

**THỐNG KÊ BÀI BÁO TRONG DANH MỤC ISI, SCI, SCIE NĂM HỌC 2019 - 2020**

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1	Emission Characteristics of Polycyclic Aromatic Hydrocarbons and Nitro-Polycyclic Aromatic Hydrocarbons from Open Burning of Rice Straw in the North of Vietnam	Chau-Thuy Pham, Yaowatat Boongla, Trung-Dung Nghiem, Huu-Tuyen Le, Ning Tang, Akira Toriba and Kazuichi Hayakawa	International Journal of Environmental Research and Public Health	02/07/2019	Tạp chí ISI, Q2	ISSN: 1660-4601, E-ISSN: 1660-4601
2	A Fog Computing Model for Pervasive Connected Healthcare in Smart Environments	Philip Moore, Hai Van Pham	International Journal of Grid and Utility Computing	04/07/2019	Tạp chí ISI, Q3	ISSN online 1741-8488 ISSN print 1741-847X
3	An Ionomeric Renewable Thermoplastic from Lignin-Reinforced Rubber	Sietske H Barnes, Monojoy Goswami, Ngoc A Nguyen, Jong K Keum, Christopher C Bowland, Jihua Chen, Amit K Naskar	Macromolecular rapid communications	05/07/2019	Tạp chí ISI, Q1	1521-3927
4	Thermal degradation of deproteinized natural rubber	Yoshimasa Yamamoto, Siti Nadiyah Binti Norulhuda, Phan Trung Nghia, Seiichi Kawahara	Polymer Degradation and Stability	06/07/2019	Tạp chí ISI, Q1	0141-3910
5	Effect of strain-induced crystallization on the tear strength of natural rubber/styrene butadiene rubber blend	Fumitoshi Noguchi, Yuanbing Zhou, Kenichiro Kosugi, Yoshimasa Yamamoto, Phan Trung Nghia, Masao Fukuda, Seiichi Kawahara	Advances in Polymer Technology	06/07/2019	Tạp chí ISI, Q1	0730-6679
6	Pressure-induced structural change of CaO–Al <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> melt: Insight from molecular dynamics simulation	Nguyen Van Hong, Nguyen Thi Thanh Ha, Pham Khac Hung, Toshiaki Iitak	Materials Chemistry and Physics	09/07/2019	Tạp chí ISI, Q2	
7	Simple Label-Free DNA Sensor Based on CeO <sub>2</sub> Nanorods Decorated with Ppy Nanoparticles	Nguyen Thi Nguyet, Vu Van Thu, Hoang Lan, Tran Trung, Anh-Tuan Le, Vuong-Hung Pham, Phuong Dinh Tam	Journal of Electronic Materials volume	09/07/2019	Tạp chí SCI, Q2	1359-6454
8	An efficient two-phase metaheuristic algorithm for The Time Dependent Traveling Salesman Problem	Ban Hà Bằng	rairo	10/07/2019	Tạp chí SCIE, Q3	ISSN: 0399-0559 - eISSN: 1290-3868
9	Analysis of natural frequency for bioinspired functional gradient plates	Chaohui Zhang, Peng Liu, Deju Zhu, Le Van Lich, Tinh Quoc Bui	International Journal of Mechanics and Materials in Design	12/07/2019	Tạp chí ISI, Q1	
10	Experimental study on the chip morphology, tool-chip contact length, workpiece vibration, and surface roughness during high-speed face milling of A6061 aluminum alloy	Thi-Hoa Pham, Duc-Toan Nguyen, Tien-Long Banh, Van-Canh Tong	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	15/07/2019	Tạp chí SCI, Q1	0954-4054
11	Nonlinear vibration of nanobeams under electrostatic force based on the nonlocal strain gradient theory	Van-Hieu Dang, Dong-Anh Nguyen, Minh-Quy Le, The-Hung Duong	International Journal of Mechanics and Materials in Design	17/07/2019	Tạp chí SCIE, Q1	1569-1713
12	An Efficient Genetic Algorithm for Maximizing Area Coverage in Wireless Sensor Networks	Nguyen Thi Hanh, Huynh Thi Thanh Binh, Nguyen Xuan Hoai, Marimuthu Swami Palaniswami	Information Sciences	17/07/2019	Tạp chí SCI, Q1	0020-0255
13	Molecular Dynamics Simulations of Structural and Mechanical Properties in MgSiO <sub>3</sub> Glass	Thao T. Nguyen, Trang T. Nguyen, Hinh T. Dinh, and Vinh V. Le	Physica Status Solidi (B)	19/07/2019	Tạp chí ISI, Q2	0370-1972
14	A simple route for electrochemical glucose sensing using background current subtraction of cyclic voltammetry technique	Nguyen Quoc Dung, Tran Thi Thuy Duong, Tran Dai Lam, Dang Duc Dung, Nguyen Nhat Huy, and Dang Van Thanh	Journal of Electroanalytical Chemistry	19/07/2019	Tạp chí SCI, Q2	1572-6657

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16	Facile citrate gel synthesis of an antimony-carbon nanosponge with enhanced lithium storage	Hang T. T. Le, Xuan-Manh Pham, Chan-Jin Park	New Journal of Chemistry	21/07/2019	Tạp chí SCI, Q1	1144-0546
17	Synthesis of SAPO-34 Using Different Combinations of Organic Structure-Directing Agents	Tuan Doan, Khang Nguyen, Phong Dam, Thanh Huyen Vuong, Minh Thang Le, and Huyen Pham Thanh	Journal of Chemistry	22/07/2019	Tạp chí SCIE	2090-9063
18	Ab Initio Chemical Kinetics for the Thermal Decomposition of SiH <sub>2</sub> <sup>+</sup> and SiH <sub>3</sub> <sup>+</sup> Ions and Related Reverse Ion-Molecule Reactions of Interest to PECVD of $\alpha$ -Si:H Films	T. N. Nguyen, Y. M. Lee, J. S. Wu, M. C. Lin	Plasma Chem Plasma Process	24/07/2019	Tạp chí SCI, Q1	1572-8986
19	Planar circularly polarized X-band array antenna with low-sidelobe and high aperture-efficiency for small satellites	Tạ Sơn Xuất, Lê Văn Du, Nguyễn Khắc Kiểm, Đào Ngọc Chiến	International Journal of RF and Microwave Computer-Aided Engineering	26/07/2019	Tạp chí ISI, Q2	1099-047X
20	Containerless solidification of a droplet under forced convection	Lưu Hồng Quân, Vũ Văn Trường	International Journal of Heat and Mass Transfer	29/07/2019	Tạp chí ISI, Q1	
21	Highly Sensitive Dual-Core PCF based Plasmonic Refractive Index Sensor for Low Refractive Index Detection	Emranul Haque, Subaha Mahmuda, Md. Anwar Hossain, Nguyen Hoang Hai, Yoshinori Namihira and Feroz Ahmed	IEEE Photonics Journal	29/07/2019	Tạp chí ISI, Q1	1943-0655
22	Comparative Study of Three Steganographic Methods Using a Chaotic System and Their Universal Steganalysis Based on Three Feature Vectors	Dalia Battikh, Safwan El Assad, Thang Manh Hoang, Bassem Bakhache, Olivier Deforges, Mohamad Khalil	Entropy	30/07/2019	Tạp chí ISI, Q2	1099-4300
23	Effects of oxygen partial pressure within the growth ambient on the properties and defect behavior of magnetron sputtered InCdO films	Ngoc MinhLe, Che-SinLee, VijayPatil, Byung-TeakLee	Thin Solid Films	31/07/2019	Tạp chí SCI, Q2	00406090
24	Synthesis and Vertical Self-Assembly of Gold Nanorods for Surface Enhanced Raman Scattering	Mai T. T. Nguyen, Dong H. Nguyen, My T. Pham, Hai V. Pham, Chinh D. Huynh	Journal of Electronic Materials	01/08/2019	Tạp chí ISI, Q2	0361-5235
25	Visible-light photocatalysts of ZrO <sub>2</sub> /AgCl:Eu <sup>3+</sup> nanoparticles	Pham Van Huan, Phuong Dinh Tam, Vuong-Hung Pham	Journal of Electronic Materials	01/08/2019	Tạp chí ISI, Q2	0361-5235
26	Studying Ni(II) Adsorption of Magnetite/Graphene Oxide/Chitosan Nanocomposite	Luyen T. Tran, Hoang V. Tran, Thu D. Le, Giang L. Bach, Lam D. Tran	Advances in Polymer Technology	01/08/2019	Tạp chí ISI, Q2	0730-6679
27	Analysis of thick porous beams by a quasi-3D theory and isogeometric analysis	Weihua Fang, Tiantang Yu, Le Van Lich, Tinh Quoc Bui	Composite Structures	01/08/2019	Tạp chí ISI, Q1	
28	Process modeling and economic analysis for bio-heavy-oil production from sewage sludge using supercritical ethanol and methanol	Truong Xuan Do, Hermawan Prajitno, Young-Il Lim, Jaehoon Kim	The Journal of Supercritical Fluids	01/08/2019	Tạp chí ISI, Q1	0896-8446
29	Alkaloid glycosides and their cytotoxic constituents from <i>Zanthoxylum nitidum</i>	Nguyen Thi Hong Van, Tran Thi Tuyen, Pham Minh Quan, Pham Quoc Long, Nguyen Xuan Nhiem, Bui Huu Tai, Cam Thi Inh, Vu Dinh Hoang, Phan Van Kiem, Chau Van Minh, SeonJu Park, Seung Hyun Kim	Phytochemistry Letters	01/08/2019	Tạp chí ISI	1874-3900

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31	An ICI Suppression Analysis Testbed for Harbor Unmanned Ground Vehicle Deployment	Tien Hoa Nguyen, Thanh Hieu Nguyen, Taehyun Yoon, Woo-Sung Jung, Daeseung Yoo, Soonghwan Ro	IEEE Access	01/08/2019	Tạp chí ISI, Q1	2169-3536
32	Experimental benchmarking of diffusion and reduced models for convective drying of single rice grains	Kieu Hiep Le, Thi Thu Hang Tran, Abdolreza Kharaghani, Evangelos Tsotsas	Drying Technology	01/08/2019	Tạp chí SCI, Q1	0737-3937
33	Numerical analysis for the effects of particle distribution and particle size on effective thermal conductivity of hybrid-filler polymer composites	Ich Long Ngo, Chan Byon, Byeong Jun Lee	International Journal of Thermal Sciences	01/08/2019	Tạp chí SCI, Q1	1290-0729
34	STABILISATION BY NOISE ON THE BOUNDARY FOR A CHAFEE-INFANTE EQUATION WITH DYNAMICAL BOUNDARY CONDITIONS	Klemens Feller, Stefanie Sonner, Bao Quoc Tang, Do Duc Thuan	Discrete and Continuous Dynamical Systems - Series B	01/08/2019	Tạp chí SCI, Q2	print: 1531-3492, online: 1553-524X
35	The Combination of Bipolar Electrolytic and Galvanic Method to Synthesize CuPt Nano-Alloy Electrocatalyst for Direct Ethanol Fuel Cell	Pham Van Vinh, Dang Duc Dung, Nguyen Bich Ngan, and Tran Xuan Bao	Journal of Electronic Materials	01/08/2019	Tạp chí SCI, Q2	1543-186X (Online)
36	Stable electrochemical measurements of platinum screen printed electrodes modified with vertical ZnO nanorods for bacterial detection	Thi Hong Phuoc Nguyen, Matteo Tonzzer, Thi Thanh Le Dang, Quang Khue Vu, Quang Huy Tran, Duc Hoa Nguyen, and Van Hieu Nguyen	Journal of Nanomaterials	01/08/2019	Tạp chí SCIE, Q2	1687-4129
37	Endophytic actinomycetes associated with <i>Cinnamomum cassia</i> Presl in Hoa Binh province, Vietnam: Distribution, antimicrobial activity and, genetic features	Thi Hanh Nguyen Vu, Quang Huy Nguyen, Thi My Linh Dinh, Ngoc Tung Quach, Thi Nhan Khieu, Ha Hoang, Chu-Ky Son, Thu Trang Vu, Hoang Ha Chu, Jusung Lee, Heonjoong Kang, Wen-Jun Li, Quyet-Tien Phi	J Gen Appl Microbiol.	02/08/2019	Tạp chí ISI	0022-1260
38	Optimization of Replaced Grinding Wheel Diameter for Minimum Grinding Cost in Internal Grinding.	Thi-Hong Tran, Xuan-Hung Le, Quoc-Tuan Nguyen, Hong-Ky Le, Tien-Dung Hoang, Anh-Tung Luu, Tien-Long Banh and Ngoc-Pi Vu	Applied Sciences	02/08/2019	Tạp chí SCIE	ISSN 2076-3417
39	Development of the Specific Emission Factors for Buses in Hanoi, Vietnam	Trung-Dung Nghiem, Yen-Lien T. Nguyen, Anh-Tuan Le, Ngoc-Dung Bui and Huu-Tuyen Pham	Environmental Science and Pollution Research	02/08/2019	Tạp chí SCI, Q1	ISSN: 0944-1344 (Print) 1614-7499 (Online)
40	Alkali metal-substituted bismuth-based perovskite compounds: A DFT study	Nguyễn Hoàng Linh, Nguyễn Hoàng Tuấn, Đặng Đức Dũng, Phùng Quốc Bảo, Bạch Thành Công, Lê Thị Hải Thanh	Journal of Science: Advanced Materials and Devices	05/08/2019	Tạp chí ISI, Q1	2468-2179
41	Advances in Membrane Materials and Processes for Desalination of Brackish Water	Hung Cong Duong, Thu Lan Tran, Ashley Joy Ansari, Hai Thuong Cao, Thao Dinh Vu, Khac-Uan Do	Current Pollution Reports	05/08/2019	Tạp chí SCIE	2198-6592
42	Insight into microstructure and dynamics of network forming liquid from the analysis based on shell-core particles	Pham K. Hung, Le T. Vinh, Nguyen V. Hong, Giap T.T. Trang, and Nguyen T. Nhan	The European Physical Journal B	05/08/2019	Tạp chí SCI, Q2	

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44	A Hybrid of Adaptation and Dynamic Routing based on SDN for Improving QoE in HTTP Adaptive VBR Video Streaming	Pham Hong Thinh, Pham Ngoc Nam, Nguyen Huu Thanh, Alan Marshall, Truong Thu Huong	IJCSNS International Journal of Computer Science and Network Security	07/08/2019	Tạp chí ISI	
45	Synergistic enhancement of ammonia gas-sensing properties at low temperature by compositing carbon nanotubes with tungsten oxide nanobricks	Xuan Vuong Le, Thi Lan Anh Luu, Huu Lam Nguyen, Cong Tu Nguyen	Vacuum	08/08/2019	Tạp chí ISI, Q2	0042-207X
46	Microstructure and luminescence of VO <sub>2</sub> (B) nanoparticle synthesis by hydrothermal method	Pham Hung Vuong, Duong Hong Quan, Vu Thi Ngoc Minh, Cao Xuan Thang, Phuong Dinh Tam, Duong Van Thiet, Hoang Nhu Van	Green Processing and Synthesis	09/08/2019	Tạp chí SCIE, Q3	2191-9550
47	A new picrotoxane sesquiterpene glucoside from <i>Dendrobium nobile</i>	Nguyễn Thị Việt Thanh, Giang Thị Phương Ly, Lê Huyền Trâm, Bùi Hữu Tài, Vũ Quốc Huy, Bùi Hữu Tài, Phan Văn Kiêm	natural product communications	13/08/2019	Tạp chí ISI	1555-9475
48	Exploration of genetic diversity of <i>Bacillus</i> spp. from industrial shrimp ponds in Vietnam by multi-locus sequence typing	Xuan The Le*, Dung Tien Pham, Tuan Anh Pham, Tung Thanh Tran, Thanh Huu Khuat, Hoa Quang Le**and Ut Ngoc Vu	Fisheries and Aquatic Sciences	13/08/2019	Tạp chí ISI, Q4	2234-1757
49	Confinement effect on solar thermal heating process of TiN solutions	Anh Phan, Nam B Le, Ha Lien Thi Nghiem, Lilia Woods, Satoshi Ishii and Katsunori Wakabayashi	Physical Chemistry Chemical Physics	14/08/2019	Tạp chí ISI, Q1	
50	Anti-inflammatory secondary metabolites from the stems of <i>Millettia dielsiana</i> Harms ex Diels	Le Duc Data, Nguyen Thi Minh Tu, Ngo Viet Ducb, Bui Thi Thuy Luyene, Chu Thi Thanh Huyene, Hyun Jae Jangf, Dang Thi Thu, Tran Thu Huong, Le Huyen Tram, Nguyen Van Thong, Nguyen Duc Hungi, Young Ho Kimd, Nguyen Phuong Thao	Carbohydrate Research	14/08/2019	Tạp chí ISI, Q2	0008-6215
51	Low Complexity Lattice Reduction Aided Detectors for High Load Massive MIMO Systems	Thanh-Binh Nguyen, Minh-Tuan Le, Vu-Duc Ngo	Wireless Personal Communications	14/08/2019	Tạp chí SCI, Q3	0929-6212 / 1572-834X
52	Simulation and Experimental Study of a Single Fixed-Bed Model of Nitrogen Gas Generator Working by Pressure Swing Adsorption	Pham Van Chinh, Nguyen Tuan Hieu, Vu Dinh Tien, Tan-Y Nguyen, Hoang Nam Nguyen, Ngo Thi Anh, Do Van Thom	Processes	15/08/2019	Tạp chí ISI, Q2	2227-9717
53	Level scheme of 153 Sm obtained from the 152 Sm(nth, $\gamma$ ) reaction using $\alpha\gamma$ - $\gamma$ coincidence spectrometer	Nguyen Ngoc Anh , * Nguyen Quang Hung, † Nguyen Xuan Hai, ‡ Pham Dinh Khang, A. M. Sukhovej, L. V. Mitsyna, Ho Huu Thang, and Le Hong Khiem	Physical Review C	15/08/2019	Tạp chí ISI, Q1	
54	Enhanced SO <sub>2</sub> sensing characteristics of multi-wall carbon nanotubes based mass-type sensor using two-step purification process	Nguyen Duc Hoang, Vu Van Cat, Man Hoai Nam, Vu Ngoc Phan, Anh Tuan Le, Nguyen Van Quy	Sensors and Actuators A: Physical	15/08/2019	Tạp chí ISI, Q1	0924-4247
55	Realization of highly conductive and transparent GaZnO/InCdO/GaZnO films for the enhancement of solar cell efficiency	Ngoc Minh Le, Jae-Cheol Park, Jinhyeok Kim, Byung-Teak Lee	Solar Energy Materials and Solar Cells	15/08/2019	Tạp chí SCI, Q1	09270248

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57	Admissibly Stable Manifolds for a Class of Partial Neutral Functional Differential Equations on a Half-line	Nguyễn Thiệu Huy, Trịnh Xuân Yền	TAIWANESE JOURNAL OF MATHEMATICS	15/08/2019	Tạp chí SCI, Q2	1027-5487
58	A comprehensive review on the sacrificial template-accelerated hydrolysis synthesis method for the fabrication of supported nanomaterials	Vũ Thị Tần, La Thế Vinh, Trần Ngọc Khiêm, Huỳnh Đăng Chính	Journal of the Iranian Chemical Society	17/08/2019	Tạp chí ISI, Q3	1735-2428
59	Hydrothermal preparation of Fe <sub>2</sub> O <sub>3</sub> nanoparticles for Fe-air battery anodes	Hang Thi Bui and Thuan Manh Vu	Journal of Electronic Materials	19/08/2019	Tạp chí ISI, Q2	0361-5235
60	A Fundamental Understanding of Whole Biomass Dissolution in Ionic Liquid for Regeneration of Fiber by Solution-Spinning	Ngoc Nguyen, Keonhee Kim, Christopher Bowland, Jong Keum, Logan Kearney, Nicolas André, Nicole Labbe, Amit K Naskar	Green Chemistry	21/08/2019	Tạp chí ISI, Q1	1463-9270
61	Theoretical Investigation on Mechanism, Thermochemistry, and Kinetics of the Gas-phase Reaction of 2-Propargyl Radical with Formaldehyde	Tien V. Pham	Chemical Research in Chinese Universities	22/08/2019	Tạp chí ISI, Q3	2210-3171
62	Role of Co dopants on the structural, optical and magnetic properties of lead-free ferroelectric Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> materials	D.D. Dung, N.B. Doan, N.Q. Dung, L.H. Bac, N.H. Linh, L.T.H. Thanh, D.V. Thiet, N.N. Trung, N.C. Khang, T.V. Trung, N.V. Duc	Journal of Science: Advanced Materials and Devices	23/08/2019	Tạp chí ISI, Q1	2468-2179
63	A study on a deep-drawing process with two shaping states for a fuel-filter cup using combined simulation and experiment	Luyen The-Thanh, Banh Tien-Long, Tran The-Van and Nguyen Duc-Toan	Advances in Mechanical Engineering	23/08/2019	Tạp chí ISI, Q3	0972-2815
64	Network structure of SiO <sub>2</sub> and MgSiO <sub>3</sub> in amorphous and liquid States	Mai Thi Lan, Tran Thuy Duong, Nguyen Viet Huy and Nguyen Van Hong	Materials Research Express	23/08/2019	Tạp chí SCI, Q2	
65	An Optimization of Two-Dimensional Photonic Crystals at Low Refractive Index Material	Thanh-Phuong Nguyen, Tran Quoc Tien, Quang Cong Tong and Ngoc Diep Lai	Crystals	24/08/2019	Tạp chí SCIE, Q2	2073-4352
66	Predicting the onset of type 2 diabetes using wide and deep learning with electronic health records	Binh P. Nguyen, Hung N. Pham, Hop Tran, Nhung Nghiem, Quang H. Nguyen, Trang T.T. Do, Cao Truong Tran, Colin R. Simpson	Computer Methods and Programs in Biomedicine	27/08/2019	Tạp chí ISI, Q1	0169-2607
67	Chapter 4. Nanostructure-based Sensitive Electrochemical Immunosensors	Hoang Vinh Tran, Tran Dai Lam	Book: Immunosensors; Editors: Minhaz Uddin Ahmed, Mohammed Zourob, Eiichi Tamiya	28/08/2019	Tạp chí ISI	978-1-78801-437-3
68	Effect of Crystallization Temperature on Energy-Storage Density and Efficiency of Lead-Free Bi <sub>0.5</sub> (Na <sub>0.8</sub> K <sub>0.2</sub> ) <sub>0.5</sub> TiO <sub>3</sub> Thin Films Prepared by Sol-Gel Method	Nguyen Dang Co, Le Viet Cuong, Bui Dinh Tu, Pham Duc Thang, Luong Xuan Dien, Vu Ngoc Hung, Ngo Duc Quan	Journal of Science: Advanced Materials and Devices	28/08/2019	Tạp chí ISI, Q2	ISSN 2468-2179
69	Synthesis of Bi <sub>0.5</sub> Li <sub>0.5</sub> TiO <sub>3</sub> Nanoparticles by Sol-Gel Method for Photocatalytic Methylene Blue Degradation and Antibacterial Activity	Thanh T. Hai Le, Bao Quoc Phung, and Dung Duc Dang	Journal of Nanomaterials	28/08/2019	Tạp chí SCIE, Q3	1687-4129

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71	Computational Study on the Mechanisms and Rate Constants for the O(3P,1D) + OCS Reactions	Hsin-Tsung Chen, Tien V. Pham, M. C. Lin	Journal of Physical Chemistry A	29/08/2019	Tạp chí ISI, Q1	1520-5215
72	Surface Premelting and Interfacial Interactions of Semi-Clathrate Hydrate	Ngoc N. Nguyen, Rüdiger Berger, Hans-Jürgen Butt	Journal of Physical Chemistry C	30/08/2019	Tạp chí ISI, Q1	1932-7455 (Web edition), 1932-7447 (Print edition)
73	SYNTHESIS OF Cu <sub>2</sub> ZnSnS <sub>4</sub> BY MECHANICAL ALLOYING METHOD FOR THERMOELECTRIC APPLICATION	Bui Duc Long, Nguyen Van Khanh, Duong Ngoc Binh, Le Hong Thang, Le Thi Bang, Suhana Binti Mohd Said	Acta Metallurgica Slovaca	31/08/2019	Tạp chí ISI, Q3	1335-1532
74	Spatial pattern and seasonal dynamics of the photosynthesis activity across Australian rainfed croplands	Jianxiu Shen, Alfredo Huete, Xuanlong Ma, Ngoc Nguyen Tran, Joanna Joiner, Jason Beringer, Derek Eamus, Qiang Yu	Ecological Indicators	31/08/2019	Tạp chí SCIE, Q1	1470-160X
75	Cross-polarization coupling of whispering-gallery modes due to the spin-orbit interaction of light	A. T. ROSENBERGER, ELIJAH B. DALE, KHOA V. BUI, ERIK K. GONZALES, D. GANTA, LIMU KE, AND SREEKUL RAJ RAJAGOPAL	Optics Letters	01/09/2019	Tạp chí ISI, Q1	
76	EFFECT OF SPRINGBACK IN DP980 ADVANCED HIGH STRENGTH STEEL ON PRODUCT PRECISION IN BENDING PROCESS	Le Thai Hung, Vu Thi Dinh, Doan Thi Phuong, Le Trung Kien	Acta Metallurgica Slovaca	01/09/2019	Tạp chí ISI, Q3	ISSN 1335-1532
77	Fracture modeling with the adaptive XIGA based on locally refined B-splines	Jiming Gu, Tiantang Yu, Thanh-Tung Nguyen, Le Van Lich, Yin Yang, Tinh Quoc Bui	Computer Methods in Applied Mechanics and Engineering	01/09/2019	Tạp chí ISI, Q1	
78	Deep Red Emitting MgAl <sub>2</sub> O <sub>4</sub> :Cr <sup>3+</sup> Phosphor for Solid State Lighting	N. T. K. Chi, N. V. Quang, N. T. Tuan, N. D. T. Kien, D. Q. Trung, P. T. Huy, Phuong Dinh Tam, D. H. Nguyen	Journal of Electronic Materials	01/09/2019	Tạp chí ISI, Q2	0361-5235
79	Experimental evidence of breakdown strength and its effect on energystorage performance in normal and relaxor ferroelectric films	Minh D. Nguyen, Chi T.Q. Nguyen, Hung N. Vu, Guus Rijnders	Current Applied Physics	01/09/2019	Tạp chí ISI, Q2	
80	Post-decorated surface fluorophores enhance the photoluminescence of carbon quantum dots	Thu-Huyen Thi Dang, Van-Tuan Mai, Quang-Trung Le, Ngoc-Huyen Duong, Xuan-Dung Mai	Chemical Physics	01/09/2019	Tạp chí SCIE, Q2	0301-0104
81	Effects of side guards on aerodynamic performances of the wood chip carrier	Ngo Van He, Keisuke Mizutani, Yoshiho Ikedac	Ocean Engineering	01/09/2019	Tạp chí SCIE, Q1	0029-8018
82	Multiple solutions for semilinear cone elliptic equations without Ambrosetti-Rabinowitz condition	Nhu Thang Nguyen, Thi Thu Huong Nguyen	Journal of Pseudo-Differential Operators and Applications	01/09/2019	Tạp chí SCIE, Q3	1662-9981 / 1662-999X
83	Robust stability of linear time-varying implicit dynamic equations: a general consideration	Do Duc Thuan, Khong Chi Nguyen, Nguyen Thu Ha, Nguyen Huu Du	Mathematics of Control, Signals, and Systems	01/09/2019	Tạp chí SCI, Q2	print: 0932-4194, online: 1435-568X
84	Eliminating overfitting of probabilistic topic models on short and noisy text: The role of Dropout	Cuong Ha, Van-Dang Tran, Linh Ngo Van, Khoat Than	International Journal of Approximate Reasoning	01/09/2019	Tạp chí SCI, Q2	0888-613X

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85	L <sup>1</sup> estimates for oscillating integrals and their applications to semi-linear models with sigma-evolution like structural damping	Tuan Anh Dao, Michael Reissig	Discrete & Continuous Dynamical Systems- A	01/09/2019	Tạp chí SCI, Q1	10780947
86	A Bimetallic-Coated, Low Propagation Loss, Photonic Crystal Fiber Based Plasmonic Refractive Index Sensor	Mohammad Al Mahfuz, Md. Anwar Hossain, Emranul Haque, Nguyen Hoang Hai, Yoshinori Namihira and Feroz Ahmed	Sensor Journal	02/09/2019	Tạp chí ISI, Q2	1424-8220
87	Effect of crystallization temperature on energy-storage density and efficiency of lead-free Bi <sub>0.5</sub> (Na <sub>0.8</sub> K <sub>0.2</sub> ) <sub>0.5</sub> TiO <sub>3</sub> thin films prepared by sol-gel method	Nguyen Dang Co, Le Viet Cuong, Bui Dinh Tu, Pham Duc Thang, Luong Xuan Dien, Vu Ngoc Hung, Ngo Duc Quan	Journal of Science: Advanced Materials and Devices	02/09/2019	Tạp chí ISI, Q1	2468-2179
88	Exhaustive generation for permutations avoiding (colored) regular sets of patterns	Phan Thuan Do, Thi Thu Huong Tran and Vincent Vajnovszki	Discrete Applied Mathematics	02/09/2019	Tạp chí ISI, Q2	0166-218X
89	Generating Point Cloud from Measurements and Shapes Based on Convolutional Neural Network: An Application for Building 3D Human Model	Mau Tung Nguyen, Thanh Vu Dang, Minh Kieu Tran Thi, Pham The Bao	Computational Intelligence and Neuroscience	02/09/2019	Tạp chí SCIE, Q1	16875273, 16875265
90	Degradation of glyphosate herbicide by an electro-Fenton process using carbon felt cathode	Manh Hai Tran, Hoai Chau Nguyen, Thanh Son Le, Viet Anh Dung Dang, The Ha Cao, Cao Khai Le, Trung-Dung Dang	ENVIRONMENTAL TECHNOLOGY	02/09/2019	Tạp chí SCIE, Q2	0959-3330
91	Effective design and fabrication of low power consumption self-heated SnO <sub>2</sub> nanowires sensors for reducing gases	Trinh Minh Ngoc, Nguyen Van Duy, Nguyen Duc Hoa, Chu Manh Hung, Hugo Nguyen, Nguyen Van Hieu	Sensors and Actuators B	02/09/2019	Tạp chí SCI, Q1	
92	Phase Structure and Magnetic Properties of Intermetallic Cu-Ni Alloy Nanopowders Synthesized by the Electrical Explosion of Wire	Thuyet-Nguyen, Minh ; Kim, Jin-Chun	Archives of Metallurgy and Materials	03/09/2019	Tạp chí ISI, Q3	1733-3490
93	Plasmonic bimetallic nanodisk arrays for DNA conformation sensing	Thanh Thi Van Nguyen, Xiaoji Xie, Jiahui Xu, Yiming Wu, Minghui Hong and Xiaogang Liu	nanoscale	09/09/2019	Tạp chí ISI, Q1	2040-3372
94	One-pot hydrothermal-synthesized rGO-Ag nanocomposite as a sensing platform for detection and quantification of methylene blue organic dye and tricyclazole pesticide	Vu Van Cat, Ngo Xuan Dinh, Le Thi Tam, Nguyen Van Quy, Vu Ngoc Phan, Le Anh Tuan,	Materialstoday Communications	09/09/2019	Tạp chí ISI, Q2	2352-4928
95	Preparation of hydrogenated natural rubber with nanomatrix structure	Nguyen Thu Ha, Do Quoc Viet, Tran Anh Dung, Seiichi Kawahara	Polymers for Advanced Technologies	10/09/2019	Tạp chí ISI, Q2	1099-1581
96	The dependence of morphology, structure, and photocatalytic activity of SnO <sub>2</sub> /rGO nanocomposites on hydrothermal temperature	Phạm Văn Tuấn, Lê Trung Hiếu, Vũ Thị Tần, Trần Thị Phương, Trần Thị Quỳnh Hoa, Trần Ngọc Khiêm	Materials Research Express	11/09/2019	Tạp chí ISI, Q2	2053-1591
97	Multiuser Massive MIMO Systems With Time-Offset Pilots and Successive Interference Cancellation	The Khai Nguyen, Ha H. Nguyen, Tien Hoa Nguyen	IEEE Access	11/09/2019	Tạp chí ISI, Q1	2169-3536
98	Emergency Service Provision Using a Novel Hybrid SOM-Spiral STC Model for Group Decision Support under Dynamic Uncertainty	Hai Van Pham, Philip Moore	Applied Sciences	11/09/2019	Tạp chí SCIE, Q1	20763417

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100	A model study on the mechanism and kinetics for reactions of the hydrated electron with H3O+ and NH4 + ions	Trinh Le Huyen, Tien V. Pham, Minh Tho Nguyen, M.C. Lin	Chemical Physics Letters	15/09/2019	Tạp chí ISI, Q2	0009-2614
101	A New Sexangularetin Derivative From Camellia hakodae	Nguyen T. Tuyen, Tran Van Hieu, Pham G. Dien , Tran Ninh, Nguyen T. Hung , and Vu D. Hoang	Natural Product Communications	16/09/2019	Tạp chí ISI	1934-578X
102	AN EFFECTIVE METAHEURISTIC FOR MULTIPLE TRAVELING REPAIRMAN PROBLEM WITH DISTANCE CONSTRAINTS	Ban Hà Bằng, Nguyễn Đức Nghĩa, Nguyễn Kiên	Computing and Informatics	17/09/2019	Tạp chí SCIE, Q3	2585-8807
103	Charge-induced electromechanical actuation of two-dimensional hexagonal and pentagonal materials.	Van Vuong Thanh, Do Van Truong, and Nguyen Tuan Hung	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	19/09/2019	Tạp chí SCI, Q1	1463-9076 / 1463-9084
104	20 kW-Class Direct Coupled Photovoltaic-Electrolyzer System with MPPT Capability	Nguyen Duc Tuyen, Goshome Kiyotaka, Endo Naruki, Maeda Tetsuhiko	International Journal of Hydrogen (Q1)	23/09/2019	Tạp chí ISI, Q1	03603199
105	Silver nanoparticles on graphene quantum dots as nanozyme for efficient H2O2 reduction in a glucose biosensor	Hoang Vinh Tran, Tuan Anh Le, Bach Long Giang, Benoit Piro, Lam Dai Tran	Materials Research Express	23/09/2019	Tạp chí ISI, Q2	2053-1591
106	New Approach to Solving The Clustered Shortest-Path Tree Problem Based on Reducing The Search Space of Evolutionary Algorithm	Huynh Thi Thanh Binh, Pham Dinh Thanh, Ta Bao Thang	Knowledge-Based Systems	23/09/2019	Tạp chí SCI, Q1	0950-7051
107	Structural, optical, and magnetic properties of a new system of Bi(Mn0.5Ti0.5)O3-modified Bi0.5Na0.5TiO3 materials	L. T. K. Phuong, D. D. Dung, N. Q. Dung, M. M. Hue, N. X. Duong, P. D. Luong, L. H. Bac, N. A. Duc, N. N. Trung, N. V. Duc, and D. Odkhuu	Materials Research Express	24/09/2019	Tạp chí ISI, Q3	2053-1591
108	Topological ferroelectric nanostructures induced by mechanical strain in strontium titanate	Kairi Masuda, Le Van Lich, Takahiro Shimada, Takayuki Kitamura	Physical Chemistry Chemical Physics	24/09/2019	Tạp chí ISI, Q1	
109	Periodically-arrayed ferroelectric nanostructures induced by dislocation structures in strontium titanate	Kairi Masuda, Le Van Lich, Takahiro Shimada, and Takayuki Kitamura	Physical Chemistry Chemical Physics	24/09/2019	Tạp chí ISI, Q1	
110	Fabrication of transparent MgAl2O4 spinel ceramics by pccs processing of combustion - synthesized nanopowders	Yen Ngoc Nguyen, Tu Anh Dao, Hai Minh Le, Khanh Quoc Dang, Makoto Nanko	Acta Metallurgica Slovaca	24/09/2019	Tạp chí ISI, Q3	1335-1532, 1338-1156
111	High-performance energy storage and breakdown strength of lowtemperature laser-deposited relaxor PLZT thin films on flexible Ti-foils	Chi T.Q. Nguyen, Hung N. Vu, Minh D. Nguyen	Journal of Alloys and Compounds	25/09/2019	Tạp chí ISI, Q1	

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112	Development of a highly sensitive magneto-enzyme lateral flow immunoassay for dengue NS1 detection	Tien V. Tran, Ba V. Nguyen, Thao T.P. Nguyen, Tung T. Tran, Khanh G. Pham, Quang B. Le, Binh N. Do, Hung N. Pham, Chuyen V. Nguyen, Duong P.H. Dinh, Van T. Ha, Trang H.T. Doan, Hoa Q. Le	PeerJ	25/09/2019	Tạp chí ISI, Q1	2167-8359
113	A Two Degrees of Freedom Comb Capacitive-Type Accelerometer with Low Cross-Axis Sensitivity	M. N. Nguyen, L. Q. Nguyen, H. M. Chu, H. N. Vu	Journal of Mechanical Engineering and Sciences (JMES)	27/09/2019	Tạp chí SCIE	2231 - 8380
114	The Improvement of an Islanding Detection Method Based on the Perturbation Signal in Case of a Multi-Photovoltaic Operation	Son Tran Thanh, Tuyen Nguyen Duc, Goro FUJITA	Applied Sciences	27/09/2019	Tạp chí SCIE, Q1	2076-3417
115	A New Digital Image Steganography Approach Based on The Galois Field GF(pm) Using Graph and Automata	Nguyen Huy Truong	KSII Transactions on Internet and Information Systems	29/09/2019	Tạp chí SCIE, Q3	1976-7277
116	Influence Of Rare-Earth On The Microstructure And Mechanical Properties Of High Manganese Steel Under Impact Load	Nguyen Duong Nam, Nguyen Duong Nguyen, Pham Mai Khanh	Acta Metallurgica Slovaca	30/09/2019	Tạp chí ISI, Q3	
117	Chemical constituents of Vietnamese mangrove Hibiscus tiliaceus with antioxidant and alpha-glucosidase inhibitory activity	Le Ba Vinh, Nguyen Thi Minh Nguyet, Chu Duc Thanh, Tran Thu Huong, Le Huyen Tram, Nguyen Van Thong, Nguyen Hoang Minh, Nguyen Phuong Thao, Inkyu Hwang, Seo Young Yang and Young Ho Kim	Natural Product Research	30/09/2019	Tạp chí ISI, Q2	1478-6427 (online)
118	Microstructure of lead silicate melt under compression: insight from computer simulation	Nguyen Van Honga, Mai Thi Lan, Hoang Viet Hung, and Luyen Thi San	The European Physical Journal B	30/09/2019	Tạp chí ISI, Q2	1434-6028
119	A note on the minimum number of edges in hypergraphs with property O	G. Kronenberg, C. Kusch, A. Lamaison, P. Micek, T. Tran	European Journal of Combinatorics	01/10/2019	Tạp chí ISI, Q1	
120	Investigation of TiO <sub>2</sub> doped with nitrogen and vanadium using hydrothermal Sol Gel method and its application for dyes photodegradation (1)	I. Putu Mahendra, Adri Huda, Ha Minh Ngoc, Phan Trung Nghia, Tamrin Tamrin & Basuki Wirjosentono	Arab Journal of Basic and Applied Sciences	01/10/2019	Tạp chí ISI, Q2	
121	Hardware-Based Principal Component Analysis for Hybrid Neural Network Trained by Particle Swarm Optimization on a Chip	Tuan Linh DANG, Yukinobu HOSHINO	IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences	01/10/2019	Tạp chí SCIE	1745-1337
122	Node placement for connected target coverage in wireless sensor networks with dynamic sinks	Phi Le Nguyen, Nguyen Thi Hanh, Nguyen Tien Khuong, Huynh Thi Thanh Binh, Yusheng Ji	Pervasive and Mobile Computing	01/10/2019	Tạp chí SCIE, Q1	1574-1192
123	A tough and sustainable fiber-forming material from lignin and waste poly (ethylene terephthalate)	Kokouvi M Akato, Ngoc A Nguyen, Kalavathy Rajan, David P Harper, Amit K Naskar	RSC Advances	01/10/2019	Tạp chí SCIE, Q1	2046-2069
124	Porous ZSM-5 zeolite catalyst modified with sulfonic acid functional groups for hydrolysis of biomass	Phan Huy Hoang, Nguyen Hoang Chung, Le Quang Dien	Journal of the Iranian Chemical Society	01/10/2019	Tạp chí SCI	1735-207X
125	Measuring phase scintillation at different frequencies with conventional GNSS receivers operating at 1 Hz	Viet Khoi Nguyen, Adria Rovira-Garcia, José Miguel Juan, Jaume Sanz, Guillermo González-Casado, The Vinh La, Tung Hai Ta	Journal of Geodesy	01/10/2019	Tạp chí SCI, Q1	1432-1394

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127	Simple Label-Free Electrochemical Immunosensor in a Microchamber for Detecting Newcastle Disease Virus	Luyen Thi Tran, Thinh Quang Tran, Ha Phu Ho, Xuan Thi Chu, and Tuan Anh Mai	Journal of Nanomaterials	09/10/2019	Tạp chí ISI, Q2	1687-4110
128	Conversion of CO <sub>2</sub> to methanol using NiGa/mesosilica (NiGa/MSO) catalyst	Hong Khanh Dieu Nguyen, Toan Hong Dang	Journal of Porous Materials	09/10/2019	Tạp chí ISI	1573-4854
129	Gain enhancement for MIMO antenna using metamaterial structure	Ngoc Lan Nguyen and Van Yem Vu	International Journal of Microwave and Wireless Technologies	10/10/2019	Tạp chí ISI, Q3	
130	Effective Multi-shot Person Re-identification through Representative Frames Selection and Temporal Feature Pooling	Thuy-Binh Nguyen, Thi-Lan Le, Louis Devilliane, Thi Thanh Thuy Pham, Ngoc-Nam Pham	Multimedia Tools and Applications	12/10/2019	Tạp chí ISI, Q1	ISSN 1380-7501
131	Expert System Based on Integrated Fuzzy AHP for Automatic Cutting Tool Selection	Phùng Xuân Lan, Trương Hoàng Sơn, Bùi Ngọc Tâm	Applied Sciences	14/10/2019	Tạp chí SCIE, Q1	2076-3417
132	Intrinsic and extrinsic effects on the electrorotoroidic switching in ferroelectric notched nanodot by homogeneous electric field	Van-Hai Dinh, Le Van Lich*, Tinh Quoc Bui, Le Van Tuan, Trong-Giang Nguyen, Takahiro Shimada, and Takayuki Kitamura	Physical Chemistry Chemical Physics	15/10/2019	Tạp chí ISI, Q1	
133	Facile fabrication of perovskite-incorporated hierarchically mesoporous/macroporous silica for efficient photoassisted-Fenton degradation of dye	Thi To Nga Phan, Aleksandar N. Nikoloski, Parisa Arabzadeh Bahri, Dan Li	Applied surface science	15/10/2019	Tạp chí ISI, Q1	0169-4332
134	Asymmetric flux-closure domains in compositionally graded nanoscale ferroelectrics and unusual switching of toroidal ordering by an irrotational electric field	Le Van Lich*, Minh-Tien Le, Tinh Quoc Bui, Thanh-Tung Nguyen, Takahiro Shimada, Takayuki Kitamura, Trong-Giang Nguyen, Van-Hai Dinh	Acta Materialia	15/10/2019	Tạp chí ISI, Q1	
135	Opposition-based learning for self-adaptive control parameters in differential evolution for optimal mechanism design	Tam BUI, Trung NGUYEN and Hiroshi HASEGAWA	Journal of Advanced Mechanical Design, Systems, and Manufacturing	15/10/2019	Tạp chí SCIE, Q3	1881-3054
136	Intrinsic and extrinsic effects on the electrorotoroidic switching in a ferroelectric notched nanodot by a homogeneous electric field	Hai Dinh-Van, Le Van Lich, Tinh Quoc Bui, Tuan Van Le, Trong-Giang Nguyen, Takahiro Shimada and Takayuki Kitamura	Physical Chemistry Chemical Physics	15/10/2019	Tạp chí SCI, Q1	ISSN 1463-9084
137	A Strong Convergence Theorem for a Parallel Iterative Method for Solving the Split Common Null Point Problem in Hilbert Spaces	T.M. Tuyen, Ng.T.T. Thuy, Ng.M. Trang	Journal of Optimization Theory and Applications	15/10/2019	Tạp chí SCI, Q2	0022-3239 (print version); 1573-2878 (electronic version)
138	Diterpenoids and Flavonoids from <i>Andrographis paniculata</i>	Tran Thi Hong Hanh, Nguyen Thi Thuy My, Pham Thi Cham, Tran Hong Quang, Nguyen Xuan Cuong, Tran Thu Huong, Nguyen Hoai Nam, and Chau Van Minh	Chemical and Pharmaceutical Bulletin	16/10/2019	Tạp chí ISI, Q2	1347-5223
139	Superconductivity under pressure in the Dirac semimetal PdTe <sub>2</sub>	H Leng , A Ohmura, L N Anh, F Ishikawa, T Naka, Y K Huang and A de Visser	Journal of Physics: Condensed Matter	18/10/2019	Tạp chí SCI, Q1	1361-648X/ISSN: 0953-8984

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141	Andropaniosides A and B, two new ent-labdane diterpenoid glucosides from <i>Andrographis paniculata</i>	Nguyen Thi Thuy My, Tran Thi Hong Hanh, Pham Thi Cham, Nguyen Xuan Cuong, Tran Thu Huong, Tran Hong Quang, Nguyen Hoai Nam, Chau Van Minh	Phytochemistry Letters	21/10/2019	Tạp chí ISI, Q2	18743900
142	Enhancing propagation length of surface plasmon polaritons by using metallic double-layer structure	Chu Manh Hoang, Trinh Minh Tuan	IEEE Photonics Journal	23/10/2019	Tạp chí ISI, Q1	1943-0655
143	A Comprehensive Distributed Queue-based Random Access Framework for mMTC Communications in 5G Networks with Mixed-Type Traffic	Anh-Tuan H. Bui, Chuyen T. Nguyen, Truong C. Thang, Anh T. Pham	IEEE Transactions on Vehicular Technology	23/10/2019	Tạp chí ISI, Q1	0018-9545
144	Operation Scheduling Optimization for Microgrids Considering Coordination of Their Components	Hirota Takano, Ryota Goto, Thin Zar Soe, Nguyen Duc Tuyen, Hiroshi Asano	Future Internet	24/10/2019	Tạp chí SCIE, Q3	1999-5903
145	Effects of surface roughening and calcite coating of titanium on cell growth and differentiation	Rui Shi, Koichiro Hayashi, Le Thi Bang, Kunio Ishikawa	Journal of Biomaterials Application	25/10/2019	Tạp chí ISI, Q2	1530-8022 (web)
146	Characterization of endophytic <i>Streptomyces griseorubens</i> MPT42 and assessment of antimicrobial synergistic interactions of its extract and essential oil from host plant <i>Litsea cubeba</i>	Nguyen H.V., Nguyen Q.H., Vu T.H.N., Chu-Ky S., Vu T.T., Hoang H., Quach N.T., Bui T.L., Chu H.H., Khieu T.N., Sarter S., Li W.-J., Phi Q.-T.	Antibiotics	28/10/2019	Tạp chí ISI, Q1	2079-6382
147	Thermal Stability of Ordered Mesoporous Carbon Based Catalyst and Its Application in Conversion of Linseed Oil to Methyl Esters	Hong Khanh Dieu Nguyen; Hai Quoc Tran	Catalysis Letters	29/10/2019	Tạp chí ISI, Q3	ISSN 1011-372X
148	Up/Down-Conversion Luminescence of Er <sup>3+</sup> Doped ZrO <sub>2</sub> ·Al <sub>2</sub> O <sub>3</sub> Powder	Hoang Nhu Van*, Pham Van Huan, Duy-Hung Nguyen, Ngoc Hung Vu, Vuong-Hung Pham*	Journal of Electronic Materials	29/10/2019	Tạp chí ISI, Q2	03615235
149	(m,h) -Monogenic Functions Related to Axially Symmetric Helmholtz Equations	Doan Cong Dinh	Advances in Applied Clifford Algebras	30/10/2019	Tạp chí ISI, Q3	Print ISSN 0188-7009
150	Effects of friction models on simulation of pneumatic cylinder	Xuan Bo Tran Van Lai Nguyen and Khanh Duong Tran	mechanical sciences	30/10/2019	Tạp chí ISI, Q2	2191-9151
151	In Vitro Corrosion and Cell Response of Hydroxyapatite Coated Mg Matrix in Situ Composites for Biodegradable Material Applications	Nguyen Q. Cao, Hai M. Le, Khanh M. Pham, Nam V. Nguyen, Sachiko Hiromoto and Equo Kobayashi	Materials	30/10/2019	Tạp chí SCIE, Q2	1996-1944
152	An adaptive algorithm for restoring image corrupted by mixed noise	Pham Cong Thang, Tran Thi Thu Thao, Phan Tran Dang Khoa, Dinh Viet Sang, Pham Minh Tuan, Nguyen Minh Hieu	Cybernetics and physics	31/10/2019	Tạp chí ISI	2226-4116
153	Colouring set families without monochromatic k-chains	S. Das, R. Glebov, B. Sudakov, T. Tran	Journal of Combinatorial Theory Series A	01/11/2019	Tạp chí ISI, Q1	

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155	Maximizing double-link failure recovery of over-dimensional optical mesh networks	Pruk Sasithong, Le Quang Quynh, Poompat Saengudomlert, Pisit Vanichchanunt, Nguyen Hoang Hai, Lunchakorn Wuttisittikuljij	Optical Switching and Networking Journal	01/11/2019	Tạp chí ISI, Q3	1573-4277
156	HOOFR SLAM System: An Embedded Vision SLAM Algorithm and Its Hardware-Software Mapping-Based Intelligent Vehicles Applications	Dai-Duong Nguyen; Abdelhafid Elouardi; Sergio A. Rodriguez Florez; Samir Bouaziz	IEEE Transactions on Intelligent Transportation Systems 2019	01/11/2019	Tạp chí ISI, Q1	1558-0016
157	Multistep spin-spray deposition of large-grain-size CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> with bilayer structure for conductive-carbon-based perovskite solar cells	Thanh-Tung Duong, Phan Huy Hoang, Luu Thi Nhan, Luong Van Duong, Man Hoai Nam, Le Quoc Tuan	Current Applied Physics	01/11/2019	Tạp chí ISI, Q2	1567-1739
158	Situational Awareness: Mapping Interference Sources in Real-Time Using a Smartphone App	Hong Lam Nguyen, Micaela Troglia Gamba, Emanuela Falletti, Tung Hai Ta	Sensors	01/11/2019	Tạp chí SCIE	1424-8220
159	APPLICATION OF A GRAPHICAL METHOD ON ESTIMATING FORMING LIMIT CURVE OF AUTOMOTIVE SHEET METALS	Quoc Tuan Pham, Jinjae Kim, The Thanh Luyen, Duc Toan Nguyen, Young Suk Kim	International Journal of Automotive Technology	01/11/2019	Tạp chí SCIE, Q1	pISSN 1229-9138/ eISSN 1976-3832
160	Rice and cassava distillers dried grains in Vietnam: nutritional values and effects of their dietary inclusion on blood chemical parameters and immune responses of growing pigs	Ionelia Taranu, Tien-Thanh Nguyen, Kim-Dang Pham, Mihail A. Gras, Gina C. Pistol, Daniela E. Marin, Catalin Rotar, Mihaela Habeanu, Phu-Ha Ho, Thanh-Mai Le, Thi Thu-Hang Bui, Dinh-Vuong Mai, and Son Chu-Ky	Waste and Biomass Valorization	01/11/2019	Tạp chí SCI	
161	Upconversion luminescence of Gd <sub>2</sub> O <sub>3</sub> :Er <sup>3+</sup> and Gd <sub>2</sub> O <sub>3</sub> :Er <sup>3+</sup> /Silica nanophosphors fabricated by EDTA combustion method	Le Quoc Minh, Tran Kim Anh*, Nguyen Duy Hung, Pham Thi Minh Chau, Nguyen Thi Quy Hai, Ho Van Tuyen, Vu Thi Thai Ha, Vu Duc Tu, Wieslaw Strek	Journal of Rare Earths	01/11/2019	Tạp chí SCI, Q2	1002-0721
162	Photo induced NO <sub>2</sub> sensing properties of bismuth triiodide (BiI <sub>3</sub> ) nanoplates at room temperature	Pham Tien Hung, Vu Xuan Hien, Phung Dinh Hoat, Sangwook Lee, Joon-Hyung Lee, Jeong-Joo Kim, Young-Woo Heo	Scripta Materialia	01/11/2019	Tạp chí SCI, Q1	1359-6462
163	The Region-of-Interest based Measurement Selection Process for Electrical Impedance Tomography in Radiofrequency Cardiac Ablation with Known Anatomical Information	Duc M.Nguyen, Pierre Qian, Tony Barry, AlistairMcEwan	Biomedical Signal Processing and Control	02/11/2019	Tạp chí ISI, Q2	1746-8094
164	Impact of design parameters on working stability of the electrothermal V-shaped actuator	Kien Trung Hoang, Dzung Tien Nguyen, Phuc Hong Pham*	Microsystem Technologies	04/11/2019	Tạp chí ISI, Q2	0946-7076
165	Efficient Time-series Forecasting using Neural Network and Opposition-based Coral Reefs Optimization	Nguyen Thieu; Nguyen Tu; Nguyen, Binh Minh; and Nguyen Giang	International Journal of Computational Intelligence Systems	04/11/2019	Tạp chí SCIE, Q1	1875-6891
166	Chemical Lift-Off Process Using Acetone Ink for Easy Fabrication of Metallic Nano/Microstructures	Potejana Potejanasak, Truong Duc Phuc, Motoki Terano, Takatoki Yamamoto, and Masahiko Yoshino	International Journal of Automation Technology	06/11/2019	Tạp chí SCIE, Q2	18838022, 18817629
167	A Gaussian wavelet network-based robust adaptive tracking controller for a wheeled mobile robot with unknown wheel slips	Nguyen Van Tinh, Hoang Thi Thuong, Pham Minh Tuan, Dao Phuong Nam	International Journal of Control	07/11/2019	Tạp chí SCI, Q1	0020-7179

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168	Improved Gas Selectivity Based on Carbon Modified SnO <sub>2</sub> Nanowires	Matteo Tonzeller, Sandro Izidoro, Joao Areias, Dang Thi Thanh Le	Frontiers in Materials	07/11/2019	Tạp chí ISI, Q2	2296-8016
169	Facile hydrothermal synthesis of two-dimensional porous ZnO nanosheets for highly sensitive ethanol sensor	Lai Van Duy, Nguyen Hong Hanh, Dang Ngoc Son, Pham Tien Hung, Chu Manh Hung*, Nguyen Van Duy, Nguyen Duc Hoa* Nguyen Van Hieu,	Journal of Nanomaterials	11/11/2019	Tạp chí ISI, Q2	
170	A facile synthesis of ruthenium/reduced graphene oxide nanocomposite for effective electrochemical application	Van-Duong Dao*, Nguyen Duc Hoa*, Ngoc Hung Vu, Dang Viet Quang, Nguyen Van Hieu*, Tran Thi Ngoc Dung, Nguyen Xuan Viet, Chu Manh Hung, Ho-Suk Choi,	Solar Energy	11/11/2019	Tạp chí ISI, Q1	
171	Formation of an in situ nanosilica nanomatrix via graft copolymerization of vinyltriethoxysilane onto natural rubber	Nghiệm Thị Thương, Nguyễn Phạm Duy Linh, Phan Trung Nghĩa, Nurul Hayati Yusof, Seiichi Kawahara	Polymers for Advanced Technologies	11/11/2019	Tạp chí ISI, Q2	1099-1581
172	Nanocellulose fabrication from <i>Oryza sativa</i> L. rice straw using combined treatment by hydrogen peroxide and dilute sulfuric acid solution	Lê Quang Diễm, Thái Đình Cường, Nguyễn Thị Minh Phương, Phan Huy Hoàng, Đào Ngọc Truyển, Nguyễn Thị Minh Nguyệt	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	13/11/2019	Tạp chí ISI	1556-7230
173	A hybrid genetic algorithm for the traveling salesman problem with drone	Quang Minh Ha, Yves Deville, Quang Dung Pham, Minh Hoang Ha	Journal of Heuristics	14/11/2019	Tạp chí SCIE, Q2	1381-1231
174	Robust stability and robust stabilizability for periodically switched linear system	Do Duc Thuan, Le Van Ngoc	Applied Mathematics and Computation	15/11/2019	Tạp chí SCIE, Q1	0096-3003
175	Graphitic N-CMK3 pores filled with SnO <sub>2</sub> nanoparticles as an ultrastable anode for rechargeable Li-ion batteries	Hang T.T. Le, Duc Tung Ngo, Xuan-Manh Pham, Thi-Yen Nguyen, Trung-Dung Dang, Chan-Jin Park	Journal of Power Sources	15/11/2019	Tạp chí SCI, Q1	0378-7753
176	All-digital background calibration of gain and timing mismatches in time-interleaved ADCs using adaptive noise canceller	Duc Han Le, Thi Kim Phuong Dinh, Van-Phuc Hoang, Duc Minh Nguyen	AEU - International Journal of Electronics and Communications	18/11/2019	Tạp chí ISI, Q2	1434-8411 / 1618-0399
177	Impacts of Retina-Related Zones on Quality Perception of Omnidirectional Image	Huyen TT Trần, Duc V Nguyen, Nam Pham Ngoc, Trang H Hoang, Truong Thu Huong, Truong Cong Thang	IEEE access	18/11/2019	Tạp chí ISI, Q1	2169-3536
178	The role of organic and inorganic UV-absorbents on photopolymerization and mechanical properties of acrylate-urethane coating	Thien Vuong Nguyena, Phuong Nguyen -Tri, Sohrab Azizi, Tran Chien Dange, Duc Minh Hoang, Thu Ha Hoang, Thi Linh Nguyen, Thuy Thi Le Bui, Viet Hung Dang, Ngoc Linh Nguyen, The Tam Le, Thi Ngoc Linh Nguyen, Quoc Trung Vu, Dai Lam Tran, Thi My Linh Dang, Le Trong Lu	Materials Today Communications	18/11/2019	Tạp chí SCIE, Q1	
179	Mechanism and kinetics of the reaction of the 2-propargyl radical with ammonia	Hue M. T. Nguyen, Tien Van Pham, Hung Van Hoang, Pham Tho Hoan, Ngo Tuan Cuong	International Journal of Chemical Kinetics	18/11/2019	Tạp chí ISI, Q2	1097-4601
180	Genome-inferred spatio-temporal resolution of an uncultivated <i>Roizmanbacterium</i> reveals its ecological preferences in groundwater	Patricia Geesink, Carl-Eric Wegner, Alexander J Probst, Martina Herrmann, Hang T Dam, Anne-Kristin Kaster, Kirsten Küsel	Environmental Microbiology	19/11/2019	Tạp chí ISI, Q1	1462-2920

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181	Occurrence and risk assessment of multiple classes of antibiotics in urban canals and lakes in Hanoi, Vietnam	Tran Ngoc Han, Hoang Lan, Nghiem Long Duc, Nguyen Nu My Ha, Ngo Huu Hao, Guo Weshan, Trinh Quang Thang, Mai Nam Hai, Chen Huiting, Nguyen Dinh Duc, Ta Thi Thao, Gin Karina Yew-Hoong	Science of The Total Environment	20/11/2019	Tạp chí ISI, Q1	0048-9697
182	Occurrence and risk assessment of multiple classes of antibiotics in urban canals and lakes in Hanoi, Vietnam	Tran Ngoc Han, Hoang Lan, Nghiem Long Duc, Nguyen Nu My Ha, Ngo Huu Hao, Guo Weshan, Trinh Quang Thang, Mai Nam Hai, Chen Huiting, Nguyen Dinh Duc, Ta Thi Thao, Gin Karina Yew-Hoong	Science of The Total Environment	20/11/2019	Tạp chí ISI, Q1	0048-9697
183	Metaheuristics for maximization of obstacles constrained area coverage in heterogeneous wireless sensor networks	Huynh Thi Thanh Binh, Nguyen Thi Hanh, La Van Quan, Nguyen Duc Nghia, Nilanjan Dey	Applied Soft Computing	20/11/2019	Tạp chí SCI, Q1	1568-4946
184	Identification of a chlorodibenzo-p-dioxin dechlorinating Dehalococcoides mccartyi by stable isotope probing	Hang T. Dam, Weimin Sun, Lora McGuinness, Lee Kerkhof, Max M. Haggblom	Environmental Science and Technology	25/11/2019	Tạp chí ISI, Q1	1520-5851
185	Iterative Learning Control for V-Shaped Electrothermal Microactuator	Nguyen Tien Dzung, Pham Hong Phuc*, Nguyen Quang Dich, Nguyen Doan Phuoc	Electronics (ISI)	26/11/2019	Tạp chí ISI, Q2	2079-9292
186	Iterative Learning Control for V-Shaped Electrothermal Microactuator	Nguyen Tien Dzung, Pham Hong Phuc, Nguyen Quang Dich, Nguyen Doan Phuoc	Electronics	26/11/2019	Tạp chí SCIE	2079-9292
187	Influence of shielding gas on cathode spot behaviours in alternating current tungsten inert gas welding of aluminium	Le Huy Phan, Shinichi Tashiro, Hanh Van Bui, Tetsuo Suga, Toyoyuki Sato, Manabu Tanaka	Science and Technology of Welding and Joining	29/11/2019	Tạp chí ISI, Q1	1743-2936
188	Tuning magnetoelectric effect in Pb(1-x)SrxTiO3/CoFe2O4 multiferroic nanocomposites by varying Sr content	Minh-Tien Le, Le Van Lich*, Tinh Quoc Bui, Trong-Giang Nguyen, Van-Hai Dinh	Journal of Physics and Chemistry of Solids	30/11/2019	Tạp chí ISI, Q2	
189	A green luminescence of lemon derived carbon quantum dots and their applications for sensing of V5+ ions	Bui Thi Hoan, Tran Thi Thanh, Phuong Dinh Tam, Nguyen Ngoc Trung, Sunglae Cho, Vuong-Hung Pham*	Materials Science and Engineering B	01/12/2019	Tạp chí ISI, Q1	0921-5107
190	One-pot hydrothermal-synthesized rGO-Ag nanocomposite as a sensing platform for detection and quantification of methylene blue organic dye and tricyclazole pesticide	Vu Van Cat, Ngo Xuan Dinh, Le Thi Tam, Nguyen Van Quy, Vu Ngoc Phan, Anh-Tuan Le	Materials Today Communications	01/12/2019	Tạp chí ISI, Q2	2352-4928
191	Operational behavior and heat transfer in a thermosiphon desorber at sub-atmospheric pressure. Part I: The model	Trịnh Quốc Dũng, Vũ Tuấn Anh, Jan Albers, Felix Ziegler	International Journal of Refrigeration	01/12/2019	Tạp chí ISI, Q1	
192	TELPAC: A Time and Energy Efficient Protocol for Locating and Patching Coverage Holes in WSNs	Phi Le Nguyen, Kien Nguyen, Huy Vu, Yusheng Ji	Journal of Network and Computer Applications	01/12/2019	Tạp chí SCIE, Q1	1084-8045
193	An investigation on effective thermal conductivity of hybrid-filler polymer composites under effects of random particle distribution, particle size and thermal contact resistance	Ich Long Ngo, Viet Anh Truong	International Journal of Heat and Mass Transfer	01/12/2019	Tạp chí SCI, Q1	0017-9310
194	Consensus under Biased Alignment	Hyo-Sung Ahn, Minh Hoang Trinh	Automatica	02/12/2019	Tạp chí ISI, Q1	0005-1098

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195	Numerical study of a liquid drop on an inclined surface with solidification	T. V. Vu, C. T. Nguyen and Q. H. Luu	International Journal of Heat and Mass Transfer	02/12/2019	Tạp chí ISI, Q1	
196	Effects of bias voltage on adhesion and properties of chromium nitride thin films	Trung Van Trinh, Tuan Hong Pham, Hop Thanh Nguyen, Thanh Van Nguyen	Acta Metallurgica Slovaca	02/12/2019	Tạp chí ISI, Q3	1335-1532
197	Periodic solutions and their conditional stability for partial neutral functional differential equations	Nguyễn Thiệu Huy, Nguyễn Thị Loan, Vũ Thị Ngọc Hà	Journal of Evolution Equations	02/12/2019	Tạp chí SCIE, Q1	1424-3199
198	Research and Development of a Novel TIG Welding Torch for Joining Thin Sheets	Nago Huu Manh, Nguyen Van Anh, Nguyen Van Tuan, Murata Akihisa	Applied Sciences	02/12/2019	Tạp chí SCIE, Q1	
199	An Exposure Assessment of Arsenic and Other Trace Elements in Ha Nam Province, Northern Vietnam	Manh Ha Nguyen, Quoc Anh Hoang, Lan Anh Nguyen, Thi Thao Ta, Tien Duc Pham, Minh Binh Tu and Dinh Binh Chu	International Journal of Analytical Chemistry	02/12/2019	Tạp chí SCIE, Q2	1687-8779
200	Profitable sludge management via novel combined ozone disperser pretreatment coupled with membrane bioreactor for treating confectionary wastewater	Yukesh Kannah R, Rajesh Banu J, Marcelin Joe J, Ick Tae Ycom, Khac-Uan Do	Journal of Cleaner Production	02/12/2019	Tạp chí SCI, Q1	0959-6526
201	Material flow analyses of high-efficiency joint process in VPPA keyhole flat welding by X-ray transmission system	Bin Xu, Shujun Chen, Shinichi Tashiro, Fan Jiang, Văn anh Nguyễn, Manabu Tanaka	Journal of Cleaner Production	02/12/2019	Tạp chí SCI, Q1	
202	Structure, optical and magnetic properties of new Bi 0.5 Na 0.5 TiO 3-SrMnO 3- $\delta$ solid solution materials	Dang Duc Dung, Nguyen The Hung, Dorj Odkhuu	Scientific Reports	03/12/2019	Tạp chí SCI, Q1	2045-2322
203	17 $\alpha$ -Ethinylestradiol in Lakes of Hanoi and its effect on seed germination	Dang Minh Hieu, Nguyen Thi Thuy Ngan, Yoshihiko Inagaki, Jarkko Akkanen, Yutaka Sakakibara	Toxicological & Environmental Chemistry	03/12/2019	Tạp chí SCI, Q3	0277-2248 (print), 1029-0486 (online)
204	On the Hypergolicity of Trimethyl Aluminum in Air	Tien V. Pham, Hue M.T. Nguyen, M.C. Lin	Computational and Theoretical Chemistry	03/12/2019	Tạp chí ISI, Q2	2210-271X
205	AsiFood and its output and prospects: An Erasmus+ project on capacity building in food safety and quality for South-East Asia	Anal., Y. Waché, V. Louzierb,d, R. Laurent, F. Mens, S. Avallone, W. Mahakarnchanakul, P. Udompijitkulh, C. Tantikitti, T.B.T. Nguyen, P.P. Thao, T.M.T. Nguyen, H.M.X. Nguyen, K. Thong, H. Seingheng, G. Schleinigo, L.F. Lindero, M.-L. Scippo, A	Food Control	05/12/2019	Tạp chí ISI, Q1	
206	Rapid and precise characterization of sub- $\mu$ m surface defects using laser scatterometer devising a polygonal-shaped waveguide with double-slit aperture	Vu Tien Dung, Hyunchul Kim, and Joohyung Lee	Optics express	09/12/2019	Tạp chí SCI, Q1	1094-4087
207	Analyses of nonlinear dynamics of imperfect nanocomposite circular cylindrical shells with swirling annular and internal fluid flow using Higher order shear deformation shell theory	Đình Gia Ninh, Nguyễn Đức Tiến, Vũ Ngọc Việt Hoàng	Engineering Structures	10/12/2019	Tạp chí SCI, Q1	0141-0296
208	Location-partition-based channel allocation and power control methods for C-V2X communication networks	Ping Wang, Meiyang Wu, Chao Wang, Xinhong Wang, Fuqiang Liu, Nguyen Ngoc Van, Aiwei Yin	Wireless Networks	11/12/2019	Tạp chí ISI, Q2	1022-0038 (Print) 1572-8196 (Online)

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209	A hybrid clustering and evolutionary approach for wireless underground sensor network lifetime maximization	Nguyen Thi Tam , Huynh Thi Thanh Binh, Dinh Anh Dung, Phan Ngoc Lan, Le Trong Vinh, Bo Yuan, Xin Yao	Information Sciences	11/12/2019	Tạp chí SCI, Q1	0020-0255
210	Signal Detection Based on Parallel Group Detection Algorithm for High-Load Massive MIMO Systems	Thanh-Binh Nguyen, Minh-Tuan Le, Vu-Duc Ngo	Wireless Communications and Mobile Computing	12/12/2019	Tạp chí ISI, Q3	15308677
211	On the Throughput Performance of TCP Cubic in Millimeter-Wave Cellular Networks	Hoang D. Le, Chuyen T. Nguyen, Vuong V. Mai, Anh T. Pham	IEEE Access	12/12/2019	Tạp chí ISI, Q1	2169-3536
212	Magnetic resonance imaging and micro-computed tomography reveal brain morphological abnormalities in a mouse model of early moderate prenatal ethanol exposure	Van T.Nguyen, Quang M.Tieng, Karine Mardon, Christine Zhang, Suyinn Chong, Graham J.Galloway, Nyoman D.Kurniawan	Neurotoxicology and Teratology	12/12/2019	Tạp chí ISI, Q3	0892-0362
213	Quadrature MC-DCSK Scheme for Chaos-Based Cognitive Radio	Nguyễn Xuân Quyền	International Journal of Bifurcation and Chaos	12/12/2019	Tạp chí ISI, Q1	0218-1274
214	Design, Synthesis and Biological Evaluation of Novel N-hydroxyheptanamides Incorporating 6-hydroxy-2-methylquinazolin-4(3H)-ones as Histone Deacetylase Inhibitors and Cytotoxic Agents	Nguyen Van Minh, Nguyen Thi Thanh, Hoang Thi Lien, Dinh Thi Phuong Anh, Ho Duc Cuong, Nguyen Hai Nam, Pham The Hai, Le Minh-Ngoc, Huong Le-Thi-Thu, Luu Van Chinh, Tran Khac Vu	Anti-Cancer Agents in Medicinal Chemistry	12/12/2019	Tạp chí SCI, Q2	18715206, 18755992
215	Structural and bandgap properties of titanium dioxide nanotube/graphene oxide composites prepared by a facile hydrothermal method	Phan Tan Dat , Vo Cao Minh, Tran Thi Mai Thy, Luu Thi Lan Anh, Nguyen Xuan Sang	Materials Research Express	12/12/2019	Tạp chí SCI, Q2	<a href="https://doi.org/10.1088/2053-1591/ab3a0b">https://doi.org/10.1088/2053-1591/ab3a0b</a>
216	Nationalizing a global phenomenon: A study of how the press in 45 countries and territories portrays climate change	Hong Tien Vua, Yuchen Liua, Duc Vinh Tran	Global Environmental Change	12/12/2019	Tạp chí SCI, Q1	0959-3780
217	High-precision measurement of Cooper-pair mass using rotating spherical-shell superconductor	Le Phuong Hoang, Dai-Nam Le, Duc An Pham, Thi Kim Cuc Nguyen, Thi My An Nguyen, Xuan Cuong Ngo, Thai Duong Hoang, Thanh-Binh Nguyen, Binh Xuan Cao	Materials Letters	13/12/2019	Tạp chí SCI, Q1	0167-577X
218	Effects of Cr-doping on the morphology and optical properties in Zn <sub>2</sub> GeO <sub>4</sub> (ZGO) nanorods prepared by hydrothermal method	Nguyen Mai Cao Hoang Phuong Lan, Cao Xuan Thang, Vuong-Hung Pham, Pham The Kien, Vu Thi Ngoc Minh, Tong Thi Hao Tam	optik	14/12/2019	Tạp chí SCI	0030-4026
219	Effective monitoring and classification of hydrogen and ammonia gases with a bilayer Pt/SnO <sub>2</sub> thin film sensor	Nguyen XuanThai, NguyenVan Duy, NguyenVan Toan, Chu ManhHung, NguyenVan Hieu, Nguyen DucHo	International Journal of Hydrogen Energy	15/12/2019	Tạp chí ISI, Q1	
220	Butanol and gasoline-like blend combustion characteristics for injection conditions of gasoline compression ignition combustion mode	Tung Lam Nguyen, Camille Hespel, Dinh Long Hoang, Christine Mounaïm-Rousselle	Fuel	15/12/2019	Tạp chí SCIE, Q1	ISSN 0016-2361
221	Adaptive backstepping approach for dc-side controllers of Z-source inverters in grid-tied PV system applications	Phuong Vu, Quan Nguyen, Minh Tran, Grazia Todeschini, Surya Santoso	IET Power Electronics	15/12/2019	Tạp chí SCI, Q1	17554543, 17554535

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222	Braking energy recuperation for electric traction drive in urban rail transit network based on control super-capacitor energy storage system	An Thi Hoai Thu Anh, Vu Hoang Phuong, Nguyen Van Lien, Nguyen Thanh Hai	Journal of Electrical Systems	15/12/2019	Tạp chí SCI, Q3	1112-5209
223	A new space-time discretization for phase field model of ferroelectrics based on the Ginzburg-Landau equation	Le Van Lich*, Tinh Quoc Bui, Thanh-Tung Nguyen, Jie Wang, Trong-Giang Nguyen, Van-Hai Dinh	Modelling and Simulation in Materials Science and Engineering	16/12/2019	Tạp chí ISI, Q1	0965-0393
224	Loss Minimization with Optimal Power Dispatch in Multi-Frequency HVac Power Systems	Quan Nguyen ; Keng-Weng Lao ; Phuong Vu ; Surya Santoso	IEEE Transactions on Power Systems	16/12/2019	Tạp chí ISI, Q1	08858950
225	On Robust Control of Nonlinear Teleoperators under Dynamic Uncertainties with Variable Time Delays and without Relative Velocity	Yen-Chen Liu, Phuong Nam Dao, Kai Yong Zhao	IEEE Transactions on Industrial Informatics	16/12/2019	Tạp chí SCIE, Q1	15513203
226	Absorption Behavior of Graphene Nanoplates toward Oils and Organic Solvents in Contaminated Water	Duong Duc La, Tuan Anh Nguyen, Thanh Tung Nguyen, Ha Duc Ninh, Hoai Phuong Nguyen Thi, Tham Thi Nguyen, Duy Anh Nguyen, Trung Dung Dang, Eldon R. Rene, Soon Woong Chang, Hien Tran Thi and Dinh Duc Nguyen	Sustainability	16/12/2019	Tạp chí SCIE, Q2	2071-1050
227	A systematic design of PR current controllers for single-phase LCL-type grid-connected inverters under distorted grid voltage	Phuong Vu, Quan Nguyen, Minh Tran, Duong Tuan, Hung Tran	Journal of Electrical Systems	16/12/2019	Tạp chí SCI, Q3	1112-5209
228	Simulation and Experimental Study of a Synthetic Jet Valveless Pump	Luan Le Van, Tung Thanh Bui, Cuong Nguyen Nhu, An Nguyen Ngoc, Thien Xuan Dinh, Lam Bao Dang, Canh-Dung Tran, Trinh Chu Duc, Van Thanh Dau	IEEE/ASME Transactions on Mechatronics	17/12/2019	Tạp chí ISI, Q1	1083-4435
229	Functional manganese ferrite/graphene oxide nanocomposites: effects of graphene oxide on the adsorption mechanisms of organic MB dye and inorganic As(V) ions from aqueous solution	Pham Thi Lan Huong, Nguyen Tu, Hoang Lan, Le Hong Thang, Nguyen Van Quy, Pham Anh Tuan, Ngo Xuan Dinh, Vu Ngoc Phan and Anh-Tuan Le	The Royal Society of Chemistry	20/12/2019	Tạp chí ISI	
230	Effects of Rotor-Bleeding Airflow on Aerodynamic and Structural Performances of a Single-Stage Transonic Axial Compressor	Cong-Truong Dinh, Dinh-Quy Vu and Kwang-Yong Kim	International Journal of Aeronautical and Space Sciences	20/12/2019	Tạp chí SCIE, Q3	2093-2480 (Online), 2093-274X (Print)
231	Fluctuation diamagnetic susceptibility in type-II superconductors under magnetic field	Le Thi Cam Tuyen, Bui Duc Tinh, Le Minh Thu, Nguyen Quang Hoc and Nguyen Khac Man	International Journal of Modern Physics B	20/12/2019	Tạp chí SCI	1793-6578
232	Dose coefficients of mesh-type ICRP reference computational phantoms for external exposures of neutrons, protons, and helium ions	Yeon Soo Yeom, Chansoo Choi, Haegin Han, Bangho Shin, Thang Tat Nguyen, Min Cheol Han, Chan Hyeong Kim, Choonsik Lee	Nuclear Engineering and Technology	20/12/2019	Tạp chí SCI, Q2	
233	Classification of adaptor proteins using recurrent neural networks and PSSM profiles	Nguyen Quoc Khanh Le, Quang H. Nguyen, Xuan Chen, Susanto Rahardja and Binh P. Nguyen	BMC Genomics	24/12/2019	Tạp chí SCIE, Q1	1471-2164

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235	The shape development of spherical and non-spherical char particles in the flame zone of an entrained-flow gasifier – A numerical study	Cong Bang Nguyen, Johannes Scherer, Qinghua Guo, Sebastian Kriebitzsch, Andreas Richter	International Journal of Heat and Mass Transfer	24/12/2019	Tạp chí ISI, Q1	0017-9310
236	Interfacial parameters in correlation with anti-icing performance	Ba Duc Nguyen, Binh Xuan Cao, Thuy Chi Do, Ha Bich Trinh, Thanh-Binh Nguyen	The Journal of Adhesion	25/12/2019	Tạp chí SCIE, Q1	0021-8464
237	Composition of CNT and WO <sub>3</sub> nanoplate: synthesis and NH <sub>3</sub> gas sensing characteristics at low temperature	Le Xuan Vuong, Duong Vu Truong, Luu Thi Lan Anh, Pham Van Thang, Nguyen Huu Lam, Nguyen Cong Tu	Journal of Metals, Materials and Minerals	27/12/2019	Tạp chí ISI, Q4	2630-0508
238	iProDNA-CapsNet: identifying protein-DNA binding residues using capsule neural networks	Binh P. Nguyen, Quang H. Nguyen, Giang-Nam Doan-Ngoc, Thanh-Hoang Nguyen-Vo, Susanto Rahardja	BMC Bioinformatics	27/12/2019	Tạp chí SCIE, Q1	1471-2105
239	Identifying RNA pseudouridine sites using random forest and NCP-encoded features	Thanh-Hoang Nguyen-Vo, Quang H. Nguyen, Trang T.T. Do, Thien-Ngan Nguyen, Susanto Rahardja, Binh P. Nguyen, iPseU-NCP	BMC Genomics	30/12/2019	Tạp chí SCI, Q1	
240	Vibration of cylindrical shells made of three layers W-Cu composite containing heavy water using Flügge-Lur'e-Bryrne theory	Đình Gia Ninh, Nguyễn Đức Tiến, Vũ Ngọc Việt Hoàng, Đào Huy Bích	Thin-Walled Structures	31/12/2019	Tạp chí ISI, Q1	0263-8231
241	New Dual Stop-Bands EBG-DGS Structure and Its Application in Antenna for Lower Bands 5G	Duong Thi Thanh Tu, Nguyen Van Tan, Nguyen Viet Hung, Vu Van Yem	International Journal of Microwave and Optical Technology	01/01/2020	Tạp chí ISI, Q4	1553-0396
242	Compacting ciphertext in multi-channel broadcast encryption and attribute-based encryption	Minh Ha Le, Vinh Duc Tran, Van Anh Trinh, Viet Cuong Trinh	Theoretical Computer Science	01/01/2020	Tạp chí ISI, Q1	0304-3975
243	Effect of operating conditions and geometric structure on the gas crossover in PEM fuel cell	The-Truc Nguyen, Kazuyoshi Fushinobu	Sustainable Energy Technologies and Assessments	01/01/2020	Tạp chí SCIE, Q1	ISSN 2213-1388
244	Domain structure and oxygen-pockets in the silica melt under pressure	P.K. Hung, L.T. Vinh, N.T. Ha, G.T.T. Trang, N.V. Hong	Journal of Non-Crystalline Solids	01/01/2020	Tạp chí SCI, Q1	2590-1591
245	Combined numerical and experimental study to predict the forming limit curve of boron steel sheets at elevated temperatures	Nguyen Duc-Toan, Kim Young-Suk	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	01/01/2020	Tạp chí SCI, Q1	0954-4054
246	Constructing D-Efficient Mixed-Level Foldover Designs Using Hadamard Matrices	Nam-Ky Nguyen (VIASM), Tung-Dinh Pham (VNU), Mai Phuong Vuong (HUST)	Technometrics	01/01/2020	Tạp chí SCI, Q1	0040-1706
247	Lead-free hybrid organic-inorganic perovskites for solar cell applications,	Vu Ngoc Tuoc, Tran Doan Huan,	J. Chem. Phys.	03/01/2020	Tạp chí ISI, Q1	ISSN 0021-9606
248	Defect-Mediated Room Temperature Ferromagnetism in Lead-Free Ferroelectric Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> Materials	D. D. Dung, N. Q. Dung, N. B. Doan, N. H. Linh, L. H. Bac, N. N. Trung, N. V. Duc, L.T. H. Thanh, L. V. Cuong, D. V. Thiet & S. Cho	Journal of Superconductivity and Novel Magnetism	04/01/2020	Tạp chí ISI, Q3	1557-1947
249	Defect-Mediated Room Temperature Ferromagnetism in Lead-Free Ferroelectric Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> Materials	D. D. Dung, N. Q. Dung, N. B. Doan, N. H. Linh, L. H. Bac, N. N. Trung, N. V. Duc, L.T. H. Thanh, L. V. Cuong, D. V. Thiet, S. Cho	Journal of Superconductivity and Novel Magnetism	04/01/2020	Tạp chí ISI, Q3	1557-1939

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251	svBLOCK: Mitigating Black Hole Attack in Low-power and Lossy Networks	Sonxay Luangoudom, Duc Tran, Tuyen Nguyen, Hai Anh Tran, Giang Nguyen, Quoc Trung Ha	International Journal of Sensor Networks	05/01/2020	Tạp chí SCIE, Q3	1748-1287
252	A novel synthesis of nanoflower-like zinc borate from zinc oxide at room temperature	Vũ Thị Tân, La Thế Vinh, Lê Tự Quỳnh, Huỳnh Thu Sương, Huỳnh Đăng Chính	Materials Research Express	06/01/2020	Tạp chí ISI, Q2	2053-1591
253	Chattering-Free Single-Phase Robustness Sliding Mode Controller for Mismatched Uncertain Interconnected Systems with Unknown Time-Varying Delays	Cong-Trang Nguyen, Thanh Long Duong, Minh Quan Duong, Duc Tung Le	Energies	06/01/2020	Tạp chí SCIE, Q2	1996-1073
254	A study on experiment and simulation to predict the spring-back of SS400 steel sheet in large radius of V-bending process	Vuong Gia-Hai, Nguyen Thi-Hong-Minh and Duc-Toan Nguyen	Materials Research Express	06/01/2020	Tạp chí SCIE, Q2	2053-1591
255	Nonlinear vibration of microbeams based on the nonlinear elastic foundation using the equivalent linearization method with a weighted averaging	Van-Hieu Dang, Dong-Anh Nguyen, Minh-Quy Le, Quang-Hai Ninh	Archive of Applied Mechanics	06/01/2020	Tạp chí SCI, Q2	0939-1533
256	Method To Synthesize Micronized Spherical Carbon Particles from Lignin	Hoi Chun Ho, Peter V Bonnesen, Ngoc A Nguyen, David A Cullen, David Uhrig, Monojoy Goswami, Jong K Keum, Amit K Naskar	Industrial & Engineering Chemistry Research (ACS)	08/01/2020	Tạp chí ISI, Q1	1520-5045
257	Enhanced photocatalytic performance of polymeric carbon nitride through combination of iron loading and hydrogen peroxide treatment	Vu Viet Thang, Stephan Bartling, Tim Peppel, Henrik Lund, Carsten Kreyenschulte, Jabor Rabeah, Nikolaos G. Moustakas, Annette-Enrica Surkus, Ta Hong Duc, Norbert Steinfeldt	Colloids and Surfaces A	08/01/2020	Tạp chí ISI, Q2	0927-7757
258	Biological responses of MC3T3-E1 on calcium carbonate coatings fabricated by hydrothermal reaction on titanium	Le Thi Bang, Rui Shi, Bui Duc Long, S.Ramesh, Shi Xingling, Yuki Sugiura, Kunio Ishikawa	Biomedical Materials	08/01/2020	Tạp chí ISI, Q1	1748-605X
259	Theoretical Study of the Kinetics of the Gas-Phase Reaction between Phenyl and Amino Radicals.	Tien V Pham, Hoang T Tue Trang, Trinh Le Huyen, Tue Ngoc Nguyen	Omega	08/01/2020	Tạp chí SCI, Q1	2470-1343
260	An efficient strategy for using multifactorial optimization to solve the clustered shortest path tree problem	Pham Dinh Thanh, Huynh Thi Thanh Binh, Tran Ba Trung	Applied Intelligence	09/01/2020	Tạp chí SCIE, Q2	1573-7497
261	Catalytic Conversion of Glucose into 5- Hydroxymethyl Furfural Over Cu-Cr/ ZSM-5 Zeolite	Nguyen Hoang Chung, Vo Thi Oanh, Luong Kim Thoa, Phan Huy Hoang	Catalysis Letters	10/01/2020	Tạp chí ISI, Q2	1011-372X
262	Elastic structure for a multi-axis force- torque sensor	Manh-Tuan Ha, Chul-Goo Kang	Journal of Mechanical Science and Technology	10/01/2020	Tạp chí SCIE, Q2	1738-494X
263	Design and Fabrication of a PDMS-Based Manual Micro-Valve System for Microfluidic Applications	Tu N. Le, Van-Anh Nguyen, Giang L. Bach, Lam D. Tran, Ha H. Cao	Advances in Polymer Technology	12/01/2020	Tạp chí SCI, Q2	07306679/10982329
264	Evaluation of energy intensity of transport service sectors in Vietnam	Pham Thi Hue, Nguyen Thi Anh Tuyet*	Environmental Science and Pollution Research	13/01/2020	Tạp chí SCIE, Q1	ISSN 0944-1344

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265	Spray, combustion, performance and emission characteristics of a common rail diesel engine fueled by fish-oil biodiesel blends	Tuan Nghia Nguyen, Minh Hieu Pham, Tuan Le Anh	Fuel	14/01/2020	Tạp chí SCI, Q1	
266	Decision tree techniques to assess the role of daily DO variation in classifying shallow eutrophicated lakes in Hanoi, Vietnam	Thu-Huong T. Hoang, Viet D. Nguyen, Anh D. Van and Hien T. T. Nguyen	Water Quality Research Journal	15/01/2020	Tạp chí SCIE, Q3	12013080
267	Structural transition, electrical and magnetic properties of Cr doped Bi0.9Sm0.1FeO3 multiferroics	P.T.Phong, N.H.Thoan, N.T.M.Hong, N.V.Hao, L.T.Ha, T.N.Bach, T.D.Thanh, C.T.A.Xuan, N.V.Quang, N.V.Dang, T.A.Ho, P.T.Tho	Journal of Alloys and Compounds	15/01/2020	Tạp chí SCI, Q1	
268	Tuning SPP propagation length of hybrid plasmonic waveguide by manipulating evanescent field	Nguyen Thanh Huong, Nguyen Duy Vy, Minh-Tuan Trinh, Chu Manh Hoang	Optics Communications	16/01/2020	Tạp chí ISI, Q1	0030-4018
269	In Situ Synthesis and Characterization of ZnO/Chitosan Nanocomposite as an Adsorbent for Removal of Congo Red from Aqueous Solution	Nhu Thanh Nguyen, Ngoc Thinh Nguyen, Van Anh Nguyen	Advances in Polymer Technology	17/01/2020	Tạp chí SCIE, Q2	1098-2329
270	Modal characteristics and the tunability of horizontal hybrid gap plasmonic waveguide	Nguyen Thanh Huong, Chu Manh Hoang	Applied Physics B	18/01/2020	Tạp chí ISI, Q1	1432-0649
271	A Theoretical study of the Kinetics of the Gas-Phase Reaction between Phenyl and Amino Radicals	Tien V. Pham, Hoang T. Tue Trang, Trinh Le Huyen, Tue Ngoc Nguyen	ACS Omega	19/01/2020	Tạp chí ISI, Q1	2470-1343
272	Efficient meta-heuristic approaches in solving minimal exposure path problem for heterogeneous wireless multimedia sensor networks in internet of things	Nguyen Thi My Binh, Huynh Thi Thanh Binh, Nguyen Van Linh, Shui Yu	Applied Intelligence	20/01/2020	Tạp chí ISI, Q2	1573-7497
273	A new far-red emission from Zn2SnO4 powder synthesized by modified solid state reaction method	L.T.T.Vien, Nguyen Tu, Manh Trung Tran, Nguyen Van Du, D.H.Nguyen, D.X.Viet, N.V.Quang, D.Q.Trung, P.T.Huy	Optical Materials	21/01/2020	Tạp chí ISI	0925-3467
274	Coupling of a conductive Ni3(2,3,6,7,10,11-hexaiminotriphenylene)2 metal-organic framework with silicon nanoparticles for use in high-capacity lithium-ion batteries	Aqsa Nazir, Hang T. T. Le, Chan-Woo Min, Arvind Kasbe, Jaekook Kim, Chang-Soo Jin and Chan-Jin Park	Nanoscale	21/01/2020	Tạp chí ISI, Q1	2040-3372
275	Precipitation of M23C6 Secondary Carbide Particles in Fe-Cr-Mn-C Alloy during Heat Treatment Process	Nguyen Thi Hoang Oanh; Nguyen Hoang Viet	Metals	21/01/2020	Tạp chí SCIE, Q2	2075-4701
276	A novel motion cueing algorithm integrated multi-sensory system-Vestibular and proprioceptive system	Pham Duc-An, Nguyen Duc-Toan	Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics	22/01/2020	Tạp chí SCIE, Q2	1464-4193
277	Computer simulation of local microstructure and dynamics in aluminum-silicate melt	L.T.Vinh, P.K.Hung, To Ba Van, N.V.Hong	Modelling and Simulation in Materials Science and Engineering	22/01/2020	Tạp chí SCI, Q1	0965-0393
278	The study of structure and dynamics of liquid Al2O3·2SiO2 at higher temperatures	P. H. Kien, N. V. Yen & N. V. Hong	Phase Transitions	23/01/2020	Tạp chí ISI, Q3	0141-1594

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280	Molecularly Imprinted Polyaniline Nanowire Based Electrochemical Biosensor for Chloramphenicol Detection: A Kinetic Study of Aniline Electropolymerization	Thi Xuan Chu, Van Phu Vu, Hong Thuy Tran, Thi Luyen Tran, Quang Thinh Tran, Tu Le Manh	Journal of The Electrochemical Society	24/01/2020	Tạp chí ISI, Q1	1945-7111
281	Fabrication of Antibacterial Nanofibers Composites by Functionalizing the Surface of Cellulose Acetate Nanofibers	Muhammad Qamar Khan, Davood Kharaghani, Sanaullah, Amir Shahzad, Nam Phan Duy, Yohei Hasegawa, Azeemullah, Jungsoon Lee, Ick Soo Kim	ChemistrySelect	24/01/2020	Tạp chí ISI, Q2	2365-6549
282	Molecularly Imprinted Polyaniline Nanowire-Based Electrochemical Biosensor for Chloramphenicol Detection: A Kinetic Study of Aniline Electropolymerization	Thi-Xuan Chu, Van-Phu Vu, Hong-Thuy Tran, Thi-Luyen Tran, Quang-Thinh Tran, and Tu Le Manh	Journal of The Electrochemical Society	24/01/2020	Tạp chí ISI, Q1	00134651
283	Varietal Classification of Rice Seeds using RGB and Hyperspectral Images	Samson Fabiyi, Hai Vu, Christos Tachtatzis, Paul Murray, David Harle, Trung-Kien Dao, Ivan Andonovic, Jinchang Ren, and Stephen Marshall	IEEE Access	27/01/2020	Tạp chí ISI, Q1	22493 - 22505
284	Representation of Weinstein k-Monogenic Functions by Differential Operators	Doan Cong Dinh, Luong Thi Tuyet	Complex Analysis and Operator Theory	28/01/2020	Tạp chí ISI, Q3	Print ISSN 1661-8254
285	Design study of printer nozzle spray dryer by computational fluid dynamics modeling	Maciej Jaskulski, Thi Thu Hang Tran, Evangelos Tsotsas	Drying Technology	30/01/2020	Tạp chí SCI, Q1	07373937
286	Monitoring the levels of brominated and organophosphate flame retardants in passenger cars: Utilisation of car air filters as active samplers	Long K. Tran, ChangHe, Dam HoangPhuc, Leisa-Maree L. Toms, Xianyu Wang, MengXiu, Jochen F. Mueller, Adrian Covaci, Lidia Morawska, Phong K. Thai	Journal of Environmental Sciences	31/01/2020	Tạp chí ISI, Q1	10010742
287	Improvement of SiC Crystal Growth Rate and Uniformity via Top-Seeded Solution Growth Under External Static Magnetic Field: A Numerical Investigation	Minh-Tan Ha, Le Van Lich, Yun-Ji Shin, Si-Young Bae, Myung-Hyun Lee, and Seong-Min Jeong	Materials	01/02/2020	Tạp chí ISI, Q2	1996-1944
288	Synthesis of nitrogen-doped ordered mesoporous carbon with enhanced lithium storage performance from natural kaolin clay	Hang T. T. Le, Trung-Dung Dang, Nam T. H. Chu, Chan-Jin Park	Electrochimica Acta	01/02/2020	Tạp chí ISI, Q1	0013-4686
289	Numerical investigation on a low energy-consumption heating method for recirculating aquaponic systems	Tạ Văn Chương	Computers and Electronics in Agriculture	01/02/2020	Tạp chí SCIE, Q1	ISSN: 0168-1699
290	Second-order Necessary Optimality Conditions for an Optimal Control Problem	Nguyen Thi Toan. Le Quang Thuy	Taiwanese Journal of Mathematics	01/02/2020	Tạp chí SCI, Q3	1027-5487 (print), 2224-6851 (online)
291	A study on the bidding strategy of the Virtual Power Plant in energy and reserve market	Huy Nguyen-Duc, Nhung Nguyen-Hong	Energy Reports	01/02/2020	Tạp chí SCI, Q1	ISSN: 23524847
292	Optimal Design of TEFC IM and Experimental prototype testing for city battery electric vehicle	TV. Tran, E. Nègre, K. Mikati, P. Pelleray and B. Assaad	IEEE Transaction on Industry Application	01/02/2020	Tạp chí SCI, Q1	0093-9994

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294	Enhanced H2S gas-sensing performance of a-Fe2O3 nanofibers by optimizing process conditions and loading with reduced graphene oxide	Nguyen Van Hoang, Chu Manh Hung, Nguyen Duc Hoa, Nguyen Van Duy, Nguyen Van Toan, Hoang Si Hong, Phung Thi Hong Van, Nguyen Tang Son, Soon-Gil Yoon, Nguyen Van Hieu	Journal of Alloys and Compounds 826 (2020)	04/02/2020	Tạp chí ISI, Q1	0925-8388
295	Zeotype SAPO-34 Synthesized by Combination of Templates for the Gasification of Biomass	Tuan Doan, Khang Nguyen, Phong Dam, Nga Pham, Quan Vu, Thanh Huyen Vuong, Thanh Huyen Pham, Minh Thang Le	Chemical Engineering & Technology	04/02/2020	Tạp chí ISI, Q2	
296	Functionalized-AgNPs for Long-Term Stability and Its Applicability in the Detection of Manganese Ions	Van-Tuan Hoang, Mai Mai, Le Thi Tam, Ngoc Phan Vu, Nguyen Tien Khi, Phuong Dinh Tam, Tran Quang Huy, Anh-Tuan Le, Ngo Xuan Dinh, Vinh-Hoang Tran	Advances in Polymer Technology	07/02/2020	Tạp chí SCIE, Q2	1098-2329
297	Parabolic evolution equations in interpolation spaces: boundedness, stability, and applications	Vũ Thị Ngọc Hà, Nguyễn Thiệu Huy, Vũ Thị Mai	Zeitschrift für angewandte Mathematik und Physik	07/02/2020	Tạp chí SCIE, Q2	0044-2275
298	An Investigation on Kinetic and Thermodynamic Parameters of Methylene Blue Adsorption onto Graphene-Based Nanocomposite	Hoang V. Tran, Ly T. Hoang, Chinh D. Huynh	Chemical Physics	07/02/2020	Tạp chí SCI, Q2	0301-0104
299	Convergence rate of a new projected-type algorithm solving non-Lipschitz equilibrium problems	Trinh Ngoc Hai	Computational and Applied Mathematics	08/02/2020	Tạp chí SCIE, Q3	2238-3603
300	Densification mechanism of GeO2 glass under high pressure: insight from analyzation and visualization of molecular dynamics data	N V Hong, N M Anh, N T T Trang, T T Nguyet, N V Linh	Computational Materials Science	09/02/2020	Tạp chí SCI, Q1	0927-0256
301	A study on mixing performance of dean flows through spiral micro-channel under various effects	I. L. Ngo, T. K. Lai, H. J. Choi, H. T. T. Le, G. M. Kim, and T. D. Dang	Physics of Fluids	11/02/2020	Tạp chí ISI, Q1	1070-6631
302	A study on mixing performance of dean flows through spiral micro-channel under various effects	I. L. Ngo, T. K. Lai, H. J. Choi, H. T. T. Le, G. M. Kim, and T. D. Dang	Physics of Fluids	11/02/2020	Tạp chí SCI, Q1	1070-6631
303	A tripolarized antenna wit ultra-wide operational bandwidth	Tạ Sơn Xuất, Nguyễn Danh Mạnh, Nguyễn Khắc Kiểm, Đào Ngọc Chiến, Nguyễn Trọng Nghĩa	IEEE Transaction on Antenna Propagation	14/02/2020	Tạp chí ISI, Q1	0018-926X
304	A review of history, development, design and research of electric bicycles	Nguyen Ba Hung, Ocktaeck Lim	Applied Energy	14/02/2020	Tạp chí ISI, Q1	0306-2619
305	Magnetic properties of (1-x)Bi0.5Na0.5TiO3+xSrCoO3 - δ solid-solution materials	Dang Duc Dung, Nguyen The Hung	Applied Physics A	14/02/2020	Tạp chí ISI, Q2	1432-0630
306	Prediction of the critical properties: A simple accurate strategy applied to environmentally friendly substances HFOs	Lại Ngọc Anh	Fluid Phase Equilibria	15/02/2020	Tạp chí SCI, Q1	0378-3812

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308	PCA-Aided Linear Precoding in Massive MIMO Systems with Imperfect CSI	Van-Khoi Dinh, Minh-Tuan Le, Vu-Duc Ngo, Chi-Hieu Ta	Wireless Communications and Mobile Computing	24/02/2020	Tạp chí ISI, Q2	1530-8677
309	Synthesis of Nano-Flakes Ag•ZnO•Activated Carbon Composite from Rice Husk as A Photocatalyst under Solar Light	Anh-Tuan Vu, Thi Anh Tuyet Pham, Thi Thuy Tran, Xuan Truong Nguyen, Thu Quynh Tran, Quang Tung Tran, Trong Nghia Nguyen, Tuan Van Doan, Thao Duong Vi, Cong Long Nguyen, Chang-Ha Lee	Bulletin of Chemical Reaction Engineering & Catalysis	28/02/2020	Tạp chí ISI, Q3	1978-2993
310	Reusable Embedded Microcoils for Magnetic Nano-Beads Trapping in Microfluidics: Magnetic Simulation and Experiments	Olivier Lefebvre, Hong Ha Cao, Meritxell Cortés Francisco, Marion Woytasik, Elisabeth Dufour-Gergam, Mehdi Ammar, Emile Martincic	Micromachines	28/02/2020	Tạp chí SCIE, Q2	2072666X
311	A DDoS Attack Mitigation Scheme in ISP Networks Using Machine Learning Based on SDN	Tuan Nguyen Ngoc, Hung Pham Huy, Nghia Nguyen Danh, Tho Nguyen Van, Trung Phan Van, and Nguyen Huu Thanh	MDPI Electronics Journal (Networks Section), Special Issue on Future Networks: New Advances and Challenges	29/02/2020	Tạp chí ISI, Q3	2079-9292
312	Defects of the steel billet in continuous casting	Anh-Hoa Bui, Van-Hung Nguyen	Journal of Metals Materials and Minerals	01/03/2020	Tạp chí ISI, Q4	0857-6149
313	Preparation and characterization of a chitosan/MgO composite for the effective removal of reactive blue 19 dye from aqueous solution	Nguyen Kim Nga, Nguyen Thi Thuy Chau, Pham Hung Viet	Journal of Science: Advanced Materials and Devices	01/03/2020	Tạp chí ISI, Q1	ISSN 2468-2179
314	A Novel Method for Recognizing Vietnamese Voice Commands on Smartphones with Support Vector Machine and Convolutional Neural Networks	Nguyễn Hồng Quang, Cao Tuấn Dũng	Hindawi Wireless Communications and Mobile Computing	01/03/2020	Tạp chí ISI, Q2	1530-8669
315	Paracetamol detection at a modified electrode based on Platinum nanoparticles immobilised on Al-SBA-15 composite material	Thi Thanh Hien NGO, Ioana Carmen FORT, Thanh Huyen PHAM, Graziella Liana TURDEAN	Studia Universitatis Babes-Bolyai Chemia	01/03/2020	Tạp chí SCIE, Q4	1224-7154, 2065-9520
316	A Simple Synthesis of the Anticancer Drug Altretramine	Vu Binh Duong, Pham Van Hien, Tran Thai Ngoc, Phan Dinh Chau, Tran Khac Vu*	Letters in Organic Chemistry	01/03/2020	Tạp chí SCIE	15701786
317	SYNTHESIS OF NANO-URCHIN Mo-DOPED VO2 PARTICLES BY THE HYDROTHERMAL METHOD	N. T. Manh , N. T. Thanh , P. D. Tam , V. T. N. Minh , C. X. Thang , V.-H. Pham	Journal of Applied Spectroscopy	01/03/2020	Tạp chí SCIE, Q4	1573-8647
318	An Efficient Procedure for the Synthesis of 21-Acetoxypregna-1,4,9(11),16-tetraene-3,20-dione	Luu D. Huy, Nguyen T. Diep, Tran K. Vu, Tatiana S. Savinova and Marina V. Donova	Combinatorial Chemistry & High Throughput Screening	01/03/2020	Tạp chí SCIE, Q3	
319	Effect of simulant ash on carbon dissolution reaction and wettability between iron-carbon sample and simulant coke substrate in the early stage of contact period	Cao Son Nguyen, Ko-ichiro Ohno, Takayuki Maeda, Anh-Hoa Bui, Kazuya Kunitomo	Chiang Mai Journal of Science	01/03/2020	Tạp chí SCIE, Q4	0125-2526

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321	Uncoupled ductile fracture criterion considering secondary void band behaviors for failure prediction in sheet metal forming	Quach Hung, Jin-Jae Kim, Duc-Toan Nguyen, Young-Suk Kim	International Journal of Mechanical Sciences	01/03/2020	Tạp chí SCI, Q1	0020-7403
322	Food safety risks in traditional fermented food from South-East Asia	Anil Kumar Anal, Giorgia Perpetuini, Awanwee Petchkongkaew, Reasmey Tan, Sylvie Avallone, Rosanna Tofalo, Hai Van Nguyen, Son Chu-Ky, Phu Ha Ho, Thanh Tam Phan, Yves Waché	Food Control	02/03/2020	Tạp chí ISI, Q1	0956-7135
323	Applicability of Montmorillonite Immobilized in Hydrogel for the Determination of Labile Cd, Pb, Mn, and Zn in Water Using Diffusive Gradient in Thin Films (DGT)	Hong Lien Nguyen, Anh Tuan Phung, Thi Hai Nam Chu, Anh Vu Nguyen, Han Long Nguyen & Bich Huong La	Water, Air and Soil Pollution	02/03/2020	Tạp chí ISI, Q2	0049-6979
324	Eliminating the Effect of Uncertainties of Cutting Forces by Fuzzy Controller for Robots in Milling Process	Phan Bui Khoi, Ha Thanh Hai, Hoang Vinh Sinh	Applied Sciences	02/03/2020	Tạp chí SCIE, Q1	2076-3417
325	Gamma Spectrum Stabilization for Environmental radiation monitoring stations using NaI(Tl) detector	Dinh Tien Hung, Cao Van Hiep, Pham Dinh Khang, Nguyen Xuan Hai, Nguyen Ngoc Anh, D A Dinh, T V Nhan Hao, V Pham	Radiation Protection Dosimetry	02/03/2020	Tạp chí SCIE, Q3	1742-3406
326	Influence of working temperature on the structure and gas-sensing properties of $\gamma$ -FeOOH submicron spheres	Vu Xuan Hien, Pham Tien Hung	Materials Science in Semiconductor Processing	02/03/2020	Tạp chí SCI, Q2	1369-8001
327	Hydrothermal synthesis and ethanol-sensing properties of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> hollow nanospindles	Dang Duc Vuong, Luong Huu Phuoc, Vu Xuan Hien, Nguyen Duc Chien	Materials Science in Semiconductor Processing	02/03/2020	Tạp chí SCI, Q2	1369-8001
328	Efficient Hydrogenation Catalytic Model Hosted in Stable Hypercrosslinked Porous-Organic-Polymer: From Fatty Acids to Bio-based Alkanes Diesel Synthesis	Chitra Sarkar, Subhash Chandra Shit, Duy Quang Dao, Jihyeon Lee, Ngoc Han Tran, Ramana Singuru, Kwangjin An, Nguyen Dang Nam, Quyet Van Le, Prince Nana Amaniampong, Asmaa Drif, Francois Jerome, Pham Thanh Huyen, Thi To Nga Phan, Dai-Viet N. Vo, Nguyen Thanh Binh, Quang Thang Trinh, Matthew P. Sherburne, John Mondal,	Green Chemistry	02/03/2020	Tạp chí SCI, Q1	14639262, 14639270
329	Distributed Adaptive Neural Network Control Applied to a Formation Tracking of a Group of Low-Cost Underwater Drones in Hazardous Environments	Hoang Anh Pham, Thierry Soriano, Van Hien Ngo, Valentin Gies	Applied Sciences — Open Access Journal	03/03/2020	Tạp chí SCIE, Q1	2076-3417
330	Network cavity, spatial distribution of sodium and dynamics in sodium silicate melts	To Ba Van, P. K. Hung L. T. Vinh,, N. T. T. Ha, L. T. San and Fumiya Noritake	Journal of Materials Science	03/03/2020	Tạp chí SCI, Q1	
331	Development of Bra Pressure Measuring System Using Air Pressure Sensor	H. N. Luu Thi, T. Nguyen Nhat, L. N. Thi Dieu and L. Thi	Ingenieria Solidaria	04/03/2020	Tạp chí ISI, Q3	e-ISSN 2357-6014
332	Broadband dual-polarized omnidirectional antenna with simple feeding structure	Tạ Sơn Xuất	International journal of RF and Microwave computer-aided engineering	04/03/2020	Tạp chí ISI, Q2	1099-047X

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333	Plugging criteria and stress determination for high-pressure feedwater heater tubes with local wall-thinning	Hong Bo Dinh, Kee Bong Yoon	Nuclear Engineering and Design	04/03/2020	Tạp chí SCI, Q1	0029-5493
334	Detection of multiple complicated flaw clusters using dynamic XFEM with local mesh refinement and a novel three-step detection algorithm	Chunping Ma, Tiantang Yu, Le Van Lich, Nguyen Thanh-Tung, Tinh Quoc Bui	European Journal of Mechanics/A Solids	05/03/2020	Tạp chí ISI, Q1	0997-7538
335	Influenced of Bi(Ti1/2Ni1/2)O3 concentration on the structural, optical and magnetic properties of lead-free Bi1/2Na1/2TiO3 materials	D.D.Dung, M.M.Hue, N.Q.Dung, L.T.K.Phuong, L.H.Bac, N.X.Duong, P.D.Luong, N.A.Duc, N.N.Trung, N.H.Thoan, and D.Odkhuu	Vacuum	06/03/2020	Tạp chí ISI, Q2	0042-207X
336	Growth and gas sensing properties of methylammonium tin iodide thin film	Vu Xuan Hien, Pham Tien Hung, Jeongwoo Han, Sangwook Lee, Joon-Hyung Lee, Young-Woo Heo	Scripta Materialia	06/03/2020	Tạp chí SCI, Q1	1359-6462
337	A discrete convolution involving Fourier sine and cosine series and its applications	N. X. Thao, V. K. Tuan and N. A. Dai	Integral Transforms & Special Function	07/03/2020	Tạp chí SCIE, Q4	1065 - 2469
338	Sulfate Reduction for Bioremediation of AMD Facilitated by an Indigenous Acid and Metal-Tolerant Sulfate-Reducer	Hai Thi Nguyen, Huong Lan Nguyen, Minh Hong Nguyen, Thao Kim Nu Nguyen, and Hang Thuy Dinh	Journal of Microbiology and Biotechnology	09/03/2020	Tạp chí ISI, Q2	eISSN 1738-8872; pISSN 1017-7825
339	Probing age-related changes in cardio-respiratory dynamics by multimodal coupling assessment	Chen Lin, Pei-Feng Lin, Chen-Hsu Wang, Chung-Hau Juan, Thi-Thao Tran, Van-Truong Pham, Chun-Tung Nien, Yenn-Jiang Lin, Cheng-Yen Wang, Chien-Hung Yeh, Men-Tzung Lo,	Chaos: An Interdisciplinary Journal of Nonlinear Science	09/03/2020	Tạp chí ISI, Q1	1054-1500
340	Single-Diode Models of PV Modules: A Comparison of Conventional Approaches and Proposal of a Novel Model	Tuyen Nguyen-Duc, Huy Nguyen-Duc, Thinh Le-Viet, Hirotaka Takano	Energies	11/03/2020	Tạp chí ISI, Q1	1996-1073
341	Copper-Iron Bimetal Ion-Exchanged SAPO-34 for NH3-SCR of NOx	Tuan Doan, Phong Dam, Khang Nguyen, Thanh Huyen Vuong, Minh Thang Le, Thanh Huyen Pham	Catalysts	11/03/2020	Tạp chí ISI, Q2	20734344
342	Dual-Core Photonic Crystal Fiber-Based Plasmonic RI Sensor in the Visible to Near-IR Operating Band	Mohammad Al Mahfuz, Md. Anwar Hossain, Emranul Haque, Nguyen Hoang Hai, Yoshinori Namihira, Feroz Ahmed	IEEE Sensors Journal	12/03/2020	Tạp chí ISI, Q1	1558-1748
343	Four-wave mixing in spin-orbit coupled Bose-Einstein condensates	Viet Hung Nguyen, Piotr Szankowski, Konotop Vladimir and Marek Trippenbach	New Journal of Physics	12/03/2020	Tạp chí SCI, Q1	
344	Alternative Renormalizable Minimal SO(10) GUTs and Data Fitting	Takeshi Fukuyama, Nobuchika Okada, Hieu Minh Tran	Nuclear Physics B	12/03/2020	Tạp chí SCI, Q1	0550-3213
345	Zinc Oxide Nanoparticles Incorporated on Polyacrylonitrile Nanofibers with Hinokitiol as Gluing Agent for Effective Dye Removal	Duy-Nam Phan	FIBER	14/03/2020	Tạp chí SCI, Q4	1884-2259
346	Constructing response surface designs with orthogonal quadratic effects using cyclic generators	Tung-Dinh Pham (VNU), Nam-Ky Nguyen (VIASM), Cuong-Manh Tran (VNU), Mai Phuong Vuong (HUST)	Chemometrics and Intelligent Laboratory Systems	15/03/2020	Tạp chí SCI, Q1	0169-7439
347	Study of semi-linear sigma-evolution equations with frictional and visco-elastic damping	Tuan Anh Dao, Hironori Michihisa	Communications on Pure and Applied Analysis	15/03/2020	Tạp chí SCI, Q2	1534-0392

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349	Facile Synthesis of MnO <sub>2</sub> @SiO <sub>2</sub> /Carbon Nanocomposite-based Gold Catalysts from Rice Husk for Low-Temperature CO Oxidation	Xuan-Dien Luong <sup>1,3</sup> · Quynh-Trang Luu <sup>1</sup> · Tien-Thanh Nguyen <sup>5</sup> · Dang-Chinh Huynh <sup>1</sup> · Ngo Duc Quan <sup>4</sup> · Masamichi Yoshimura <sup>2</sup> · Tamao Ishida <sup>3</sup>	Catalysis Letters	17/03/2020	Tạp chí ISI	1572-879X
350	Indium Recovery from Aqueous Solution Containing Oxalic Acid – Enhancement by Using Hydrophobic Membranes	Đặng Thị Tuyết Ngân, Da-Ming Wang, Shih-Yu Huang, Trần Trung Kiên	Separation and Purification Technology	18/03/2020	Tạp chí ISI, Q1	ISSN: 1383-5866
351	A new approach for the fabrication of tetragonal BaTiO <sub>3</sub> nanoparticles	Vũ Thị Tản; La Thế Vinh; Vũ Minh Khôi, Phạm Văn Tuấn; Trần Ngọc Khiêm; Huỳnh Đăng Chinh	Journal of Nanoscience and Nanotechnology	20/03/2020	Tạp chí ISI, Q3	1533-4880
352	Predictive reliability and validity of hospital cost analysis with dynamic neural network and genetic algorithm	Le Hoang S., Angelo Ciaramella, Duong Thi Thu, Antonino Staiano, Tran Manh Tuan, Pham Van Hai	Neural Computing and Applications	20/03/2020	Tạp chí SCI, Q1	E 1433-3058 Print ISSN 0941-0643
353	A New Oleanane Type Saponin from the Aerial Parts of Elaeocarpus hainanensis	Nguyen Hung Tung, Pham Quang Duong, Dinh Thi Phuong Anh, Nguyen Thi Thuy My, Le Dang Quang, Vu Dinh Hoang	Rec. Nat. Prod	23/03/2020	Tạp chí ISI	1307-6167
354	Coupled-mode-induced transparency and attenuation resulting from cross-polarization coupling	Khoa V. Bui and A. T. Rosenberger	Physical Review A	23/03/2020	Tạp chí ISI, Q1	2469-9926
355	Premelting Induced Agglomeration of Hydrates: Theoretical Analysis and Modeling	Ngoc N. Nguyen, Rüdiger Berger, Hans-Jürgen Butt	ACS Applied Materials & Interfaces	25/03/2020	Tạp chí ISI, Q1	1944-8244 (Print edition)/1944-8252 (Web edition)
356	Dual-polarized omnidirectional antenna with simple feed and ultra-wide bandwidth	Tạ Sơn Xuất, Nguyễn Danh Mạnh, Nguyễn Khắc Kiêm, Đào Ngọc Chiến, Nguyễn Trọng Nghĩa	IEEE Antennas and Wireless Propagation Letters	27/03/2020	Tạp chí ISI, Q1	1548-5757
357	Numerical Aero-Thermal Study of High-Pressure Turbine Nozzle Guide Vane: Effects of Inflow Conditions	H. M. Phan, P. H. Duan and C. T. Dinh	Physic of Fluid	27/03/2020	Tạp chí ISI, Q1	Print: ISSN 1070-6631 Online: ISSN 1089-7666
358	Manuka honey incorporated cellulose acetate nanofibrous mats: Fabrication and in vitro evaluation as a potential wound dressing	Azeem Ullah, Sana Ullah, Muhammad Qamar Khan, Motahira Hashmi, Phan Duy Nam, Yo Kato, Yasushi Tamada, Ick Soo Kim	International Journal of Biological Macromolecules	30/03/2020	Tạp chí ISI, Q1	0141-8130
359	Enhancing room-temperature ferromagnetism in Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> via FeTiO <sub>3</sub> solid solution	D. D. Dung, M. M. Hue, N. Q. Dung, N. H. Lam, L. T. K. Phuong, L. H. Bac, N. N. Trung, N. V. Duc and D. Odkhuu	Journal of Electroceramics	30/03/2020	Tạp chí ISI, Q2	1573-8663
360	Towards a blockchain-based certificate authentication system in Vietnam	Binh Minh Nguyen, Thanh-Chung Dao, Ba-Lam Do	PeerJ Computer Science	30/03/2020	Tạp chí SCIE, Q1	2376-5992
361	Microstructural characterization of ULC steel	Cao-Son Nguyen, Hoang Le, Anh-Hoa Bui	Advances in Materials Science	31/03/2020	Tạp chí ISI	2083-4799
362	Controlled synthesis of ultrathin MoS <sub>2</sub> nanoflowers for highly enhanced NO <sub>2</sub> sensing at room temperature	Nguyen Tat Thang, Nguyen Hoang Thoan, Chu Manh Hung, Nguyen Van Duy, Nguyen Van Hieu, Nguyen Duc Hoa	RSC advances	31/03/2020	Tạp chí ISI, Q1	20462069

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364	Application of TGRA-Based Optimisation for Machinability of High-Chromium Tool Steel in the EDM Process	Phan Huu Nguyen, Tien Long Banh, Khan Aqib Mashood, Duc Quy Tran, Van Dong Pham, T. Muthuramalingam, Van Duc Nguyen, Duc Toan Nguyen	Arabian Journal for Science and Engineering	31/03/2020	Tạp chí SCIE, Q2	2193-567X
365	Korean-Vietnamese Neural Machine Translation with Named Entity Recognition and Part-of-Speech Tags	Van-Hai Vu, Quang-Phuoc Nguyen, Kiem-Hieu Nguyen, Joon-Choul Shin, Cheol-Young Ock	IEICE Transactions on Information and Systems	01/04/2020	Tạp chí ISI, Q3	1745-1361
366	Microfluidic Electrokinetic Preconcentration Chips: Enhancing the detection of nucleic acids and exosomes	Jongmin Kim, Sarah Sahloul, Ajymurat Orozaliev, Vu Q. Do, Van Sang Pham, Diogo Martins, Xi Wei, Rastislav Levicky, Yong-Ak Song	IEEE Nanotechnology Magazine	01/04/2020	Tạp chí ISI, Q2	ISSN 1932-4510
367	Influence of boron promotion on the physico-chemical properties and catalytic behavior of Zn/ZSM-5 in the aromatization of n-hexane	Pham Thanh Huyen, Vu Dinh Trinh, M. Teresa Portilla, Cristina Martínez	Catalysis Today	01/04/2020	Tạp chí ISI, Q1	0920586
368	Applying chemical heat storage to saving exhaust gas energy in diesel engines: Principle, design and experiment	Duc LuongCao, GuangHong, Anh TuanLe	Journal of Energy Storage	01/04/2020	Tạp chí ISI, Q1	2352152X
369	Numerical study of a compound droplet moving toward a rigid wall in an axisymmetric channel	Truong V Vu, Phuc Hong Pham	International Journal of Heat and Fluid Flow (SCI). Elsevier Publishing.	01/04/2020	Tạp chí SCI, Q1	0142-727X
370	19-picometer mechanical step displacement measurement using heterodyne interferometer with phase-locked loop and piezoelectric driving flexure-stage	TD Nguyen, QA Duong, M Higuchi, TT Vu, D Wei, M Aketagawa	Sensors and Actuators A: Physical	01/04/2020	Tạp chí SCI, Q1	0924-4247
371	Multiscale Modeling of Superheated Steam Drying of Particulate Materials	Kieu Hiep Le, Thi Thu Hang Tran, Nguyen An Nguyen, Abdolreza Kharaghani	Chemical Engineering & Technology	03/04/2020	Tạp chí SCI	1521-4125
372	Convergence of a hybrid viscosity approximation method for finding zeros of m-accretive operators	NgTT Thuy, PT Hieu, J.J. Strodiot	Numerical Algorithms	04/04/2020	Tạp chí SCIE, Q1	1017-1398 (Print); 1572-9265 (Online)
373	Fabrication and characterization of wound dressings containing gentamicin/silver for wounds in diabetes mellitus patients	Xinyu Bie, Muhammad Qamar Khan, Azeem Ullah, Sana Ullah, Davood Kharaghani, Duy-Nam Phan, Yasushi Tamada, and Ick Soo Kim	Materials Research Express	06/04/2020	Tạp chí ISI, Q2	20531591
374	An OpenFOAM solver for multiphase and turbulent flow	Viet-Bac Nguyen, Quoc-Vu Do, and Van-Sang Pham	Physics of Fluids	06/04/2020	Tạp chí SCI, Q1	1089-7666
375	Synthesis of Gallium-Doped Zinc Oxide (GZO) Nanoparticles for GZO/Silver Nanowire Nanocomposite Transparent Conductive Electrodes	THI BICH HAO HUYNH, DUC THANH CHU, VAN HOAN HOANG, THI THU HIEN NGUYEN, THANH TUNG DUONG, VAN ANH TRAN, THANH HUY PHAM, DUY CUONG NGUYEN	Journal of Electronic Materials	08/04/2020	Tạp chí ISI, Q2	0361-5235
376	Production of 5-hydroxymethylfurfural (HMF) from rice-straw biomass using a HSO <sub>3</sub> -ZSM-5 zeolite catalyst under assistance of sonication	Phan Huy Hoang, Nguyen Minh Dat, Thai Dinh Cuong, Duong Thanh Tung	RSC Advances	10/04/2020	Tạp chí ISI, Q1	

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378	Crack growth adaptive XIGA simulation in isotropic and orthotropic materials	Jiming Gu, Tiantang Yu, Le Van Lich, Satoyuki Tanaka, Hongting Yuan, Tinh Quoc Bui	Computer Methods in Applied Mechanics and Engineering	11/04/2020	Tạp chí ISI, Q1	
379	How fermentation by lactic acid bacteria can address safety issues in legumes food products?	Hélène Licandro, Phu Ha Ho, Thi Kim Chi Nguyen, Awanwee Petchkongkaew, Hai Van Nguyen, Son Chu-Ky, Thi Viet Anh Nguyen, Da Lorn, Yves Waché	Food Control	14/04/2020	Tạp chí ISI, Q1	0956-7135
380	A Displacement Measuring Interferometer Based on a Frequency-Locked Laser Diode with High Modulation Frequency	Vũ Thanh Tùng, Hoàng Hồng Hải, Vũ Toàn Thắng, Bùi Ngọc Tâm	Applied Sciences	14/04/2020	Tạp chí ISI, Q1	ISSN 2076-3417
381	GPS data processing for driving cycle development in Hanoi, Vietnam	Yen-Lien T Nguyen, Ngoc Dung Bui, Trung-Dung Nghiem, Anh-Tuan Le	Journal of Engineering Science and Technology	15/04/2020	Tạp chí ISI, Q2	1823-4690
382	Existence of global solutions for a weakly coupled system of semilinear viscoelastic damped sigma-evolution equations	Tuan Anh Dao	Rocky Mountain Journal of Mathematics	15/04/2020	Tạp chí SCIE, Q4	0035-7596
383	Fabrication and exchange-spring properties of SrFe <sub>12</sub> O <sub>19</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposites with core-shell structure	Tran Thi Viet Nga, Nguyen Thi Lan	Materials Chemistry and Physics	15/04/2020	Tạp chí SCI, Q2	0254-0584
384	Fractionation of Lignin for Selective Shape Memory Effects at Elevated Temperatures	N. A. Nguyen, C. C. Bowland, P. V. Bonnesen, K. C. Littrell, J. K. Keum, A. K. Naskar	Materials	20/04/2020	Tạp chí ISI, Q2	1996-1944
385	Hybridization of Galactic Swarm and Evolution Whale Optimization for Global Search Problem	Nguyen, Binh Minh; Tran, Trung; Nguyen Thieu; and Nguyen Giang	IEEE Access	20/04/2020	Tạp chí SCIE, Q1	2169-3536
386	Utilizing an Autoencoder-Generated Item Representation in Hybrid Recommendation System	Tan Nghia Duong, Tuan Anh Vuong, Duc Minh Nguyen, Quang Hieu Dang	IEEE Access	21/04/2020	Tạp chí ISI, Q1	2169-3536
387	Sun-Angle Effects on Remote-Sensing Phenology Observed and Modelled Using Himawari-8	Xuanlong Ma, Alfredo Huete, Ngoc Nguyen Tran, Jian Bi, Sicong Gao, Yelu Zeng	Remote Sensing	23/04/2020	Tạp chí SCIE, Q1	2072-4292
388	Microstructure and mechanical properties of the In-48Sn-xAg low-temperature alloy	Duy Le Han, Yu-an Shen, Sanghun Jin, Hiroshi Nishikawa	JOURNAL OF MATERIALS SCIENCE	25/04/2020	Tạp chí SCIE, Q1	0022-2461
389	Linearization of RF Power Amplifiers in Wideband Communication Systems by Adaptive Indirect Learning Using RPEM Algorithm	Duc Han Le, Van-Phuc Hoang, Minh Hong Nguyen, Hien M. Nguyen, Duc Minh Nguyen	Mobile Networks and Applications	27/04/2020	Tạp chí ISI, Q2	1383 - 469X
390	A Path-Length Efficient, Low-Overhead, Load-Balanced Routing Protocol for Maximum Network Lifetime in Wireless Sensor Networks with Holes	Phi Le Nguyen, Thanh Hung Nguyen, Kien Nguyen	Sensors	28/04/2020	Tạp chí SCIE, Q1	1424-8220
391	Characteristics of roadside volatile organic compounds in an urban area dominated by gasoline vehicles, a case study in Hanoi	Bich-Thuy Ly, Yoshizumi Kajii, Thi-Yen-Lien Nguyen, Koki Shoji, Dieu-Anh Van, Thi-Nhu-Ngoc Do, Trung-Dung Nghiem, Yosuke Sakamoto	Chemosphere	29/04/2020	Tạp chí ISI, Q1	

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392	Effects of Different Roller Profiles on the Microstructure and Peel Strength of the Ultrasonic Welding Joints of Nonwoven Fabrics	Nguyen, T.-H.; Thanh, L.Q.; Loc, N.H.; Huu, M.N.; Nguyen Van Anh	Applied Sciences	29/04/2020	Tạp chí ISI, Q1	2076-3417
393	Study on performance enhancement and emission reduction of used carburetor motorcycles fueled by flex-fuel gasoline-ethanol blends	Thanh Dinh, Khanh Nguyen, Tuan Pham, Vinh Nguyen	JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS	30/04/2020	Tạp chí SCIE, Q2	21587299
394	A Novel Warp Scheduling Scheme Considering Long-Latency Operations for High-Performance GPUs	Cong Thuan Do, Hong Jun Choi, Sung Woo Chung, Cheol Hong Kim	Springer Journal of Supercomputing	30/04/2020	Tạp chí SCI	15730484, 09208542
395	Underwater Optical Wireless Communication-based IoUT Networks: MAC Performance Analysis and Improvement	Chuyen T. Nguyen, Mat T. Nguyen, and Vuong V. Mai	Optical Switching and Networking	01/05/2020	Tạp chí ISI, Q3	1573-4277
396	Influence of shielding gas composition on molten metal flow behavior during plasma keyhole arc welding process	Nguyen Van Anh, Shinichi Tashiro, Nago Hutu Manh, Le Hoan Anh, Bui Van Hanh, Manabu Tanaka	Journal of Manufacturing Processes	01/05/2020	Tạp chí ISI	1526-6125
397	Constraint effect caused by graphene on in situ grown Gr@WO <sub>3</sub> -nanobrick hybrid material	Nguyen Cong Tu, Pham Tuan Phong, Luu Thi Lan Anh, Nguyen Xuan Sang, Nguyen Thanh Tung, Nguyen Huu Lam, Nguyen Duc Chien	Ceramics International	01/05/2020	Tạp chí ISI, Q1	0272-8842
398	Preparation and Properties of Nanocomposite from NR and Natural Na <sup>+</sup> -Montmorillonite	Nghiêm Thị Thương, Nguyễn Phạm Duy Linh, Cao Hồng Hà, Phan Trung Nghĩa, Seiichi Kawahara	Rubber Chemistry and Technology	01/05/2020	Tạp chí ISI, Q2	0035-9475
399	Facile one-step synthesis of g-C <sub>3</sub> N <sub>4</sub> -supported WS <sub>2</sub> with enhanced lithium storage properties	Ha Tran Huu, Hang T. T. Le, Van Phuc Nguyen, Thi Thanh Huong Nguyen, Thi Xuan Dieu Nguyen, Van Thang Nguyen, Sung-Jin Kim, Vien Vo	Electrochimica Acta	01/05/2020	Tạp chí ISI, Q1	0013-4686
400	An Elite Hybrid Particle Swarm Optimization for Solving Minimal Exposure Path Problem in Mobile Wireless Sensor Networks	Nguyen Thi My Binh, Abdelhamid Mellouk, Huynh Thi Thanh Binh, Le Vu Loi, Dang Lam San, Tran Hai Anh	Sensors	01/05/2020	Tạp chí SCI, Q1	1424-8220
401	Continuous-time opinion dynamics on multiple interdependent topics	Mengbin Ye, Minh Hoang Trinh, Young-Hun Lim, Brian D.O. Anderson, Hyo-Sung Ahn	Automatica	01/05/2020	Tạp chí SCI, Q1	0005-1098
402	Study of the effects of relative humidity and velocity on the friction characteristics of pneumatic cylinders	Thuy-Duong Nguyen* and Van-Hung Pham†	International Journal of Modern Physics B	01/05/2020	Tạp chí ISI, Q4	1793-6578
403	Magnetic hierarchical zero-valent iron nanoflake-decorated graphene nanoplates composite for simultaneous adsorption and reductive degradation of rhodamine B	Trung-Dung Dang, Hang T. T. Le, Duy Anh Nguyen, Duong Duc La, Dinh Duc Nguyen	New Journal of Chemistry	04/05/2020	Tạp chí ISI, Q1	1144-0546 (print); 1369-9261 (web)
404	Photosensitive nanofibers for data recording and erasing	Muzamil Khatri, Farooq Ahmed, Shamshad Ali, Mujahid Mehdi, Sana Ullah, Phan Duy-Nam, Zeeshan Khatri, Ick Soo Kim	Journal of the Textile Institute	05/05/2020	Tạp chí ISI, Q2	0040-5000
405	A quality index method for squid Uroteuthis (Photololigo) chinensis (Gray, 1849) preserved on ice	Nguyen Thi Minh Tu1,*, Dang Thuy Linh1, Vu Thai Hoa1, Ta Thi Thuy Chi1, Nguyen Quang Trung2, Le Tran Ngoan3,4	Food and Raw Material	05/05/2020	Tạp chí SCI, Q4	

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407	Controlling the size of silica nanoparticles in filler nanomatrix structure of natural rubber	Nghiêm Thị Thương, Trần Anh Dũng, Nurul Hayati Yusof, Seiichi Kawahara	Polymer	08/05/2020	Tạp chí ISI, Q1	0032-3861
408	Robust Correction Procedure for Accurate Thin Shell Models via a Perturbation Technique	Đặng Quốc Vương	Engineering, Technology & Applied Science Research	11/05/2020	Tạp chí ISI	eISSN 1792-8036; pISSN 2241-4487
409	Novel cage-like nanoporous ZnO polymorphs with cubic lattice frameworks	Vu Ngoc Tuoc, Le Thi Hong Lien, Tran Doan Huan, and Nguyen Thi Thao,	Materials Today Comm.	11/05/2020	Tạp chí ISI, Q2	ISSN: 2352-4928
410	Two-way coupling of thin shell finite element magnetic models via an iterative subproblem method	Vuong Dang Quoc, Christophe Geuzain	COMPEL - The international journal for computation and mathematics in electrical and electronic engineering	11/05/2020	Tạp chí SCIE, Q2	0332-1649
411	Material Flow Behavior on Weld Pool Surface in Plasma Arc Welding Process Considering Dominant Driving Forces	Manh Ngo Huu, Anh Nguyen Van, Tuan Nguyen Van, Dang Tran Hai, Thanh Nguyen Van, Dung Nguyen Tien, Thanh-Hai Nguyen	Applied Sciences	12/05/2020	Tạp chí ISI, Q1	2076-3417
412	Silver Nanoparticles Decorated Polyaniline Nanowires-Based Electrochemical DNA Sensor: Two-step Electrochemical Synthesis	Luyen Thi Tran, Hoang Vinh Tran, Hue Thi Minh Dang, Chinh Dang Huynh, Tuan Anh Mai	Journal of The Electrochemical Society	12/05/2020	Tạp chí ISI, Q1	Online ISSN: 1945-7111; Print ISSN: 0013-4651
413	Neural Poisson Factorization	Linh Ngo, Anh Nguyen-Duc, Binh Nguyen, Khoat Than	IEEE Access	12/05/2020	Tạp chí SCIE, Q1	2169-3536
414	A Hybrid Method for Mathematical Expression Detection in Scientific Document Images	BUI HAI PHONG, THANG MANH HOANG, THI-LAN LE	IEEE Access	13/05/2020	Tạp chí ISI, Q1	2169-3536
415	Novel Models of Image Permutation and Diffusion Based on Perturbed Digital Chaos	Thang Manh Hoang, Safwan El Assad	Entropy	13/05/2020	Tạp chí ISI	1099-4300
416	Highly Birefringent, Low-Loss, and Near-Zero Flat Dispersion ENZ Based THz Photonic Crystal Fibers	Md. Shahjalal Hossain, S. M. Abdur Razzak, Christos Markos, Nguyen Hoang Hai, Md. Selim Habib, Md. Samiul Habib	IEEE Photonic Journal	14/05/2020	Tạp chí ISI, Q1	1943-0655
417	Accelerated remediation of organochlorine pesticidecontaminated soils with phyto-Fenton approach: a field study	Trinh Dinh Tran, Nhung Thi Dao, Rei Sasaki, Minh Binh Tu, Giang Huong Minh Dang, Han Gia Nguyen, Hieu Minh Dang, Cong Huu Vo, Yoshihiko Inigaki, Noi Van Nguyen, Yutaka Sakakibara	Environmental Geochemistry and Health	15/05/2020	Tạp chí SCI, Q2	0269-4042
418	MPC Inspired Dynamical Output Feedback and Adaptive Feedforward Control Applied to Piezo-Actuated Positioning Systems	Linh Manh Nguyen and Xinkai Chen	IEEE Transactions on Industrial Electronics	17/05/2020	Tạp chí ISI, Q1	0278-0046
419	An Efficient QoE-Aware HTTP Adaptive Streaming over Software Dened Networking	Pham Hong Thinh, Nguyen Thanh Dat, Pham Ngoc Nam, Nguyen Huu Thanh, Nguyen Minh Hien, Truong Thu Huong	Journal of Mobile Networks and Applications	17/05/2020	Tạp chí ISI, Q2	

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421	Simple Controlling Ecofriendly Synthesis of Silver Nanoparticles at Room Temperature Using Lemon Juice Extract and Commercial Rice Vinegar	Luu Thi Lan Anh, Cao Xuan Truong, Nguyen Van Thai, Pham Ngoc Linh, Nguyen Huu Lam, Nguyen Cong Tu	Journal of Nanotechnology	19/05/2020	Tạp chí ISI, Q3	1687-9503, 1687-9511
422	Oleanane-Type Saponins From the Aerial Parts of Panax bipinnatifidus	Nguyen Huu Tung, , Nguyen Thi Hoang Anh, Chu Van Tan , Pham Trung Hieu, Pham Quang Duong, Le Dang Quang, and Vu Dinh Hoang	Natural Product Communications	20/05/2020	Tạp chí ISI	1934-578x
423	Oleanane-type triterpene saponins from Aralia armata leaves and their cytotoxic activity	Pham Hai Yen, Nguyen Thị Hong Chuong, Giang Thi Kim Lien, Nguyen Thi Cuc, Nguyen Xuan Nhiem, Nguyen Thi Viet Thanh, Bui Huu Tai, Yohan Seo, Wan Namkung, SeonJu Park, Seung Hyun Kim, Chau Van Minh & Phan Van Kiem	Natural Product Research	22/05/2020	Tạp chí SCI, Q2	1478-6427
424	Critical Review on Gas Hydrate Formation at Solid Surfaces and in Confined Spaces□Why and How Does Interfacial Regime Matter?	Ngoc N. Nguyen, Mirza Galib, Anh V. Nguyen	Energy & Fuels	22/05/2020	Tạp chí ISI, Q1	0887-0624 (print version) / 1520-5029 (Web version)
425	Hydroxyapatite Nano-Rods/Chitosan Modified Glassy Carbon Electrode for Cu(II) Ions Determination	Trần Vĩnh Hoàng, Huỳnh Đăng Chính, Thu D. Le & Hoàng Sĩ Hồng	Electronic Materials Letters	23/05/2020	Tạp chí SCIE, Q2	1738-8090
426	Hydroxyapatite Nano-Rods/Chitosan Modified Glassy Carbon Electrode for Cu(II) Ions Determination	Hoang V. Tran, Chinh D. Huynh, Thu D. Le, Hong S. Hoang	Electronic Materials Letters	23/05/2020	Tạp chí SCI, Q2	2093-6788
427	Zinc oxide nanoparticles attached to polyacrylonitrile nanofibers with hinokitiol as gluing agent for synergistic antibacterial activities and effective dye removal	Duy-Nam Phan, Rina Afiani Rebia, Yusuke Saito, Davood Kharaghani, Muzamil Khatri, Toshihisa Tanaka, Hoik Lee, Ick-Soo Kim	Journal of Industrial and Engineering Chemistry	25/05/2020	Tạp chí ISI, Q1	1226-086X
428	A monotonic optimization approach for solving strictly quasiconvex multiobjective programming problems	Thang Tran Ngoc, Solanki Vijender Kumar, Dao Tuan Anh, Thi Ngoc Anh Nguyen, Van Hai Pham	Journal of Intelligent & Fuzzy Systems	25/05/2020	Tạp chí SCIE, Q3	1064-1246
429	Occurrence of pharmaceutical and personal care products in Cau River, Vietnam	Ngô Huy Thành, Văn Diệu Anh, Trần Hoài Lê, Norihide Nakada, Hiroaki Tanaka, Huỳnh Trung Hải	Environmental Science and Pollution Research	26/05/2020	Tạp chí SCIE, Q1	09441344
430	First-principles study of mechanical, electronic and optical properties of Janus structure in transition metal dichalcogenides	Vương Văn Thanh, Nguyễn Duy Văn, Đỗ Văn Trường, Riichiro Saito, Nguyen Tuan Hung	Applied Surface Science	26/05/2020	Tạp chí SCI, Q1	ISSN: 0169-4332
431	Seasonal variation, sources and health risk assessment of indoor/outdoor BTEX at nursery schools in Hanoi, Vietnam	Trinh Dinh Tran, Truong Xuan Nguyen, Hien Thi Thu Nguyen, Ha Thi Le Vo, Dung Trung Nghiem, Tuyen Huu Le, Duc Sy Dao & Noi Van Nguyen	Water, Air, and Soil Pollution	27/05/2020	Tạp chí SCI, Q2	ISSN:0049-6979, E-ISSN:1573-2932

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432	A Low Power Circuit Design For Chaos-Key Based Data Encryption	Ngoc Nguyen, Loan Pham-Nguyen, Minh Nguyen, Georges Kaddoum	IEEE Access	28/05/2020	Tạp chí ISI, Q1	2169-3536
433	Nonlinear dynamics of functionally graded graphene nanoplatelet reinforced polymer doubly-curved shallow shells resting on elastic foundation using a micromechanical model	Vu Ngoc Viet Hoang, Nguyen Duc Tien, Dinh Gia Ninh, Vu Toan Thang, Do Van Truong	Journal of Sandwich Structures and Materials	28/05/2020	Tạp chí ISI, Q1	1099-6362
434	A Novel Approach in Crude Enzyme Laccase Production and Application in Emerging Contaminant Bioremediation	Luong N. Nguyen; Minh T. Vu; Md Abu Hasan Johir; Nirenkumar Pathak; Jakub Zdarta; Teofil Jesionowski; Galilee U. Semblante; Faisal I. Hai; Hong Khanh Dieu Nguyen; Long D. Nghiem	Processes	29/05/2020	Tạp chí SCIE, Q2	ISSN 2227-9717
435	A monotonic optimization approach for solving strictly quasiconvex multiobjective programming problems	Tran Ngoc Thang, Vijender Kumar Solanki, Tuan Anh Dao, Nguyen Thi Ngoc Anh, Pham Van Hai	Journal of Intelligent & Fuzzy Systems	29/05/2020	Tạp chí SCIE, Q2	ISSN 1064-1246 (P); ISSN 1875-8967 (E)
436	Membrane distillation regeneration of liquid desiccant solution for air-conditioning: Insights into polarisation effects and mass transfer	Hung Cong Duong, Ashley Joy Ansari, Hai Thuong Cao, Nguyen Cong Nguyen, Khac-Uan Do, Long Duc Nghiem	Environmental Technology & Innovation	30/05/2020	Tạp chí SCIE, Q1	ISSN: 2352-1864
437	An ANN-based gesture recognition algorithm for smart-home applications	Phat Nguyen Huu, Quang Tran Minh, and Hoang Lai The	KSII Transactions on Internet and Information Systems	31/05/2020	Tạp chí ISI, Q3	1976-7277
438	A Novel Cryptosystem Based on Steganography and Automata Technique for Searchable Encryption	Nguyen Huy Truong	KSII Transactions on Internet and Information Systems	31/05/2020	Tạp chí SCIE, Q3	1976-7277
439	Investigation of origin optical properties of TiO <sub>2</sub> /graphene nanohybrids	Nghia Manh Nguyen, Yen Hai Nguyen, Hong Ngoc Phan, Minh Ngoc Phan, Dung Dang Duc, Pham Thu Nga, Minh Van Nguyen, Thuy Minh Nguyen, Van Quoc Duong, and Khang Cao Nguyen	Materials Letters	01/06/2020	Tạp chí ISI, Q1	0167-577X
440	Influence of rare earth on the microstructure and mechanical properties of Al-Zn alloy	Bui Thi Ngoc Mai, Nguyen Xuan Dong, Pham Mai Khanh, Tran Duc Huy	International Journal of Modern Physics B	01/06/2020	Tạp chí ISI	0217-9792
441	Ferrotoroidic Polarons in Antiferrodistortive SrTiO <sub>3</sub>	Takahiro Shimada, Yuuki Ichiki, Gen Fujimoto, Le Van Lich, Tao Xu, Jie Wang, and Hiroyuki Hirakata	Physical Review B	01/06/2020	Tạp chí ISI, Q1	2469-9950
442	Imperfect Roll Arrangement Compensation Control based on Neural Network for Web Handling Systems	Nguyễn Đức Đình, Tống Thị Lý, Nguyễn Tùng Lâm	Engineering, Technology & Applied Science Research	01/06/2020	Tạp chí ISI	ISSN: 2241-4487, eISSN: 1992-8036
443	Wideband Compact Triangle Slot Antenna with Out-Of-Band Rejection	Anh Ngoc Nguyen, Mohsen Radfar, Amir Ebrahimi, Vu-Duc Ngo, Aidin Bervan, Hoang Viet Le, Aniruddha Desai	IEEE Antennas and Wireless Propagation Letters	01/06/2020	Tạp chí ISI, Q1	1536-1225
444	An air-core photonic crystal fiber based plasmonic sensor for high refractive index sensing	Alok Kumar Paul a, Md. Samiul Habib a, Nguyen Hoang Hai, S.M. Abdur Razzak	Optical Communications Journal	01/06/2020	Tạp chí ISI, Q2	0030-4018
445	Analytical method of parameter determination for OFDM system over measurement-based underwater acoustic channel modeling	Đỗ Việt Hà, Nguyễn Văn Đức	Physical Communication	01/06/2020	Tạp chí ISI, Q2	1874-4907

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446	SRM and IM for E-Scooter based on Driving Cycle Design Comparison	Tran Tuan Vu, Kreuawan Sangkla, Somsiri Pakasit, Kanovate, Nguyen Huy Phuong	IEEJ Transaction on Electrical and Electronic Engineering	01/06/2020	Tạp chí SCIE, Q3	1931-4973
447	Pointing Consensus and Bearing-Based Solutions to the Fermat–Weber Location Problem	Minh Hoang Trinh, Daniel Zelazo, Hyo-Sung Ahn	IEEE Transactions on Automatic Control	01/06/2020	Tạp chí SCI, Q1	0018-9286
448	A novel upconversion emission material based on Er <sup>3+</sup> -Yb <sup>3+</sup> -Mo <sup>6+</sup> tridoped Hydroxyapatite/Tricalcium phosphate (HA/ $\beta$ -TCP)	Hoang Nhu Van, Ngoc Hung Vu, Vuong-Hung Pham, Pham Van Huan, Bui Thi Hoan, Duy-Hung Nguyen, Tu Le Manh	Journal of Alloys and Compounds	01/06/2020	Tạp chí SCI, Q1	0925-8388
449	Microstructure and Electrical Property of Ex-Situ and In-Situ Copper Titanium Carbide Nanocomposites	Nguyen Hoang Viet, Nguyen Thi Hoang Oanh	Metals	02/06/2020	Tạp chí SCIE, Q2	2075-4701
450	Role of silica on stability of mesoporous rice husk based catalyst and its activity in synthesis of biolubricant stock	Hong Khanh Dieu Nguyen; Hung Van Vo; Ngo Thi Dinh	Journal of Porous Materials	02/06/2020	Tạp chí SCI	1573-4854
451	Metal Complexes of $\pi$ -Expanded Ligand (7): Syntheses, Structures and Properties of Pt (II) Complexes Containing the Isomeric 1-and 2-Alkyliminomethyl Pyrene Ligands	Xuan-Dien Luong, Xuan-Truong Nguyen	Crystals	03/06/2020	Tạp chí ISI, Q2	2073-4352
452	Enhanced electrocaloric effect in compositionally graded ferroelectric nanowires	Le Van Lich, Ngoc-Lu Vu, Minh-Tan Ha, Tinh Quoc Bui, Van-Tuan Le, Trong-Giang Nguyen, and Van-Hai Dinh	Journal of Applied Physics	03/06/2020	Tạp chí ISI, Q2	0021-8979
453	Self-experienced storytelling in an authentic context to facilitate EFL writing	Thi-Huyen Nguyen, Wu-Yuini Hwang, Xuan-Lam Pham, Thao Pham	Computer Assisted Language Learning	04/06/2020	Tạp chí ISI, Q1	17443210, 09588221
454	Decentralized Broadcast Encryption Schemes with Constant Size Ciphertext and Fast Decryption	Qutaibah Malluhi, Vinh Duc Tran, Viet Cuong Trinh	Symmetry	06/06/2020	Tạp chí ISI, Q2	2073-8994
455	Vehicle speed estimation using two roadside passive infrared sensors	Vũ Văn Quang, Ngô Văn Linh, Vũ Toàn Thắng, Đoàn Văn Phúc	International Journal of Modern Physics B	06/06/2020	Tạp chí SCI, Q3	0217-9792
456	Thermal decomposition of N <sub>2</sub> O near 900 K studied by FTIR spectrometry: Comparison of experimental and theoretical O(3P) formation kinetics	Tien V. Pham, T. J. Tsay, M. C. Lin	International Journal of Chemical Kinetics	07/06/2020	Tạp chí SCIE, Q2	1097-4601
457	Deterministic control of toroidal moment in ferroelectric nanostructures by direct electrical field	Do Van Truong, Tran Ngoc Giang, Vuong Van Thanh, Tran The Quang	Materials Research Bulletin	07/06/2020	Tạp chí SCI, Q1	ISSN 0025-5408
458	Atmospheric chemical loss processes of isocyanic acid (HNCO): a combined theoretical kinetic and global modelling study	Simon Rosanka, Giang H. T. Vu, Hue M. T. Nguyen, Tien V. Pham, Umar Javed, Domenico Taraborrelli, and Luc Vereecken	Atmospheric Chemistry and Physics	07/06/2020	Tạp chí SCI, Q1	1680-7316
459	Effects of Design Parameters on Operating Characteristics of an Electric Assisted Bicycle Using Fuel Cell	Nguyễn Bá Hưng, Ocktaeck Lim	Sustainability	08/06/2020	Tạp chí ISI, Q2	2071-1050
460	Performance Analysis and Optimization of the Coverage Probability in Dual Hop LoRa Networks With Different Fading Channels	Tien Hoa Nguyen, Woo-Sung Jung, Lam Thanh Tu, Trinh Van Chien, Daeseung Yoo, Soonghwan Ro	IEEE Access	08/06/2020	Tạp chí ISI, Q1	2169-3536

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462	ALMOST PERIODIC SOLUTIONS OF PERIODIC SECOND ORDER LINEAR EVOLUTION EQUATIONS	Nguyễn Hữu Trí, Bùi Xuân Diệu, Vũ Trọng Lương, Nguyễn Văn Minh	The Korean Journal of Mathematics	10/06/2020	Tạp chí ISI	1976-8605
463	Opinion Dynamics With Cross-Coupling Topics: Modeling and Analysis	Hyo-Sung Ahn, Quoc Van Tran, Minh Hoang Trinh, Mengbin Ye, Ji Liu, Kevin L. Moore	IEEE Transactions on Computational Social Systems	12/06/2020	Tạp chí ISI, Q1	2329-924X
464	FPGA implementation of HOOFR bucketing extractor-based real-time embedded SLAM applications	Dai Duong Nguyen, Abdelhafid El Ouardi, Sergio Rodriguez, Samir Bouaziz	Journal of Real-Time Image Processing	12/06/2020	Tạp chí ISI, Q2	1861-8219
465	Effects of Boot-shaped Rib on Heat Transfer Characteristics of Internal Cooling Turbine Blades	Ky-Quang Pham, Quang-Hai Nguyen, Tai-Duy Vu and Cong-Truong Dinh	Journal of Heat Transfer	12/06/2020	Tạp chí SCIE, Q2	0022-1481
466	Effect of chloride treatment on optical and electrical properties of PbS quantumdots	Van Tuan Mai, Ngoc Huyen Duong, Xuan Dung Mai	Chemical Physics	12/06/2020	Tạp chí SCIE, Q1	
467	The Lipschitz Properties of the Value Function and the Solution Map to a Parametric Discrete Optimal Control Problem	Nguyen Thi Toan, Le Quang Thuy	Acta Mathematica Vietnamica	13/06/2020	Tạp chí ISI, Q3	0251-4184
468	The Preferable F2dd Phase for Ca(BH4)2 Crystal Under Hydrostatic Pressures	Tuan Le and Phu Manh Do	J. of Elec. Materials	14/06/2020	Tạp chí ISI, Q2	
469	Microscopic approach for low-frequency dielectric constant of liquid water	Thi Nhan Tran, Tuan Le	Physics and Chemistry of Liquids	14/06/2020	Tạp chí ISI, Q2	10290451, 00319104
470	Zero-magnetization FeNi2Mo alloy: An ab initio simulation result	Le Tuan, Tran. V. Hoan, Nguyen V. Duy	Computational Materials Science	14/06/2020	Tạp chí ISI, Q2	
471	Stable reconstruction of the initial condition in parabolic equations from boundary observations	Dinh Nho Hao, Phan Xuan Thanh, Bandar Bin-Mohsin, Nguyen Huu Cong	Computers & Mathematics with Applications	15/06/2020	Tạp chí ISI, Q1	0898-1221
472	A Numerical Analysis of the Fire Characteristics after Sprinkler Activation in the Compartment Fire	Ho Trong Khoat, Ji Tea Kim, Tran Dang Quoc, Ji Hyun Kwark and Hong Sun Ryou	Energies	15/06/2020	Tạp chí ISI, Q2	3099
473	A Nonlinear State Observer for Sensorless Speed Control of IPMSM	Nga Thi-Thuy Vu	Journal of Control, Automation and Electrical Systems	15/06/2020	Tạp chí ISI, Q3	21953880
474	Magnetic Properties of $(1-x)\text{Bi}0.5\text{Na}0.5\text{TiO}_3 + x\text{CaCoO}_3-\delta$ Solid-Solution System	Dang Duc Dung, and Nguyen The Hung	Journal of Electronic Materials	15/06/2020	Tạp chí SCI, Q2	0361-5235
475	Developing Highly Crystalline, Single-Phase and Copper-Poor $\text{Cu}_2\text{ZnSnSe}_4$ Nanoparticles for Solar Cell Application	Thi Thu Hien Nguyen, Duc Huy Tran, Viet Anh Dung Dang, Hoang Vinh Tran, Dieu Thu Le, Thanh Huy Pham and Duy Cuong Nguyen	Materials Letters	15/06/2020	Tạp chí SCI, Q1	0167-577X
476	Self-Navigating UAVs for Supervising Moving Objects over Large-Scale Wireless Sensor Networks	Phạm Văn Tiến, Phạm Văn Nguyễn, Hà Duyên Trung	International Journal of Aerospace Engineering	16/06/2020	Tạp chí ISI, Q2	1687-5966 (print); 1687-5974(online)
477	Growth and magnetic properties of new lead-free $(1-x)\text{Bi}1/2\text{Na}1/2\text{TiO}_3 + x\text{Bi}(\text{Ti}1/2\text{Co}1/2)\text{O}_3$ solid solution materials	Dang Duc Dung, Man Minh Hue, and Luong Huu Bac	Applied Physics A	17/06/2020	Tạp chí ISI, Q2	1432-0630

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478	On the influence of external stochastic excitation on linear oscillators with subcritical self-excitation and gyroscopic influence with application to brake squeal	Minh-Tuan Nguyen-Thai, Paul Wulff, Nils Gräbner, Utz von Wagner	ZAMM - Journal of Applied Mathematics and Mechanics	17/06/2020	Tạp chí SCIE, Q2	1521-4001
479	Investigation on the growth mechanism of Cu <sub>2</sub> MoS <sub>4</sub> nanotube, nanoplate and its use as catalyst for the hydrogen evolution in water	Phong Dinh Tran, Ly T. Le, Thao T.T. Nguyen, Trang T.T. Nguyen, Mai T.T. Nguyen, Thuy T. D. Ung	Chemistry—An Asian Journal	17/06/2020	Tạp chí SCI, Q1	1861-471X
480	On Maximum Independent Problem in Graphs of Bounded Maximum Degree	Ngoc C. Lê, Trung Tran	Acta Mathematica Vietnamica	18/06/2020	Tạp chí ISI, Q3	2228- 4699
481	Body-size-dependent phantom library constructed from ICRP mesh-type reference computational phantoms	Chansoo Choi, Yeon Soo Yeom, Hanjin Lee, Haegin Han, Bangho Shin, Thang Tat Nguyen, Chan Hyeong Kim	Physics in Medicine & Biology	18/06/2020	Tạp chí SCI, Q1	0031-9155 (print) 1361-6560 (web)
482	Silver nanoparticles as a bifunctional probe for label-free and reagentless colorimetric hydrogen peroxide chemosensor and cholesterol biosensor	Hoang V.Tran, Tuan V.Nguyen, Lan T.N.Nguyen, Hong S.Hoang, Chinh D.Huynh	Journal of Science: Advanced Materials and Devices	20/06/2020	Tạp chí SCIE	2468-2179
483	Thermoelectric properties of quaternary chalcogenide Cu <sub>2</sub> ZnSnS <sub>4</sub> synthesised by mechanical alloying	Bui Duc Long , Nguyen Van Khanh, Duong Ngoc Binh and Nguyen Hong Hai	Powder Metallurgy	22/06/2020	Tạp chí ISI, Q2	0032-5899
484	3-D Integral Formulation for Thin Electromagnetic Shells Coupled with an External Circuit	Tung Le-Duc, Gerard Meunier	Applied Sciences	22/06/2020	Tạp chí SCIE, Q1	2076-3417
485	Enhancing Matrix Multiplication with a Monolithic 3D Based Scratchpad Memory	Cong Thuan Do, Jeong Hwan Choi, Young Seo Lee, Cheol Hong Kim, Sung Woo Chung	IEEE Embedded Systems Letters	22/06/2020	Tạp chí SCIE	19430663
486	DeepGuard: Efficient Anomaly Detection in SDN with Fine-grained Traffic Flow Monitoring	Trung V Phan, Tri Gia Nguyen, Nhu-Ngoc Dao, Truong Thu Huong, Nguyen Huu Thanh, Thomas Bauschert	IEEE Transactions on Network and Service Management	23/06/2020	Tạp chí ISI, Q1	1932-4537
487	Determinants of university research and development outcomes – a study from faculty’s perspectives	Nguyễn Danh Nguyên, Nguyễn Đăng Tuệ	International Journal of Innovation and Learning	24/06/2020	Tạp chí ISI, Q3	ISSN 1471-8197
488	Financial constraint on R&D activities in Vietnamese universities – an empirical research	Nguyễn Đăng Tuệ	Journal of Organizations and Markets in Emerging Economies	24/06/2020	Tạp chí ISI, Q4	ISSN 2029-4581
489	IMPLEMENTATION OF FUEL ADDITIVE MAZ 100 FOR PERFORMANCE ENHANCEMENT OF COMPRESSED NATURAL GAS ENGINE CONVERTED FROM IN-USED GASOLINE ENGINE	Vinh Nguyen Duy, Khanh Nguyen Duc, Trung Nguyen Thanh, Long Hoang Dinh and Tuan Le Anh	Journal of the Air & Waste Management Association	24/06/2020	Tạp chí SCIE, Q2	10962247
490	Facile green synthesis of carbon quantum dots and biomass-derived activated carbon from banana peels: synthesis and investigation	Trong Nghia Nguyen, Phuoc Anh Le, Viet Bac T. Phung	Biomass Conversion and Biorefinery	24/06/2020	Tạp chí SCIE, Q3	2190-6823
491	Experimental and theoretical studies on the room-temperature ferromagnetism in new (1-x)Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> +xCoTiO <sub>3</sub> solid solution materials	D.D.Dung, N.Q.Dung, M.M.Hue, N.H.Lam, L.H.Bac, L.T.K.Phuong, N.N.Trung, D.D.Tuan, N.D.Quan, D.Sangaad, and D.Odkhuu	Vacuum	24/06/2020	Tạp chí SCI, Q2	0042-207X

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493	Nonlinear dynamics and chaos of a nanocomposite plate subjected to electro-thermo-mechanical loads using Flügge-Lur'e-Bryne theory	Nguyen Duc Tien, Vu Ngoc Viet Hoang, Dinh Gia Ninh, Vu Le Huy, Nguyen Chi Hung	Journal of Vibration and Control	26/06/2020	Tạp chí ISI, Q1	1077-5463
494	Government financial support and firm productivity in Vietnam	Vũ Quang, Trần Quang Tuyền	Finance Research Letters	27/06/2020	Tạp chí SCIE, Q1	1544-6123
495	A Numerical Modeling Study on Inertial Focusing of Microparticle in Microfluidics	Quoc-Vu Do, Duc-Anh Van, Viet-Bac Nguyen, Van-Sang Pham	AIP Advances	29/06/2020	Tạp chí ISI, Q2	2158-3226