

**THỐNG KÊ BÀI BÁO TRONG DANH MỤC ISI, SCI, SCIE NĂM HỌC 2017 - 2018**

STT	Tên bài báo/sách/chương sách	Tên các tác giả	Tên tạp chí/NXB/Hội nghị, hội thảo khoa học	Thời gian (Năm xuất bản/thời gian tổ chức)	Loại xuất bản
1	HealthDL - Một hệ thống thu thập, lưu trữ dữ liệu y tế lớn	Phan Tân, Trần Việt Trung, Nguyễn Hữu Đức, Nguyễn Thanh Tùng	Tạp chí Khoa học Công nghệ Việt Nam	01/07/2017	
2	Cobalt content- ad magnetic field-dependent transmission behaviors of red laser light for Co-Al <sub>2</sub> O <sub>3</sub> granular thin films	Giap Van Cuong <sup>1,2</sup> , Tran Trung <sup>2</sup> , Nguyen Anh Tue <sup>3</sup> , Nguyen Anh Tuan <sup>1(*)</sup> .	Optical Materials (OM)	01/07/2017	Tạp chí ISI, Q1
3	Linearly convergent first order algorithms for semidefinite programming	Cong D. Dang, Guanghui Lan, Zaiwen Wen	Journal of Computational Mathematics	01/07/2017	Tạp chí ISI
4	Observation of room-temperature ferromagnetism in Co-doped Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub> materials	Le Viet Cuong, Nguyen Hoang Tuan, Dorj Odkhuu, Duong Van Thiet, Nguyen Huu Dung, Luong Huu Bac, Dang Duc Dung	Appl. Phys. A	01/07/2017	Tạp chí ISI
5	Minimum degree conditions for the proper connection number of graphs	C. Brause, T.D. Doan, and I. Schiermeyer	Graphs and Combinatorics	01/07/2017	Tạp chí SCIE, Q2
6	In-Situ Real-Time Focus Detection during Laser Processing Using Double-Hole Masks and Advanced Image Sensor Software	Binh Xuan Cao ,Phuong Le Hoang ,Sanghoon Ahn ,Jeng-o Kim, Heeshin Kang and Jiwhan	Sensors	01/07/2017	Tạp chí SCIE, Q2
7	Vibration control of uncertain structures with actuator saturation using hedge-algebras-based fuzzy controller	Hai-Le Bui, Cong-Hung Nguyen, Văn-Binh Bui, Kim-Ngoc Le, Huu-Quoc Tran	Journal of Vibration and Control	01/07/2017	Tạp chí SCIE, Q1
8	Picture inference system: a new fuzzy inference system on picture fuzzy set	Le Hoang Son, Pham Van Viet, Pham Van Hai	Applied Intelligence	01/07/2017	Tạp chí SCIE
9	Integer partitions, probabilities and quantum modular forms	Hieu T. Ngo, Robert C. Rhoades	Research in the Mathematical Sciences	03/07/2017	Tạp chí SCIE, Q1
10	Single and double linear and nonlinear flatband chains: Spectra and modes	Krzysztof Zegadlo, Nir Dror, Nguyen Viet Hung, Marek Trippenbach, and Boris A. Malomed	Physical Review E	05/07/2017	Tạp chí ISI, Q1
11	The effect of high-energy ball milling on the electromechanical strain properties of Bi-based lead-free relaxor matrix ferroelectric composite ceramics	Hyoung-Su Han, Dae-Jun Heo, Thi Hinh Dinh, Chang-Heon Leea, Jin-Kyu Kang, Chang Won Ah, Vu Diem Ngoc Tran, Jae-Shin Lee	Ceramics International (Q1)	07/07/2017	Tạp chí SCI, Q1
12	Fabrication and Characterization of Ni-CNT Composites by Electrical Explosion of Wire in Different Liquids	Nguyen Minh Thuyet, Maithili-Biswas, W.J. Kim, J.-C. Kim	Archives of Metallurgy and Materials	24/07/2017	Tạp chí ISI, Q3
13	Antibacterial activity of tannins isolated from Sapium baccatum extract and use for control of tomato bacterial wilt	Thuy Thu Vu, Hun Kim, Vu Khac Tran, Hoang Dinh Vu, Hoang Xuan Tien, Jae Woo Han, Yong Ho Choi, Kyoung Soo Jang, Gyung Ja Choi, Jin-Cheol Kim	Plos one	25/07/2017	Tạp chí ISI, Q1
14	Boundedness in weighted L <sub>p</sub> spaces for the Kontorovich-Lebedev-Fourier generalized convolutions and applications	Hoang P. V., Tuan T., Thao N. X., Tuan V. K.	Integral Transforms and Special Functions	30/07/2017	Tạp chí SCI
15	Influence of Film Thickness on Ferroelectric Properties and Leakage Current Density in Lead-Free Bi <sub>0.5</sub> (Na <sub>0.80</sub> K <sub>0.20</sub> ) <sub>0.5</sub> TiO <sub>3</sub> films	Ngo Duc Quan: Viện Vật lý kỹ thuật Vu Ngoc Hung: Viện ITIMSDang Duc Dung: Viện Vật lý kỹ thuật	Materials Research Express	01/08/2017	Tạp chí ISI, Q2
16	Hydrothermal synthesis of hydroxyapatite nanorods for rapid formation of bone-like mineralization	Tran Thanh Hoai, Nguyen Kim Nga, Luu Truong Giang, Tran Quang Huy, Phan Nguyen Minh Tuan, Bui Thi Thanh Binh	Journal of Electronic Materials	01/08/2017	Tạp chí ISI, Q2

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17	Enhancing the luminescence of Eu <sup>3+</sup> /Eu <sup>2+</sup> ion doped hydroxyapatite by fluoridation and thermal annealing	Hoang Nhu Van, Phuong Dinh Tam, Nguyen Duc Trung Kien, Pham Thanh Huy, Vuong-Hung Pham	Luminescence	01/08/2017	Tạp chí ISI, Q2
18	Luminescence of nanoporous Si and ALD-deposited ZnO on nanoporous Si substrate	VUONG-HUNG PHAM*, PHUONG DINH TAM, NGUYEN HUU DUNG, DUY-HUNG NGUYEN, PHAM THANH HUY	Journal of Electronic Materials 46	01/08/2017	Tạp chí ISI, Q2
19	A proposed PSOseed2 algorithm for training hardware-based and software-based neural networks	Tuan Linh Dang, Thang Cao, Yukinobu Hoshino	International Journal of Innovative Computing, Information and Control	01/08/2017	Tạp chí ISI
20	Dynamics and circuit realization of a no-equilibrium chaotic system with a boostable variable	Phạm Việt Thành, A. Akgul, C. Volos, S. Jafari, T. Kapitaniak	International Journal of Electronics and Communications	01/08/2017	Tạp chí ISI, Q3
21	Dynamics, circuit realization, control and synchronization of a hyperchaotic hyperjerk system with coexisting attractors	X. Wang, S. Vaidyanathan, C. Volos, Phạm Việt Thành, T. Kapitaniak	Nonlinear Dynamics Impact Factor 4.339	01/08/2017	Tạp chí ISI, Q1
22	Different families of hidden attractors in a new chaotic system with variable equilibrium	Phạm Việt Thành, S. Jafari, C. Volos, T. Kapitaniak	International Journal of Bifurcation and Chaos Impact Factor: 1.501	01/08/2017	Tạp chí ISI, Q1
23	Chaos-based application of a novel no-equilibrium chaotic system with coexisting attractors	Z. Wang, A. Akgul, Phạm Việt Thành, S. Jafari	Nonlinear Dynamics Impact Factor 4.339	01/08/2017	Tạp chí ISI, Q1
24	Design a Ship Autopilot using Neural Network	Le Thanh Tung	Journal of Ship Production and Design	01/08/2017	Tạp chí SCIE, Q2
25	A micro transmission system based on SOI-MEMS technology: Improvement and Characteristics	Phuc Hong Pham, Lam Bao Dang	Microsystem Technologies	01/08/2017	Tạp chí SCI, Q2
26	Bilayer SnO <sub>2</sub> -WO <sub>3</sub> nanofilms for enhanced NH <sub>3</sub> gas sensing performance	Nguyen Van Toan*, Chu Manh Hung, Nguyen Van Duy, Nguyen Duc Hoa, Dang Thi Thanh Le, Nguyen Van Hieu*	Materials Science & Engineering B	03/08/2017	Tạp chí ISI, Q1
27	Dynamics and circuit of a chaotic system with a curve of equilibrium points	Phạm Việt Thành, C. Volos, T. Kapitaniak, S. Jafari, X. Wang	International Journal of Electronics	03/08/2017	Tạp chí ISI, Q3
28	Salt Composition-Controlled Precipitation of Triple Salt-Promoted MgO with Enhanced CO <sub>2</sub> sorption rate and working capacity	Seongmin Jin, Keon Ho, Anh-Tuan Vu, Chang-Ha Lee	Energy and Fuel	08/08/2017	Tạp chí SCI, Q1
29	Iron induced room temperature ferromagnetism in ilmenite NiTiO <sub>3</sub> materials	Pham Phi Hung, Dang Duc Dung, Nguyen Hoang Tuan, Nguyen Ngoc Trung, Luong Huu Bac ↑	Materials Letters	08/08/2017	Tạp chí SCI, Q1
30	Mechanical properties of penta-graphene, hydrogenated penta-graphene, and penta-CN <sub>2</sub> sheets	Minh-Quy Le	Computational Materials Science	15/08/2017	Tạp chí SCI, Q1
31	Full-Duplex Cyber-Weapon With Massive Arrays	Nam-Phong Nguyen, Hien Quoc Ngo, Trung Q. Duong, Hoang Duong Tuan, Daniel Benevides da Costa	IEEE Transactions on Communications	23/08/2017	Tạp chí ISI, Q1
32	Secure Massive MIMO with the Artificial Noise-Aided Downlink Training	Nam-Phong Nguyen ; Hien Quoc Ngo ; Trung Q. Duong ; Hoang Duong Tuan ; Kamel Tourki	IEEE Journal on Selected Areas in Communications	23/08/2017	Tạp chí ISI, Q1
33	Optimization of sodium sulfide treatment of rice straw to increase the enzymatic hydrolysis in bioethanol production	Nguyễn Thị Minh Phương, Phan Huy Hoàng, Lê Quang Diễn, Doãn Thái Hòa	Clean Technology and Environmental Policy	26/08/2017	Tạp chí ISI, Q1
34	Multi-trip pickup and delivery problem with time windows and synchronization	P.K. Nguyen, T.G. Crainic, M. Toulouse	Annals of Operations Research	29/08/2017	Tạp chí SCIE, Q2

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35	Low-temperature sintering and prolonged holding time on the densification and properties of zirconia ceramic	Ting, C.H., R. Singh, C.Y. Tan, N.I. Zainal Abidin, W. Teng, I. Urries, and L.T. Bang,	Journal of Ceramic Processing Research	31/08/2017	Tạp chí ISI, Q3
36	Sodium Dodecyl Sulfate Doped Polyaniline for Enhancing the Electrochemical Sensitivity of Mercury Ions	Huy L Nguyen, Ha H Cao, Dzung T Nguyen, Vân-Anh Nguyen	Electroanalysis	01/09/2017	Tạp chí ISI, Q2
37	A new approach to sparse decomposition of nonstationary signals with multiple scale structures using self-consistent nonlinear waves	Hsu-Wen V.Young, Ke-Hsin Hsu, Van-Truong Pham, Thi-Thao Tran, Men-Tzung Lo	Physica A: Statistical Mechanics and its Applications	01/09/2017	Tạp chí ISI, Q1
38	A new chaotic attractor around a pre-located ring	Z. Wang, Z. Xu, E. Mliki, A. Akgul, Phạm Việt Thành, S. Jafari	International Journal of Bifurcation and ChaosImpact Factor: 1.501	01/09/2017	Tạp chí ISI, Q1
39	Detection of influenza A virus using carbon nanotubes field effect transistor based DNA sensor	Thi Luyen Tran, Thi Thuy Nguyen, Thi Thu Huyen Tran, Van Tuan Chu, Quang Thinh Tran, Anh Tuan Mai	Physica E	01/09/2017	Tạp chí ISI, Q2
40	A new approach to sparse decomposition of nonstationary signals with multiple scale structures using self-consistent nonlinear waves	Hsu-Wen V.Young, Ke-Hsin Hsu, Van-Truong Pham, Thi-Thao Tran, Men-Tzung Lo	Physica A: Statistical Mechanics and its Applications	01/09/2017	Tạp chí ISI, Q1
41	On-chip growth of semiconductor metal oxide nanowires for gas sensors: A review	Chu Manh Hung, Dang Thi Thanh Le, Nguyen Van Hieu	Journal of Science: Advanced Materials and Devices	01/09/2017	Tạp chí ISI, Q1
42	Sorption capacity and stability of mesoporous magnesium oxide in post-combustion CO2 capture	Keon Ho, Seongmin Jin, Mianjun Zhong, Anh-Tuan Vu, Chang-Ha Lee	Materials Chemistry and Physics	01/09/2017	Tạp chí SCIE
43	Splitting extragradient-like algorithms for strongly pseudomonotone equilibrium problems	Pham Ky Anh, Trinh Ngoc Hai	Numerical Algorithms	01/09/2017	Tạp chí SCIE, Q1
44	A perovskite-structured aluminium-substituted lithium lanthanum titanate as a potential artificial solid-electrolyte interface for aqueous rechargeable lithium-metal-based batteries	Hang T. T. Le, Duc Tung Ngo, Young-Jae Kim, Choong-Nyeon Park, Chan-Jin Park	Electrochimica Acta	01/09/2017	Tạp chí SCI, Q1
45	Facile Synthesis of Si@SiC Composite as an Anode Material for Lithium-Ion Batteries	Duc Tung Ngo, Hang T. T. Le, Xuan-Manh Pham, Choong-Nyeon Park, Chan-Jin Park	ACS Applied Materials and Interface	01/09/2017	Tạp chí SCI, Q1
46	Effect of Carbon Dissolution Reaction on Wetting Behaviour of Molten Fe-C Alloy on Graphite Substrate in the Initial Contact Period	Cao Son NGUYEN, Ko-ichiro OHNO, Takayuki MAEDA and Kazuya KUNITOMO	ISIJ international	01/09/2017	Tạp chí SCI, Q1
47	Controlled assembly of lignocellulosic biomass components and properties of reformed materials	Jing Wang, Ramiz Boy, Ngoc A Nguyen, Jong K Keum, David A Cullen, Jihua Chen, Mikhael Soliman, Kenneth C Littrell, David Harper, Laurene Tetard, Timothy G Rials, Amit K Naskar, Nicole Labbé	ACS Sustainable Chemistry & Engineering	05/09/2017	Tạp chí SCIE, Q1
48	Highly Conducting and Highly Transparent Oxide/Metal/Oxide Structures for Ultraviolet-C Light Sources Utilizing a Thin Cu Wetting Interlayer	Ngoc Minh Le, Byung-Teak Lee	ACS applied materials & interfaces	06/09/2017	Tạp chí SCI, Q1

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49	A comparative study on the morphology of P3HT:PCBM solar cells with the addition of Fe3O4 nanoparticles by spin and rod coating methods	Wenluan Zhang, Ngoc A Nguyen, Roy Murray, Jiyuan Xin, Michael E Mackay	Journal of Nanoparticle Research	09/09/2017	Tạp chí SCIE, Q2
50	Acetic Acid and Sodium Acetate Mixture as an Aeration Catalyst in The Removal of Metallic Iron in Reduced Ilmenite	Than Ngoc Truong, Thao Thi Nguyen, Binh Ngoc Duong	Acta Metallurgica Slovaca	12/09/2017	Tạp chí ISI, Q4
51	On the study of a quadrature DCSK modulation scheme for cognitive radio	Nguyễn Xuân Quyền	International Journal of Bifurcation and Chaos Impact Factor: 1.501	12/09/2017	Tạp chí ISI, Q1
52	New trends on modeling, design, and control of chaotic systems	J. M. Munoz-pacheco, C. Volos, E. Campos-canton, A. T. Azar, Phạm Việt Thành, A. G. Radwan	Mathematical Problems in Engineering Impact Factor: 1.145	13/09/2017	Tạp chí ISI, Q2
53	Outage Performance Analysis for Device-to-Device Communication Underlying Small Cell Networks with Wireless Power Transfer	Mohammed Nasser Altawaim, Nam-Phong Nguyen, William G. Scanlon, Sang Quang Nguyen	Mobile Networks and Applications	14/09/2017	Tạp chí ISI, Q2
54	Sol-Gel Synthesis of Bismuth Molybdate Catalysts for the Selective Oxidation of Propylene to Acrolein: Influence of pH Value and Theoretical Molar Atomic Ratio	Minh Thang Le, Van Hung Do, Duc Duc Truong, Ngo Nghia Pham	Journal of the Chinese chemical society	15/09/2017	Tạp chí ISI, Q3
55	Anomalous strain effect on the thermal conductivity of borophene: a reactive molecular dynamics study	Bohayra Mortazavi, Minh-Quy Le, Timon Rabczuk, Luiz Felipe C. Pereira	Physica E: Low-dimensional Systems and Nanostructures	15/09/2017	Tạp chí SCI, Q2
56	Analysis by Monte-Carlo simulation of uncapped nano crystals density effects on the collection efficiency	QuangTri Doan, Abdelillah El Hdiy, Xuan-Nui Duong, Chinh-Cuong Duong, Luong-Thien Nguyen	Superlattices and Microstructures	16/09/2017	Tạp chí ISI, Q2
57	Non-close packaged monolayer of silica nanoparticles on silicon substrate using HF vapor etching	N. V. Minh, N. N. Son, N.T. H. Lien and C. M. Hoang	IET Micro & Nano Letters	17/09/2017	Tạp chí SCIE, Q3
58	Effect of feed concentration and inlet air temperature on the properties of soymilk powder obtained by spray drying	Duc Quang Nguyen, Thu Ha Nguyen, Sabah Mounir, Karim Allaf	Drying Technology	27/09/2017	Tạp chí ISI, Q1
59	Numerical Simulation of the Heat Treatment Process for 100Cr6 steel	Xuan Thi Tran, Toai Dinh Vu, Khanh Quoc Dang	Acta Metallurgica Slovaca	29/09/2017	Tạp chí ISI, Q3
60	Influence of Preheating on Oxygen Plasma Cutting Process	NGUYEN VAN ANH, SHINICHI TASHIRO, MANABU TANAKA	The quarterly journal of Japan Welding Society	30/09/2017	Tạp chí ISI, Q1
61	BIGTIME	Tran Hoang Hai	Entrepreneurship Book of Vietnamese Cases	01/10/2017	
62	Study of diusion and local structure of sodium-silicate liquid	Pham Khac Hung, Fumiya Noritake, Luyen Thi San, To Ba Van, and Le The Vinh	Eur. Phys. J. B	01/10/2017	Tạp chí ISI
63	Analysis and stabilization of chaos in permanent magnet DC motor driver	F. R. Tahir, K. M. Abdul-hassan, M. A. Abdullah, Phạm Việt Thành, Hoàng Mạnh Thắng, X. Wang	International Journal of Bifurcation and Chaos Impact Factor: 1.501	01/10/2017	Tạp chí ISI, Q1
64	Synthesis and Properties of Nickel/Carbon Nanotube Nanocomposites via the Electrical Explosion of Wire in Liquid and Spark Plasma Sintering Method	Minh Thuyet Nguyen, Hong Hai Nguyen, Won Joo Kim, Vladimir An, Jin Chun Kim	Journal of Nanoscience and Nanotechnology	01/10/2017	Tạp chí ISI, Q3

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65	Regioselective surface functionalization of lithographically designed gold nanorods by plasmon-mediated reduction of aryl diazonium salts	Mai Nguyen, Issam Kherbouche, Sarra Gam-Derouich, Iman Ragheb, Stéphanie Lau-Truong, Aazdine Lamouri, Georges Lévi, Jean Aubard, Philippe Decorse, Nordin Félij, Claire Mangeney	Chemical Communications	01/10/2017	Tạp chí ISI, Q1
66	Effect of Zr Doping on Structural and Ferroelectric Properties of Lead-Free Bi0.5(Na0.80K0.20)0.5TiO3 Films	NGO DUC QUAN, VU NGOC HUNG, and DANG DUC DUNG	Journal of Electronic Materials, IF=1.676, Q2	01/10/2017	Tạp chí ISI, Q2
67	Heuristic approaches in robot path planning: A survey.	Mạc Thị Thoa, Cosmin Copot, Trần Đức Trung, Robin DeKeyser	Robotics and Autonomous Systems	01/10/2017	Tạp chí ISI, Q1
68	A meta-heuristic algorithm combining between tabu and variable neighborhood search for the minimum latency problem	Ban Hà Bằng, Nguyễn Đức Nghĩa	Fundamenta Informaticae	01/10/2017	Tạp chí SCIE
69	Two new splitting algorithms for equilibrium problems	Trinh Ngoc Hai, Nguyen The Vinh	Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas	01/10/2017	Tạp chí SCIE, Q2
70	Effect of Zr Doping on Structural and Ferroelectric Properties of Lead-Free Bi0.5(Na0.80K0.20)0.5TiO3 Films	Ngo Duc Quan, Vu Ngoc Hung, Dang Duc Dung	Journal of Electronic Materials	01/10/2017	Tạp chí SCI
71	A hierarchical global path planning approach for mobile robots based on multi-objective particle swarm optimization	Mạc Thị Thoa, Cosmin Copot, Tran Duc Trung, Robin De Keyser	Applied Soft Computing	01/10/2017	Tạp chí SCI, Q1
72	Crystallization-Based Isolation of Pure Rutin from Herbal Extract of Sophora japonica L.	Elena Horosanskaia, Tan Minh Nguyen, Tien Dinh Vu, Andreas Seidel-Morgenstern, Heike Lorenz	Organic Process Research & Development	02/10/2017	Tạp chí SCI, Q1
73	Self-ordering of nontrivial topological polarization in nanoporous ferroelectrics	Le Van Lich*, Takahiro Shimada, Jie Wang, Takayuki Kitamura	Nanoscale	03/10/2017	Tạp chí ISI, Q1
74	Joint Network Embedding and Server Consolidation for Energy Efficient Dynamic Data Center Virtualization	Tran Manh Nam, Nguyễn Hữu Thanh, Hoang Trung Hiếu, Nguyen Tien Manh, Nguyen Van Huynh, Hoang Duong Tuan	Journal of Computer Networks (Elsevier) Impact Factor: 2.522	09/10/2017	Tạp chí ISI, Q2
75	A study of the effects of input parameters on the dynamics and required power of an electric bicycle	Nguyen Ba Hung, Sung Jaewon, Ocktaeck Lim	Applied Energy	14/10/2017	Tạp chí ISI, Q1
76	A Study on Quality Metrics for 360 Video Communications	Tran Thanh Huyen, Pham The Cuong, Pham Ngọc Nam, Pham Tuan Anh, Truong Cong Thang	IEICE TRANSACTIONS on Information and Systems	16/10/2017	Tạp chí ISI, Q3
77	Prediction of membrane fouling using artificial neural networks for wastewater treated by membrane bioreactor technologies: bottlenecks and possibilities.	Félix Schmitt, Khắc-Uan Do	Environmental Science and Pollution Research	16/10/2017	Tạp chí SCI, Q2
78	On the Combination of Double Space Time Transmit Diversity With Spatial Modulation	Minh Tuan Le, Tien Dong Nguyen, Xuan Nam Tran, Ngô Vũ Đức	IEEE Transactions on Wireless Communications Impact Factor: 5.888	20/10/2017	Tạp chí ISI, Q1
79	Exchange biased spin valve-based gating flux sensor	Van Su Luong*, Anh Tuan Nguyen*, Anh Tue Nguyen	Measurement: Journal of the International Measurement Confederation	20/10/2017	Tạp chí ISI, Q1
80	Switching the chirality of ferroelectric vortex in designed nanostructures by a homogeneous electric field	Le Van Lich*, Takahiro Shimada, Jie Wang, Van-Hai Dinh, Tinh Quoc Bui, Takayuki Kitamura	Physical Review B	25/10/2017	Tạp chí ISI, Q1

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81	Single-dipole antenna on a metasurface for broadband circularly polarized radiation	Tạ Sơn Xuất, Hồ Quang Sơn, Nguyễn Khắc Kiêm, Đào Ngọc Chiến	Journal of Electromagnetic Waves and Applications	26/10/2017	Tạp chí ISI, Q3
82	Optimization Cutting Fluids and Parameters for Minimizing Cutting Force in Fly-Hobbing	Ngô Minh Tuấn, Hoàng Vĩnh Sinh, Hoàng Vỹ	Journal of Engineering and Applied Sciences	30/10/2017	Tạp chí ISI, Q4
83	Discrete pore network modeling of superheated steam drying	Kieu Hiep Le, Abdolreza Kharaghani, Christoph Kirsch, Evangelos Tsotsas	Drying technology	30/10/2017	Tạp chí SCI, Q1
84	The relationship between continuous cooling rate and microstructure in the heat affected zone (HAZ) of the dissimilar weld between carbon steel and austenitic stainless steel	Le Thi Nhung, Pham Mai Khanh, Le Minh Hai, Nguyen Duong Nam	Acta Metallurgica Slovaca	31/10/2017	Tạp chí ISI, Q3
85	Effect of Surface Morphology and Dispersion Media on the Properties of PEDOT:PSS/n-Si Hybrid Solar Cell Containing Functionalized Graphene	Pham Van Trinh, Phan Ngoc Hong, Bui Hung Thang, Nguyen Tuan Hong, Nguyen Van Chuc, Phan Ngoc Minh: Viện Hàn Lâm KHVN, Duong Van Thiet: ĐHBK Hà Nội	Advances in Materials Science and Engineering	01/11/2017	Tạp chí ISI
86	Electrosynthesized poly(1,5-diaminonaphthalene)/polypyrrole nanowires bilayer as an immunosensor platform for breast cancer biomarker CA 15-3	Van-Anh Nguyen, Huy L. Nguyen, Dzung T. Nguyen, Quan P. Do, Lam D. Tran	Current Applied Physics	01/11/2017	Tạp chí ISI
87	esVHO: Energy Saving Vertical Handover Extension for Local SDN in Non-Interconnected Environment	Toan Nguyen-Duc, Eiji Kamioka	IEICE TRANSACTIONS ON COMMUNICATIONS	01/11/2017	Tạp chí SCIE
88	Explicit formula of hedge-algebras-based fuzzy controller and applications in structural vibration control	Hai-Le Bui, Tung-Anh Le, Van-Binh Bui	Applied Soft Computing	01/11/2017	Tạp chí SCIE, Q1
89	Jet flow in a circulatory miniaturized system using ion wind	D.X Thien, D. B Lam, Bui. TT, P. H Phuc, T.C Dung, D.T Van	Mechatronics	01/11/2017	Tạp chí SCI, Q1
90	Automatic real-time focus control system for laser processing using dynamic focusing optical system	Binh Xuan Cao, Phuong Hoang Le, Sanghoon Ahn, Heeshin Kang, Jengo Kim, Jiwhan Noh	Optics Express	01/11/2017	Tạp chí SCI, Q1
91	A modified Hashin-Shtrikman model for predicting the thermal conductivity of polymer composites reinforced with randomly distributed hybrid fillers	Ich-Long Ngo, S.V. Prabhakar Vattikuti, Chan Byon	International Journal of Heat and Mass Transfer	01/11/2017	Tạp chí SCI, Q1
92	A Projected Subgradient Algorithm for Bilevel Equilibrium Problems and Applications	Le Quang Thuy, Trinh Ngoc Hai	Journal of Optimization Theory and Applications	01/11/2017	Tạp chí SCI, Q1
93	An efficient anonymous authentication protocol in multiple server communication networks (EAAM)	An Braeken, Pardeep Kumar, Madhusanka Liyanage, Tạ Thị Kim Huệ	The Journal of Supercomputing	14/11/2017	Tạp chí ISI, Q2
94	Using in-situ viscosimetry and morphogranulometry to explore hydrolysis mechanisms of filter paper and pretreated sugarcane bagasse under semi-dilute suspensions	Le T., Anne-Archard D., Coma V., Cameleyre X., Lombard E., To K.A., Pham T.A., Nguyen T.C., Fillaudeau L.	Biochemical Engineering Journal	15/11/2017	Tạp chí ISI, Q1
95	Optimal coating thickness for enhancement of optical effects in optical multilayer-based metrologies	Hoang Chu Manh, Nguyen Duy Vy, Le Tri Dat, Ho Thanh Huy, Takuya Iida	Optics Communications	30/11/2017	Tạp chí ISI, Q1

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96	Peptide aptamer-modified single-walled carbon nanotube-based transistors for high-performance biosensors,	Nguyen Thanh Tung, Phan Trong Tue, Yasuhide Ohno, Kenzo Maehashi, Kazuhiko Matsumoto, Koichi Nishigaki, Manish Biyani & Yuzuru Takamura, Truong Thi Ngoc Lien	Scientific Reports	01/12/2017	Tạp chí ISI, Q1
97	An adaptive observer synchronization using chaotic time-delay system for secure communication	M. H. Abd, F. R. Tahir, G. A. Al-suhail, Phạm Việt Thành	Nonlinear Dynamics Impact Factor 4.339	01/12/2017	Tạp chí ISI, Q1
98	Antimicrobial efficacy of extracts and constituents fractionated from <i>Rheum tanguticum</i> Maxim. ex Balf. rhizomes against phytopathogenic fungi and bacteria	Duong Quang Pham, Duong Thi Ba, Nga Thu Dao, Gyung JaChoi, Thuy Thu Vu, Jin-Chel Kim, Thi Phuong Ly Giang, Hoang Dinh Vu, Quang Le Dang	Industrial Crops & Products	01/12/2017	Tạp chí ISI, Q1
99	Synthesis of mesoporous Cr/ZSM-5 and W-Cr/ZSM-5 zeolite catalysts for oxidation of unsaturated fatty acid	Phan huy Hoang, Nguyen Thi Nhung, Le Quang Dien	AIP ADVANCES	01/12/2017	Tạp chí ISI
100	Simulation of dynamic and static thermoelastic fracture problems by extended nodal gradient finite elements	Minh Ngoc Nguyen, Tinh Quoc Bui, Nha Thanh Nguyen, Thien Tich Truong, Le Van Lich	International Journal of Mechanical Sciences	01/12/2017	Tạp chí ISI, Q1
101	An effective computational approach based on XFEM and a novel three-step detection algorithm for multiple complex flaw clusters	Chunping Ma, Tiantang Yu, Le Van Lich, Tinh Quoc Bui	Computers & Structures	01/12/2017	Tạp chí ISI, Q1
102	An Evaluation of Screen Content Casting over Mobile and Wireless Networks	Truong Cong Thang, Phạm Ngọc Nam, Nguyen Van Duc, Tran Thanh Huyen	Wireless Personal Communications	01/12/2017	Tạp chí ISI, Q3
103	Reconstructed genomes of novel Dehalococcoides mccartyi strains from 1,2,3,4-tetrachlorodibenzo-p-dioxin-dechlorinating enrichment cultures reveal divergent reductive dehalogenase gene profiles	Dam HT, Vollmers J, Kaster AK, Haggblom MM	FEMS Microbiology Ecology	01/12/2017	Tạp chí ISI, Q1
104	Study of crystallization mechanisms of Fe nanoparticles	P. H. Kien, G. T.T.Trang, P.K. Hung	IOP Conf. Series: Journal of Physics	01/12/2017	Tạp chí ISI, Q2
105	Topology Design and Cross-Layer Optimization for FSO Mesh Networks Impaired by Atmospheric Turbulence and Misalignment Fading	Linh D. Truong, Hien T. T. Pham, Ngoc T. Dang, Toi V. Doan	IEEE/OSA Journal of Optical Communications and Networking	01/12/2017	Tạp chí SCIE
106	The Bruck's ergodic iteration method for the Ky Fan inequality over the fixed point set	Jong Kyu Kim, Pham Ngoc Anh, Trinh Ngoc Hai	International Journal of Computer Mathematics	01/12/2017	Tạp chí SCIE, Q2
107	Distributed Hole-Bypassing Protocol in WSNs with Constant Stretch and Load Balancing	Phi Le Nguyen, Yusheng Ji, Zhi Liu, HuyVu, Khanh-Van Nguyen	Computer Networks	01/12/2017	Tạp chí SCI, Q1
108	Development of New Electrostatic Micro Cam System Driven by Elastic Wings	Phuc Hong Pham, Lam Bao Dang, Viet Hoang Nguyen, Van Thanh Dau	Microsystem Technologies	01/12/2017	Tạp chí SCI, Q2
109	Low-temperature prototype hydrogen sensors using Pd-decorated SnO <sub>2</sub> nanowires for exhaled breath applications	Nguyen Kien, Chu Manh Hung, Trinh Minh Ngoc, Dang Thi Thanh Le, Nguyen Duc Hoa, Nguyen Van Duy, Nguyen Van Hieu	Sensors and Actuators B: Chemical	01/12/2017	Tạp chí SCI, Q1
110	Bandwidth-enhanced low-profile antenna with parasitic patches	Tạ Sơn Xuất, Kam Eucharist Kedze, Đào Ngọc Chiến, Ikmo Park	International Journal of Antennas and Propagation	06/12/2017	Tạp chí ISI, Q3

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111	Analysis, synchronization and circuit design of a new highly nonlinear chaotic system	S. Mobayen, S. T. Kingni, Phạm Việt Thành, F. Nazarimehr, S. Jafari	International Journal of Systems Science	06/12/2017	Tạp chí ISI, Q1
112	Experimental investigation on weld pool formation process in plasma keyhole arc welding	Nguyen Van Anh, Shinichi Tashiro, Bui Van Hanh, Manabu Tanaka	Journal of Physics D: Applied Physics	07/12/2017	Tạp chí SCI, Q1
113	High-speed focus inspection system using position-sensitive detector	Binh Xuan Cao ,Phuong Le Hoang ,Sanghoon Ahn,Heeshin Kang,Jengo Kim and Jiwhan Noh	Sensors	08/12/2017	Tạp chí SCIE, Q2
114	Proportional–integral–derivative/fuzzy sliding mode control for suspension of active magnetic bearing system	Te-Jen Su, Tsung-Ying Li, Tung-Yeh Tsou, Van-Nam Giap, Quang-Dich Nguyen	Journal of Advances in Mechanical Engineering	14/12/2017	Tạp chí SCIE
115	Secure Communications in Cognitive Underlay Networks over Nakagami-m Channel	Nam-Phong Nguyen, Tu Lam Thanh, Trung Q. Duong, A.Nallanathan	Physical Communication	15/12/2017	Tạp chí ISI, Q2
116	The reduced reversible phase transition field of lead–free Bi–based ceramic composites by adding nonergodic relaxor	Thi Hinh Dinh, Vu Diem Ngoc Tran., Thi Thao Nguyen, Quyen Thi Ngoc Hoang, Hyoung–Su Han, Jae–Shin Lee	Ceramics International	15/12/2017	Tạp chí ISI, Q1
117	Wafer-level vacuum package of two-dimensional micro-scanner	Chu Manh Hoang, Takashi Sasaki, Kazuhiro Hane	Microsystem Technologies	15/12/2017	Tạp chí SCIE
118	Effects of various defects on the mechanical properties of black phosphorene	Nguyễn Danh Trường, Lê Minh Quý, Nguyễn Văn Trang, Bùi Thanh Lâm	Superlattices and Microstructures	15/12/2017	Tạp chí SCI, Q2
119	Cation Distribution Assisted Tuning of Magnetization in Nanosized Magnesium Ferrite	Nguyen Kim Thanh, To Thanh Loan, Nguyen Phuc Duong, Luong Ngoc Anh , Dao Thi Thuy Nguyet, Nguyen Huu Nam, Siriwat Soontaranon , Wantana Klysubun , Than Duc Hien	Physical Status Solidi A	19/12/2017	Tạp chí ISI, Q2
120	New Modulation Strategy Combining Phase Shift and Frequency Variation for Dual-Active-Bridge Converter	Nguyen Duy Dinh, Nguyen Duc Tuyen, Goro Fujita	IEEE Journal of Industry Applications	20/12/2017	Tạp chí ISI, Q2
121	On the Hartley superconvolution	Khoa N. M.,Thao N. X., Tuan V. K.	Integral Transforms and Special Functions	20/12/2017	Tạp chí SCIE
122	Design and Performance Analysis of A Novel Distributed Queue Access Protocol for Cellular- Based Massive M2M Communications	Anh-tuan H. Bui, Nguyễn Thành Chuyên, Truong C. Thang, Anh T. Pham	IEEE Access	25/12/2017	Tạp chí ISI, Q1
123	Dynamic mechanical properties of Vietnam natural rubber via grafting with styrene	Tran Anh Dung, Nguyen Thi Nhan, Nghiem Thi Thuong, Do Quoc Viet, Nguyen Huy Tung, Phan Trung Nghia, Seiichi Kawahara, Tran Thi Thuy	International Journal of Polymer Science	27/12/2017	Tạp chí ISI
124	Characterization of Highly Conducting ZnMgBeGaO/Ag/ZnMgBeGaO Transparent Conductive Multilayer Films with UV Energy Bandgap	Ngoc Minh Le, Ba Cuong Hoang, Byung-Teak Lee	Korean Journal of Materials Research	27/12/2017	Tạp chí SCI, Q3
125	Real-Time Monitoring and Analysis of Zebrafish Electrocardiogram with Anomaly Detection	Michael Lenning, Joseph Fortunato, Tai Le, Isaac Clark, Ang Sherpa, Soyeon Yi, Peter Hofsteen, Geethapriya Thamilarasu, Jingchun Yang, Xiaolei Xu, Hàn Huy Dũng, Tzung K. Hsiai, Hung Cao	Sensors	28/12/2017	Tạp chí ISI, Q2
126	Liquefaction of food waste and its impacts on anaerobic biodegradability, energy ratio and economic feasibility.	S.Kavitha, J. Rajesh Banu, A. Arul Priya, Do Khac Uan, Ick Tae Yeom	Applied Energy	28/12/2017	Tạp chí SCI, Q1



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127	Experimental investigation on the weld pool formation process in plasma keyhole arc welding	NGUYEN VAN ANH, SHINICHI TASHIRO, BUI VAN HANH, MANABU TANAKA	Journal of Physics D: Applied Physics	31/12/2017	Tạp chí SCI, Q1
128	Discrete-Time Quasi-Sliding-Mode Control With Prescribed Performance Function and its Application to Piezo-Actuated Positioning Systems	Manh Linh Nguyen, Xinkai Chen and Fan Yang	IEEE Transactions on Industrial Electronics	01/01/2018	Tạp chí ISI, Q1
129	Defect induced room temperature ferromagnetism in lead-free ferroelectric Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub> materials	N.H. Tuan, D.V. Thiet, D. Odkhuu, L.H. Bac, P.V. Binh, D.D. Dung*	Physica B (; IF=1.386)	01/01/2018	Tạp chí ISI
130	Structural, optical, and magnetic properties of SrFeO <sub>3-δ</sub> -modified Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> materials	Nguyen The Hung, Luong Huu Bac, Nguyen The Hoang, Pham Van Vinh, Nguyen Ngoc Trung, Dang Duc Dung*	Physica B (IF=1.386)	01/01/2018	Tạp chí ISI
131	Adolescents exposed to the World Trade Center collapse have elevated serum dioxin and furan concentrations more than 12 years later	Linda G. Kahn, Xiaoxia Han, Tony T. Koshy, Yongzhao Shao, Dinh Binh Chu, Kurunthachalam Kannan, Leonardo Trasande	Environment International	01/01/2018	Tạp chí ISI, Q1
132	Fuzzy predictive controller for chaotic flows based on continuous signals	F. Nazarimehr, J. Sheikh, M. M. Ahmadi, Phạm Việt Thành, S. Jafari	Chaos, Solitons and Fractals	01/01/2018	Tạp chí ISI, Q2
133	Crystalline and Electronic Structures and Magnetic and Electrical Properties of La-Doped Ca <sub>2</sub> Fe <sub>2</sub> O <sub>5</sub> Compounds	T. L. Phan, P. T. Tho, N. Tran, D. H. Kim, B. W. Lee: ĐH Hankuk Hàn Quốc, D. S. Yang: ĐH Chungnam Hàn Quốc, S.L.Cho: ĐH Ulsan Hàn Quốc, D. V. Thiet: ĐHBK Hà Nội	Journal of Electronic Materials	01/01/2018	Tạp chí ISI
134	Optimizing the Carrier Density and Thermoelectric Properties of Sb <sub>2</sub> Te <sub>3</sub> Films by Using the Growth Temperature	Duong Van Thiet, Nguyen Van Quang, Nguyen Thi Minh Hai, Nguyen Thi Huong, Sunglae Cho, Duong Anh Tuan, Dang Duc Dung, and Tran Van Tam,	Journal of the Korean Physical Society ( IF=0.467)	01/01/2018	Tạp chí ISI
135	Inverse MR and dual-AMR phenomena in Co/CoO/Ag/Co sandwiches.	Nguyen Anh Tuan*1, Luong Van Su1, Hoang Quoc Khanh1, Nguyen Anh Tue2, Nguyen Thi Luyen3	Journal of the Korean Physical Society (JKPS)	01/01/2018	Tạp chí ISI, Q2
136	Challenge toward Nanometer Scale Fracture Mechanics	Takayuki Kitamura, Takashi Sumigawa, Takahiro Shimada, Le Van Lich	Engineering Fracture Mechanics	01/01/2018	Tạp chí ISI, Q1
137	Oxidized Mn:Ge magnetic semiconductor: Observation of anomalous Hall effect and large magnetoresistance	Dang Duc Dung, Jiyoun Choi, Wuwei Feng, Nguyen Cao Khang, and Sunglae Cho	Physica B (IF=1.386)	01/01/2018	Tạp chí ISI, Q2
138	Thresholds for the Break of Nucleon Cooper Pairs and Special Features of the Decay of the 172 Yb Nucleus in the Reaction 171 Yb(nth, 2γ)	N. A. Nguyen1)*, X. H. Nguyen1), D. K. Pham2), D. C. Vu3), 4), A. M. Sukhovoij4)***, and L. V. Mitsyna4	Physics of Atomic Nuclei	01/01/2018	Tạp chí ISI, Q3
139	Luminescence of lemon derived carbon quantum dot and its potential application in luminescent probe for detection of Mo <sup>6+</sup> ions	Bui Thi Hoan, Pham Van Huan, Hoang Nhu Van, Duy Hung Nguyen, Phuong Dinh Tam, Khoi Thi Nguyen, Vuong-Hung Pham*	Luminescence	01/01/2018	Tạp chí ISI, Q2
140	Room-temperature ferromagnetism in Fe-based perovskite solid solution in lead-free ferroelectric Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> materials	Nguyen The Hung, Luong Huu Bac, Nguyen Ngoc Trung, Nguyen The Hoang, Pham Van Vinh, and Dang Duc Dung*	Journal of Magnetism and Magnetic Materials ( IF=2.630)	01/01/2018	Tạp chí ISI
141	Exchange biased spin valve-based gating flux sensor	Van Su Luong*1, Anh Tuan Nguyen*1, Anh Tue Nguyen2	Measurement: Journal of the International Measurement Confederation	01/01/2018	Tạp chí ISI, Q1

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142	Size-controlled heating ability of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles for hyperthermia applications	P.T. Phong, N.X. Phuc, P.H. Namd, N.V. Chien, D.D. Dung, and P.H. Linh	Physica B (IF=1.386)	01/01/2018	Tạp chí ISI, Q2
143	Ultrasensitive NO <sub>2</sub> gas sensors using hybrid heterojunctions of multi-walled carbon nanotubes and on-chip grown SnO <sub>2</sub> nanowires	Quan Thi Minh Nguyet, Nguyen Van Duy, Chu Manh Hung, Nguyen Duc Hoa and Nguyen Van Hieu	Applied Physics Letters	01/01/2018	Tạp chí ISI, Q1
144	Characteristics optimization of powder mixed electric discharge machining using titanium powder for die steel materials	Tien-Long Banh, Huu-Phan Nguyen, Cuong Ngo, Duc-Toan Nguyen	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineerin	01/01/2018	Tạp chí ISI, Q2
145	Enhanced Soft Magnetic Properties of [NiFe/Ta] <sub>n</sub> Laminated Films for Flux Amplification in Magnetic Sensors.	Van Su Luong <sup>1</sup> , Nguyen Anh Tuan* <sup>1</sup> , Nguyen Thi Luyen <sup>3</sup> , Nguyen Anh Tue <sup>2</sup> , Hoang Quoc Khanh <sup>4</sup>	IEEE Transactions on Magnetics	01/01/2018	Tạp chí ISI, Q2
146	A robust ICI suppression based on an adaptive equalizer for very fast time-varying channels in LTE-R systems	Hanbyeog Cho, Nguyễn Tiến Hòa, Huu Nghia Nguyen, Hyun-kyun Choi, Jin-kyu Choi, Soongwan Ro, Nguyễn Văn Đức	EURASIP Journal on Wireless Communications and Networking	01/01/2018	Tạp chí ISI, Q2
147	A Novel Residual Frequency Estimation Method for GNSS Receivers	Tu Thi-Thanh Nguyen, Vinh The La, and Tung Hai Ta	Sensors	01/01/2018	Tạp chí SCIE
148	A LSTM based Framework for Handling Multiclass Imbalance in DGA Botnet Detection	Duc Tran, Hieu Mac, Van Tong, Anh Tran Hai, Giang Nguyen Linh	Neurocomputing	01/01/2018	Tạp chí SCIE, Q1
149	On the min-cost traveling salesman problem with drone	Quang Minh HA, Yves Deville, Quang Dung PHAM, Minh Hoang HA	Transportation Research Part C – Emerging technologies	01/01/2018	Tạp chí SCIE, Q1
150	GNSS receiver implementations to mitigate the effects of commensurate sampling frequencies on DLL code tracking	Vinh Tran Tuan, Shivaramaiah NC, Thuan Nguyen Dinh, Glennon EP, Dempster AG	GPS Solutions	01/01/2018	Tạp chí SCIE, Q1
151	A LOAD-BUFFER SEMANTICS FOR TOTAL STORE ORDERING	PAROSH AZIZ ABDULLA, MOHAMED FAOUZI ATIG, AHMED BOUAIJANI, TUAN PHONG NGO	Logical Methods in Computer Science	01/01/2018	Tạp chí SCI
152	The use of magnetic orientation as a pinning modality for investigation of photon-magnon interactions in magnetic nanoparticle systems	Giap Van Cuong <sup>1,2</sup> , Luong Van Su <sup>1</sup> , Nguyen Anh Tue <sup>3</sup> , Hoang Quoc Khanh <sup>1</sup> , Nguyen Anh Tuan <sup>1</sup> ,(*)	Journal of Nanoscience and Nanotechnology (JNN)	01/01/2018	Tạp chí SCI
153	Highly porous coral-like silicon particles synthesized by an ultra-simple thermal-reduction method	Duc Tung Ngo, Hang T. T. Le, Xuan-Manh Pham, Ji-Won Jung, Ngoc Hung Vu, John G. Fisher, Won-Bin Im, Il-Doon Kim, Chan-Jin Park	Journal of Materials Chemistry A	01/01/2018	Tạp chí SCI, Q1
154	Controllability radii of linear neutral systems under structured perturbations	Đỗ Đức Thuận, Nguyễn Thị Hồng	International Journal of Control	01/01/2018	Tạp chí SCI, Q1
155	Multi-functionalization of lithographically designed gold nanodisks by plasmon-mediated reduction of aryl diazonium salts	Inga Tijunelyte, Issam Kherbouche, Sarra Gam-Derouich, Mai Nguyen, N Lidgi-Guigui, M Lamy de la Chapelle, A Lamouri, G Levi, J Aubard, A Chevillot-Biraud, C Mangeney, N Felidj	Nanoscale Horizons	01/01/2018	Tạp chí ISI, Q1
156	Supertough PLA-silane nanohybrids by in situ condensation and grafting	Xiangtao Meng, Ngoc A Nguyen, Halil Tekinalp, Edgar Lara-Curzio, Soydan Ozcan	ACS Sustainable Chemistry & Engineering	02/01/2018	Tạp chí SCIE, Q1

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157	In situ observation of phase transformation in iron carbide nanocrystals	Le Thanh Cuong, Nguyen Duc Dung, Ta Quoc Tuan, Nguyen Thi Khoi, Pham Thanh Huy, Ngo Ngoc Ha	Micron	03/01/2018	Tạp chí ISI, Q4
158	ICI Mitigation by Estimation of Double Carrier Frequency Offsets in High-Speed-Railway Communication Systems for Smart Cities	Vũ Văn Yêm, Trinh Thi Huong	Journal of Mobile Networks and Applications	05/01/2018	Tạp chí ISI, Q1
159	Calculation of Local Skin Doses with ICRP Adult Mesh-type Reference Computational Phantoms	Y. S. Yeom, H. Han, C. Choi, T. T. Nguyen, H. Lee, B. Shin, C. H. Kim*, and M. C. Han	Journal of Korean Physical Society	07/01/2018	Tạp chí SCI
160	Korean Anatomical Reference Data for Adults for Use in Radiological Protection	C. Choi, Y. S. Yeom, T. T. Nguyen, H. Lee, H. Han, B. Shin, X. Zhang, C. H. Kim, and B. S. Chung	Journal of Korean Physical Society (SCI)	07/01/2018	Tạp chí SCI
161	An Acrylonitrile-Butadiene-Lignin Renewable Skin with Programmable and Switchable Electrical Conductivity for Stress/Strain-Sensing Applications	Ngoc A. Nguyen, Kelly M. Meek, Christopher C. Bowland, Sietske H. Barnes, Amit K. Naskar	Macromolecules	09/01/2018	Tạp chí ISI, Q1
162	Controlling microstructure and film growth of relaxor-ferroelectric thin films for high break-down strength and energy-storage performance	Minh D. Nguyen, Chi T.Q. Nguyen, Hung N. Vu, Guus Rijnders	Journal of the European Ceramic Society	09/01/2018	Tạp chí ISI, Q1
163	A time-domain estimation method of rapidly time-varying channels for OFDM-based LTE-R systems	Jin-kyuchoi, Nguyễn Văn Đức, Nguyễn Hải Nam, Dương Văn Vinh, Nguyễn Tiên Hòa, Hanbyeogcho, Hyun-kyunchoi, Seong-gyoonpark	Digital Communications and Networks	11/01/2018	Tạp chí ISI, Q1
164	Z-axis tuning fork gyroscope having a controlled anti-phase and freestanding architecture: design and fabrication	Minh Ngoc Nguyen, Long Quang Nguyen, Nhat Sinh Ha, Hoang Manh Chu, Hung Ngoc Vu, Trinh Chu Duc	Int. J. Nanotechnol.	12/01/2018	Tạp chí SCIE, Q3
165	A transmission line decoupling technique for enhancement of port isolation of dual-band MIMO antennas	Nguyễn Khắc Kiểm, Đào Ngọc Chiến	Journal of Electromagnetic Waves and Applications	18/01/2018	Tạp chí ISI, Q3
166	An Investigation of Silver Nanoparticles Formation under Presence of Graphene Quantum Dots as Reducing Reagent and Stabilizer.	Hoang Vinh Tran, Anh Duc Chu, Tuan Van Nguyen, Nghia Duc Nguyen, Thu Dieu Le, Chinh Dang Huynh	Materials Transactions	24/01/2018	Tạp chí ISI
167	Structured distance to non-surjectivity of convex processes and its applications to robust controllability under structured perturbations	Nguyễn Khoa Sơn, Đỗ Đức Thuận	IET Control Theory & Applications	30/01/2018	Tạp chí SCI, Q1
168	Acetone sensing properties of CuO nanowalls synthesized via oxidation of Cu foil in aqueous NH4OH	Vu Xuan Hien, Nguyen Hoang Minh, Dang TuanSon, Nguyen Thanh Nghi, Luong Huu Phuoc, Cao Tien Khoa, Dang Duc Vuong, Nguyen Duc Chien, Young-Woo Heo	Vacuum	31/01/2018	Tạp chí ISI, Q2
169	Numerical analysis of plasma arc physical characteristics under additional constraint of keyhole	BIN XU, FAN JIANG, TANKA MANABU, TASHIRO SHINICHI, NGUYEN VAN ANH, SHUJUN CHEN	Chinese Physics B	31/01/2018	Tạp chí SCIE, Q2

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170	Electro-Immobilization of Acetylcholinesterase Using Polydopamine for Carbaryl Microsensor	Trung B Ha, Huyen T Le, Ha H Cao, Nguyen Thanh Binh, Huy L Nguyen, Le Hai Dang, Quan P Do, Dzung T Nguyen, Tran Dai Lam, Vân-Anh Nguyen	Journal of ELECTRONIC MATERIALS	01/02/2018	Tạp chí ISI, Q2
171	Design, synthesis and evaluation of novel N-hydroxybenzamides/N-hydroxypropanamides incorporating quinazolin-4(3H)-ones as histone deacetylase inhibitors and antitumor agents	Doan Thanh Hieu, Duong Tien Anh, Nguyen Minh Tuan, Pham-The Hai, Le-Thi-Thu Huong, Jisung Kim, Jong Soon Kang, Tran Khac Vu, Phan Thi Phuong Dung, Sang-Bae Han, Nguyen-Hai Nam, Nguyen-Dang Hoa	Bioorganic Chemistry	01/02/2018	Tạp chí ISI, Q2
172	Isolation of phage display library-derived scFv antibody specific to Listeria monocytogenes by a novel immobilized method	Xuan-Hung Nguyen, Thu-Le Trinh, Thi-Bich-Huong Vu, Quang-Huan Le and Kim-Anh To	Journal of Applied Microbiology	01/02/2018	Tạp chí ISI
173	Optimizing photocatalytic performance of hydrothermally synthesised LaFeO <sub>3</sub> by tuning material properties and operating conditions	Thi To Nga Phan, Aleksandar N. Nikolovski, Parisa Arabzadeh Bahri, Dan Li	Journal of Environmental Chemical Engineering	01/02/2018	Tạp chí ISI, Q1
174	Hyperchaotic attractor in a novel hyperjerk system with two nonlinearities	P. Daltzis, S. Vaidyanathan, Phạm Việt Thành, C. Volos, E. Nistazakis, G. Tombras	Circuit, Systems, and Signal Processing	01/02/2018	Tạp chí ISI, Q2
175	Antimonotonicity, crisis and multiple attractors in a simple memristive circuit	C. K. Volos, A. Akgul, Phạm Việt Thành, M. S. Baptista	Journal of Circuits, Systems, and Computers	01/02/2018	Tạp chí ISI, Q3
176	Nonlinear thermal Torsional post-buckling of Carbon nanotube-reinforced composite cylindrical shell with piezoelectric actuator layers surrounded by elastic medium	Đình Gia Ninh	Thin-Walled Structures	01/02/2018	Tạp chí ISI, Q1
177	Close-packed monolayer self-assembly of silica nanospheres assisted by infrared irradiation	Nguyen Van Minh, Nguyen Thi Hue, Nghiem Thi Ha Lien, Chu Manh Hoang	Electronic Materials Letters	01/02/2018	Tạp chí SCIE
178	Improvements of Piezo-Actuated Stick-Slip Micro-Drives: Modeling and Driving Waveform	Nguyen Xuan Ha, Mau Tien Hiep, I. Mayer, Dang Bao Lam, Pham Hong Phuc	Coatings	01/02/2018	Tạp chí SCIE, Q2
179	Formations on Directed Cycle with Bearing-only Measurements	Minh Hoang Trinh, Dwaipayan Mukherjee, Daniel Zelazo, Hyo-Sung Ahn	International Journal of Robust and Nonlinear Control	01/02/2018	Tạp chí SCIE, Q1
180	The development of an autonomous navigation system with optimal control of an UAV in partly unknown indoor environment	Mạc Thị Thoa, Cosmin Copot, Robin DeKeyser, Clara M. Ionescu	Mechatronics/ Elsevier	01/02/2018	Tạp chí SCI, Q1
181	Measurement of focal length based on laser-beam-spot tracking system using diffractive beam sampler	BinhXuan Cao, PhuongLe Hoang, SanghoonAhn, Jeng-oKim, Heeshin Kang, Jiwhan Noh	Measurement	01/02/2018	Tạp chí SCI, Q1
182	High-speed, high-precision focal length measurement using double-hole mask and advanced image sensor software	Binh XuanCao, PhuongLe Hoang, Sanghoon Ahn, Jeng-oKim, Heeshin Kang, JiwhanNoh	ISA Transactions	01/02/2018	Tạp chí SCI, Q1
183	The legal aspects of Ecosystem Services in agricultural land pricing, some implications from a case study in Vietnam's Mekong Delta	Ho Huu Loc, Kim N. Irvine, Nguyen Thi Hong Diep, Nguyen Thi Kim Quyen, Nguyen Ngoc Tue, Yoshihisa Shimizu	Ecosystem Services	01/02/2018	Tạp chí SCI, Q1
184	C <sub>2</sub> H <sub>5</sub> OH and NO <sub>2</sub> sensing properties of ZnO nanostructures: correlation between crystal size, defect level and sensing performance	Chu Thi Quy, Nguyen Xuan Thai, Nguyen Duc Hoa, Dang Thi Thanh Le, Chu Manh Hung, Nguyen Van Duy, Nguyen Van Hieu	RSC Advances	01/02/2018	Tạp chí SCI, Q1

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185	Multiselective visual gas sensor using nickel oxide nanowires as chemiresistor	Matteo Tonzzer*, Dang Thi Thanh Le, Tran Quang Huy, Salvatore Iannotta	Sensors and Actuators B	01/02/2018	Tạp chí SCI, Q1
186	Enhanced lycopene extraction from gac ( <i>Momordica cochinchinensis</i> Spreng.) by the Z-isomerization induced with microwave irradiation pre-treatment	Masaki Honda, Yo Watanabe, Kazuya Murakami, Nguyen Ngoc Hoang, Wahyudiono, Hideki Kanda and Motonobu Goto	European Journal of Lipid Science and Technology	02/02/2018	Tạp chí SCI, Q2
187	Optimal Power Control and Load Balancing for Uplink Cell-Free Multi-User Massive MIMO	Nguyễn Tiên Hòa, Nguyễn Thế Khải, Hàn Huy Dũng, Nguyễn Văn Đức	IEEE ACCESS	05/02/2018	Tạp chí ISI, Q1
188	Exponential stability and robust stability for linear time-varying singular systems of second-order difference equations	Vũ Hoàng Linh, Ngô Thị Thanh Nga, Đỗ Đức Thuận	SIAM Journal on Matrix Analysis and Applications	06/02/2018	Tạp chí SCI, Q1
189	Controlled synthesis of manganese tungstate nanorods for highly selective NH <sub>3</sub> gas sensor	Do Dang Trung a, *, Nguyen Duc Cuong b, c, *, Khuc Quang Trung a, Thanh-Dinh Nguyen d, Nguyen Van Toan e, Chu Manh Hung e, Nguyen Van Hieu e, *	Journal of Alloys and Compounds	14/02/2018	Tạp chí SCI, Q1
190	Cryptanalysis and security improvement for a symmetric color image encryption algorithm	Hoàng Mạnh Thắng, Hoàng Xuân Thành	International Journal for Light and Electron Optics (Optik)	15/02/2018	Tạp chí ISI, Q2
191	Microstructural, Optical, and Magnetic Properties of BiCoO <sub>3</sub> -Modified Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub>	Nguyen Hoang Tuan, Nguyen Hoang Linh, Dorj Odkhuy, Nguyen Ngoc Trung, and Dang Duc Dung*	Journal of ELECTRONIC MATERIALS (IF=1.579)	22/02/2018	Tạp chí ISI, Q2
192	Fe <sub>2</sub> O <sub>3</sub> nanoporous network fabricated from Fe <sub>3</sub> O <sub>4</sub> /reduced graphene oxide for high-performance ethanol gas sensor	Nguyen Thi Anh Thu a, Nguyen Duc Cuong b,c,*, Le Cao Nguyen a, Dinh Quang Khieu b, Pham Cam Nam d, Nguyen Van Toan e, Chu Manh Hung e, Nguyen Van Hieu e,**	Sensors and Actuators B: Chemical	23/02/2018	Tạp chí ISI, Q1
193	Melanin-embedded materials effectively remove hexavalent chromium (CrVI) from aqueous solution	An Manh Cuong, Nguyen Thi Le Na, Pham Nhat Thang, Trinh Ngoc Diep, Ly Bich Thuy, Nguyen Lai Thanh, Nguyen Dinh Thang	Environmental Health and Preventive Medicine	23/02/2018	Tạp chí SCI, Q2
194	Probabilities of False Alarm for Vital Sign Detection on the Basis of a Doppler Radar System	Nguyen Thi Phuoc Van, Liqiong Tang, Subhas Mukhopadhyay, Nguyễn Đức Minh, Faraz Hasan	Sensors	26/02/2018	Tạp chí ISI, Q2
195	Advanced topics in modeling, bifurcation analysis, and control theory of complex systems	O. Boubaker, S. Jafari, C. Volos, Z. Elhadj, Phạm Việt Thành, J. Cao	Complexity	26/02/2018	Tạp chí ISI, Q1
196	Formation of Fe <sub>2</sub> SiO <sub>4</sub> thin films on Si substrates and influence of substrate to its thermoelectric transport properties	Jeongyong Choi, Van Quang Nguyen, Yooleemi Shin, Anh Tuan Duong, Sunglae Cho: ĐH Ulsan, Van Thiet Duong: ĐHBKHN	Physica B: Condensed Matter	01/03/2018	Tạp chí ISI
197	Matrix-Weighted Consensus and Its Applications	Minh Hoang Trinh, Chuong Van Nguyen, Young-Hun Lim, Hyo-Sung Ahn	Automatica	01/03/2018	Tạp chí ISI, Q1
198	A new transiently chaotic flow with ellipsoid equilibria	S. Panahi, Z. Aram, S. Jafari, Phạm Việt Thành, C. Volos, K. Rajagopal	Pramana – Journal of Physics	01/03/2018	Tạp chí ISI, Q3
199	The effectiveness of the industrial field trip in introduction to engineering: A case study at Hung Yen University of Technology and Education, Vietnam	Nguyễn Văn Hạnh, Nguyễn Hữu Hợp	International Journal of Electrical Engineering Education	01/03/2018	Tạp chí ISI, Q2
200	Continuum thermodynamics of unusual domain evolution-induced toughening effect in nanocracked strontium titanate	Le Van Lich*, Takahiro Shimada, Kairi Masuda, Jie Wang, Tinh Quoc Bui, Van-Hai Dinh, Takayuki Kitamura	Engineering Fracture Mechanics	01/03/2018	Tạp chí ISI, Q1

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201	A simple fractional-order chaotic system without equilibrium and its synchronization	Phạm Việt Thành, A. Ouannas, C. Volos, T. Kapitaniak	International Journal of Electronics and Communications Impact Factor: 2.115	01/03/2018	Tạp chí ISI, Q3
202	Bistable hidden attractors in a novel chaotic system with hyperbolic sine equilibrium	Phạm Việt Thành, C. Volos, S. T. Kingni, T. Kapitaniak, S. Jafari	Circuit, Systems, and Signal Processing	01/03/2018	Tạp chí ISI, Q2
203	Unsupervised Sentence Embeddings for Answer Summarization in non-factoid CQA	Thi-Thanh Ha, Thanh-Chinh Nguyen, Kiem-Hieu Nguyen, Van-Chung Vu, Kim-Anh Nguyen	Computación y Sistemas	01/03/2018	Tạp chí ISI
204	A time-dependent model with speed windows for share-a-ride problems: A case study for Tokyo transportation	Phan Thuan Do, Nguyen Viet Dung Nghiem, Ngoc Quang Nguyen, Quang Dung Pham	Data & Knowledge Engineering	01/03/2018	Tạp chí SCIE
205	Hardware/Software Co-design for a Neural Network Trained by Particle Swarm Optimization Algorithm	Tuan Linh Dang, Yukinobu Hoshino	Neural Processing Letters	01/03/2018	Tạp chí SCIE
206	Generalised Theory on the Effects of Sampling Frequency on GNSS Code Tracking	Tran Vinh T., Nagaraj C. Shivaramaiah, Thuan D. Nguyen, Joon W. Cheong, Eamonn P. Glennon, and Andrew G. Dempster	The Journal of Navigation	01/03/2018	Tạp chí SCIE, Q1
207	A splitting algorithm for equilibrium problem given by the difference of two bifunctions	Pham Ky Anh, Trinh Ngoc Hai	Journal of Fixed Point Theory and Applications	01/03/2018	Tạp chí SCIE, Q2
208	Reactive molecular dynamics simulations of the mechanical properties of various phosphorene allotropes	Minh-Quy Le	Nanotechnology	01/03/2018	Tạp chí SCI, Q1
209	Biocompatible nanoclusters of O-carboxymethyl chitosan-coated Fe3O4 nanoparticles: synthesis, characterization and magnetic heating efficiency	P. H. Linh, N. V. Chien, D. D. Dung, P. H. Nam, D. T. Hoa, N. T. N. Anh, L. V. Hong, N. X. Phuc, and P. T. Phong	Journal of Materials Science ( IF =2.599)	05/03/2018	Tạp chí ISI
210	Gazing behavior reactions of Vietnamese and Austrian consumers to Austrian wafers and their relations to wanting, expected and tasted liking	Vu Thi Minh Hang, Tu Viet Phu, Klaus Duerrschmid	Food Research International Pages 639-648	06/03/2018	Tạp chí ISI, Q1
211	Estimating the effect of asymmetric electrodes in bipolar discharge ion wind generator	Van Thanh Dau, Canh-Dung Tran, Thien Xuan Dinh, Lam Bao Dang, Tibor Terebessy, Tung Thanh Bui	IEEE Transactions on Dielectrics and Electrical Insulation	07/03/2018	Tạp chí ISI, Q1
212	Computational predictions of zinc oxide hollow structures	Vu Ngoc Tuoc, Tran Doan Huan and Nguyen Thi Thao	Physica B: Physics of Condensed Matter	08/03/2018	Tạp chí ISI
213	Characterization of biogenic hydroxyapatite derived from animal bones for biomedical applications.	Ramesh, S., Z.Z. Loo, C.Y. Tan, W.J.K. Chew, Y.C. Ching, F. Tarlochan, H. Chandran, S. Krishnasamy, L.T. Bang, and A.A.D. Sarhan	Ceramics International	09/03/2018	Tạp chí ISI, Q1
214	Two-domain structure and dynamics heterogeneity in a liquid SiO2	P.K. Hung, L.T. Vinh, N.V. Hong, N.T. Thu Ha, Toshiaki Iitaka	Journal of Non-Crystalline Solids 484 (2018) 124–131	15/03/2018	Tạp chí ISI
215	A general unified approach to chaos synchronization in continuous-time systems (with or without equilibrium points) as well as in discrete-time systems	G. Grassi, A. Ouannas, Phạm Việt Thành	Archives of Control Sciences	20/03/2018	Tạp chí ISI, Q3
216	Assist-as-needed control of a robotic orthosis actuated by pneumatic artificial muscle for gait rehabilitation	Quy-Thinh Dao and Shin-ichiroh Yamamoto	Applied Sciences	25/03/2018	Tạp chí SCIE, Q1

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217	Phase Structures and Magnetic Properties of Graphite Nanosheets and Ni-Graphite Nanocomposite Synthesized by Electrical Explosion of Wire in Liquid	Nguyen Minh Thuyet, Jin-Hyung Kim, Jung-Goo Lee, Jin-Chun Kim	Metals and Materials International	28/03/2018	Tạp chí ISI, Q1
218	Techno-economic analysis of fry-drying and torrefaction plant for bio-solid fuel production	Truong Xuan Do, Young-il Lim, Hyodeuk Cho, Jaehui Shim, Jeongkeun Yoo, Kyutai Rho, Seong-Geun Choi, Chanwoo Park, Byeong-Yun Park	Renewable Energy	01/04/2018	Tạp chí ISI, Q1
219	Modelling of long-wave chaotic radar system for anti-stealth applications	G. A. Al-suhail, F. R. Tahir, M. H. Abd, Phạm Việt Thành, L. Fortuna	Communications in Nonlinear Science and Numerical Simulation	01/04/2018	Tạp chí ISI, Q1
220	Cross-Layer Management for Multiple Adaptive Streaming Clients in Wireless Home Networks	Nguyen Van Duc, Tran Thanh Huyen, Phạm Ngọc Nam, Truong Cong Thang	IEICE Transactions on Information and Systems	01/04/2018	Tạp chí ISI, Q3
221	A novel cubic-equilibrium chaotic system with coexisting hidden attractors: Analysis and circuit implementation	Phạm Việt Thành, C. Volos, S. Jafari, T. Kapitaniak	Journal of Circuits, Systems, and Computers	01/04/2018	Tạp chí ISI, Q3
222	Highly sensitive DNA sensors based on cerium oxide nanorods	Nguyen Thi Nguyet, Le Thi Hai Yen, Vu Van Thu, Hoang lan, Tran Trung, Phạm Hưng Vương,*, Phương Đình Tâm	Journal of Physics and Chemistry of Solids	01/04/2018	Tạp chí ISI, Q2
223	Formation control of rigid graphs with flex edges	Viet Hoang Phạm, Minh Hoang Trinh, Hyo-Sung Ahn	International Journal of Robust and Nonlinear Control	01/04/2018	Tạp chí SCIE, Q1
224	A study of combined finite element method simulation/experiment to predict forming limit curves of steel DP350 sheets	Thi-Bich Mac, Van-Cuong Do, Duc-Toan Nguyen	Advances in Mechanical Engineering	01/04/2018	Tạp chí SCIE, Q3
225	Modelling Tools to Analyze and Assess the Ecological Impact of Hydropower Dams	Thi Hanh Tien Nguyen, Gert Everaert, Pieter Boets, Marie Forio, Elina Bennetsen, Martin Volk, Thu Huong Thi Hoang, Peter Goethals	Water	01/04/2018	Tạp chí SCI, Q1
226	Collaborative Topic Model for Poisson distributed ratings	Hoa Le Minh, Son Ta Cong, Quyen Phạm The, Ngo Van Linh, Khoat Than	International Journal of Approximate Reasoning	01/04/2018	Tạp chí SCI, Q1
227	Gold nanoparticles as an outstanding catalyst for the hydrogen evolution reaction	Tien D Tran, Mai TT Nguyen, Hoang V Le, Duc N Nguyen, Quang Duc Truong, Phong D Tran	Chemical Communications	01/04/2018	Tạp chí ISI, Q1
228	Inverse MR and dual-AMR phenomena in Co/CoO/Ag/Co sandwiches	Nguyen Anh Tuan(*), Luong Van Su, Hoang Quoc Khanh, Nguyen Anh Tue, Nguyen Thi Luyen.	Journal of the Korean Physical Society (JKPS)	02/04/2018	Tạp chí ISI, Q3
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	Phạm Thị Lan Hương, Nguyễn Tú, Hoàng Lan, Lê Hồng Thang, Nguyễn Văn Quý, Phạm Anh Tuấn, Ngô Xuân Đình, Vũ Ngọc Phan, Anh-Tuan Lê	RSC Advances	03/04/2018	Tạp chí ISI, Q1
230	Detection analysis limit of nonlinear characteristics of DNA sensors with the surface modified by polypyrrole nanowires and gold nanoparticles	Phạm Văn Hao, Chu Thị Xuân, Phạm Đức Thanh, Nguyễn-Trần Thuat, Nguyễn Hoàng Hải, Mai Anh Tuấn	Journal of Science: Advanced Materials and Devices	07/04/2018	Tạp chí ISI, Q1

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231	Structure and Correlation Between the Fraction of Structural Units and Bond Angle Distribution in Liquid B2O3 Under Compression	Mai Thi Lan and Nguyen Van Hong	Advances in Materials Science and Engineering	09/04/2018	Tạp chí SCI, Q2
232	Taguchi-fuzzy multi-response optimization in fly cutting process and applying in the actual hobbing process	Minh Tuan Ngo, Vi Hoang, Sinh Vinh Hoang	International Journal of Mechanical and Materials Engineering	11/04/2018	Tạp chí ISI, Q4
233	Research on Applying Nano Cutting Oils in Spur Gear Hobbing Process	Tuan Ngo, Vi Hoang, Sinh Hoang	international journal of mechanical and materials engineering	11/04/2018	Tạp chí SCIE, Q3
234	Evaluation of grinding wheel wear in wet profile grinding for the groove of the ball bearing's inner ring by pneumatic probes	Vu Toan Thang, Nguyen Anh Tuan, Nguyen Viet Tiep	Journal of Mechanical Science and Technology	13/04/2018	Tạp chí SCIE, Q2
235	Microscopic and optical parameters of Eu3+-doped SnO2-SiO2 nanocomposites prepared by sol-gel method	Bui Quang Thanh, Tran Ngoc Khiem, Ngo Ngoc Ha, Phan Van Do	Journal of Luminescence	15/04/2018	Tạp chí ISI, Q1
236	Real-time laser focusing system for high-precision micromachining using a diffractive beam sampler and advanced image sensor	Binh Xuan Cao, Phuong Le Hoang, Sanghoon Ahn, Jeng-oKim, Heeshin Kang, Jiwhan Noh	Optics and Lasers in Engineering	25/04/2018	Tạp chí SCI, Q1
237	Iodine-frequency-stabilized laser diode and displacement-measuring interferometer based on sinusoidal phase modulation	Quang Anh Duong, Thanh Tung Vu, Masato Higuchi, Dong Wei, Masato Aketagawa	Measurement Science and Technology	26/04/2018	Tạp chí SCI, Q1
238	BKTreebank: Building a Vietnamese Dependency Treebank	Kiem-Hieu Nguyen	11th edition of the Language Resources and Evaluation Conference	01/05/2018	
239	Urea mediated synthesis of Ni(OH)2 nanowires and their conversion into NiO nanostructure for hydrogen gas-sensing application	Nguyen Duc Hoa a.*, Pham Van Tong b, Chu Manh Hung a, Nguyen Van Duy a, Nguyen Van Hieu	International Journal of Hydrogen Energy	01/05/2018	Tạp chí ISI, Q1
240	An outcome space normal cone method for generalized concave multiplicative problems	Tran Ngoc Thang, Nguyen Thi Bach Kim, Do Xuan Hung	Pacific Journal of Optimization	01/05/2018	Tạp chí ISI
241	Controlling blue and red light emissions in europium (Eu2+) and manganese (Mn2+) co-doped beta-tricalcium phosphate ( $\beta$ -Ca3(PO4)2. (TCP) phosphors	HOANG NHU VAN, BUI THI HOAN, KHOI THI NGUYEN, PHUONG DINH TAM, PHAM THANH HUY, VUONG-HUNG PHAM*	Journal of Electronic Materials	01/05/2018	Tạp chí ISI, Q2
242	Cyclic voltammetry, square wave voltammetry, electrochemical impedance spectroscopy and colorimetric method for hydrogen peroxide detection based on chitosan/silver nanocomposite	Hoang V. Tran, Chinh D. Huynh, Hanh V. Tran, Benoit Piro	Arabian Journal of Chemistry	01/05/2018	Tạp chí ISI, Q2
243	A new hidden chaotic attractor with extreme multi-stability	S. Jafari, A. Ahmadi, A. J. M. Khalaf, H. R. Abdolmohammadi, Phạm Việt Thành, F. E. Alsaadi	International Journal of Electronics and Communications Impact Factor: 2.115	01/05/2018	Tạp chí ISI, Q3
244	A nanocomposite prepared from FeOOH and N-doped carbon nanosheets as a peroxidase mimic, and its application to enzymatic sensing of glucose in human urine	Hoang V. Tran, Tuan V. Nguyen, Nghia D. Nguyen, Benoit Piro, Chinh D. Huynh	Microchimica Acta	01/05/2018	Tạp chí ISI, Q1
245	A heuristics approach to mine behavioural data logs in mobile malware detection system	Nguyen Giang, Nguyen Binh Minh, Tran Dang, Hluchý, Ladislav	Data & Knowledge Engineering	01/05/2018	Tạp chí SCIE



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246	Fluorescence branching ratios and magnetic tuning of the visible spectrum of SrOH	Duc-Trung Nguyen, Timothy C Steimle, Ivan Kozyryev, Meng Huang, Anne B McCoy	Journal of Molecular Spectroscopy	01/05/2018	Tạp chí SCIE
247	Air quality study in Hanoi, Vietnam in 2015 –2016 based on a one-year observation of NOx, O3, CO and a one-week observation of VOCs	Yosuke Sakamoto, Koki Shoji, Manh Trung Bui, Thi Huong Pham, The Anh Vu, Bích Thủy Ly, Yoshizumi Kajii	Atmospheric Pollution Research	01/05/2018	Tạp chí SCI, Q2
248	Slurry spray coating of carbon steel for use in oxidizing and humid environments	Minh Dat Nguyena, Jung Won Bang, Young Hee Kim, An Su Bin, Kyu Hong Hwang, Vuong-Hung Pham, Woo-Teck Kwon	Ceramics International	01/05/2018	Tạp chí SCI, Q1
249	Influence of the side etching effect in DRIE on performance of electrostatic linear comb-drive actuators	Phuc Hong Pham, Lam Bao Dang	Microsystem Technologies	01/05/2018	Tạp chí SCI, Q2
250	A low-profile $\pm 45^\circ$ dual-polarized antenna based on metasurface and its array for base station applications	Tạ Sơn Xuất, Nguyễn Minh Đức, Nguyễn Thị Hải Yến, Nguyễn Trương Khang, Nguyễn Khắc Kiểm, Đào Ngọc Chiến	Journal of Electromagnetic Waves and Applications	06/05/2018	Tạp chí ISI, Q3
251	Symmetry Breakings in Dual-Core Systems with Double-Spot Localization of Nonlinearity	Krzysztof B. Zegadlo, Nguyen Viet Hung, Aleksandr Ramaniuk, Marek Trippenbach and Boris A. Malomed	Symmetry	12/05/2018	Tạp chí SCIE, Q2
252	ZSM-5/SBA-15 versus Al-SBA-15 as supports for the hydrocracking/ hydroisomerization of alkanes	Pham T. Huyen, Le T.H. Nam, Tran Q. Vinh, Cristina Martinez, Vasile I. Parvulescu	Catalysis Today	15/05/2018	Tạp chí ISI, Q1
253	Compressive buckling of black phosphorene nanotubes: An atomistic study	Van-Trang Nguyen, Minh-Quy Le	Materials Research Express	15/05/2018	Tạp chí SCIE, Q2
254	Development of artificial neural networks to predict membrane fouling in an anoxic-aerobic membrane bioreactor treating domestic wastewater	Félix Schmitt, Rajesh Banu, Ick-Tae Yeom, Khac-Uan Do	Biochemical Engineering Journal	15/05/2018	Tạp chí SCI, Q1
255	Enhanced Soft Magnetic Properties of [NiFe/Ta] <sub>n</sub> Laminated Films for Flux Amplification in Magnetic Sensors	Van Su Luong, Nguyen Anh Tuan*, Nguyen Thi Luyen, Nguyen Anh Tue, Hoang Quoc Khanh	IEEE Transactions on Magnetics	16/05/2018	Tạp chí ISI, Q2
256	Effect of feed concentration and inlet air temperature on the properties of soymilk powder obtained by spray drying	Nguyen Duc Quang (Nhiệt lạnh); Nguyen Thu Ha (ĐKTĐ); Mounir S; Allaf K.	Drying Technology	19/05/2018	Tạp chí SCIE, Q1
257	Islanding Detection Method Based on Injecting Perturbation Signal and Rate of Change of Output Power in DC Grid-Connected Photovoltaic System	Trần Thanh Sơn, Nguyễn Đức Tuyên, FUJITA Goro	Energies	20/05/2018	Tạp chí SCIE, Q1
258	Comparison of NO <sub>2</sub> Gas-Sensing Properties of Three Different ZnO Nanostructures Synthesized by On-Chip Low-Temperature Hydrothermal Growth	Mingzhi Jiao, Nguyen Van Duy, Do Dang Trung, Nguyen Duc Hoa, Nguyen Van Hieu, Klas Hjort, Hugo Nguyen	Journal of Electronic Materials	21/05/2018	Tạp chí SCI, Q2
259	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 Haneanu, Phu Ha Ho, Thanh Mai Le, Thi Thu Hang Bui, Dinh Vuong Mai, Son Chu Ky	Waste and Biomass Valorization	22/05/2018	Tạp chí ISI, Q3

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260	A comparative study on the electrochemical properties of nanoporous nickel oxide nanowires and nanosheets prepared by hydrothermal method	Kien Nguyen, Nguyen Duc Hoa, Chu Manh Hung, Dang Thi Thanh Le, Nguyen Van Duy, Nguyen Van Hieu	RSC Advances	25/05/2018	Tạp chí SCI, Q1
261	Heterogeneous photo-Fenton degradation of organics using highly efficient Cu-doped LaFeO <sub>3</sub> under visible light	Thi To Nga Phan, Aleksandar N Nikolovski, Parisa Arabzadeh Bahri, Dan Li	Journal of Industrial and Engineering Chemistry	27/05/2018	Tạp chí ISI, Q1
262	A fractional order chaotic system with a 3D grid of variable attractors	J. M. Munoz-pacheco, E. Zambrano-serrano, C. Volos, O. I. Tacha, I. N. Stouboulos, Phạm Việt Thành	Chaos, Solitons and Fractals	29/05/2018	Tạp chí ISI, Q2
263	Finite element simulation of robotic origami folding	Phuong Thao Thai, Maria Savchenko, Ichiro Hagiwara	Simulation Modelling Practice and Theory	31/05/2018	Tạp chí SCI, Q1
264	Preparation and Characterization of Aminosilane-Functionalized Magnetic Antibody Conjugates for Bacterial Recognition and Capture	Vu Thi Trang, Le Thi Tam, Nguyen Van Quy, Tran Quang Huy, Le Khanh Vinh, Le Minh Tung, Anh-Tuan Le, Vu Ngoc Phan	IEEE Transactions on Magnetics	01/06/2018	Tạp chí ISI, Q2
265	An Efficient Server Push Approach for On-Demand Video Streaming Over HTTP/2	Nguyễn Thị Kim Thoa, Nguyen Hai Dang, Nguyen Minh, Phạm Ngọc Nam, Le Thai Hung, Truong Cong Thang	IEICE Transactions on Communications	01/06/2018	Tạp chí ISI, Q3
266	A new 4D chaotic system with hidden attractor and its engineering applications: Analog circuit design and field programmable array implementation	H. R. Abdolmohammadi, A. J. M. Khalaf, S. Panahi, K. Rajagopal, Phạm Việt Thành, S. Jafari	Pramana – Journal of Physics	01/06/2018	Tạp chí ISI, Q3
267	Thermoelectric Properties of Hot-Pressed Bi-Doped n-Type Polycrystalline SnSe	Van Quang Nguyen, Thi Huong Nguyen, Van Thiet Duong, Ji Eun Lee, Su-Dong Park, Jae Yong Song, Hyun-Min Park, Anh Tuan Duong and Sunglae Cho	Nanoscale Research Letters	01/06/2018	Tạp chí ISI
268	A novel class of chaotic systems with different shapes of equilibrium and microcontroller-based cost-effective design for digital applications	K. Rajagopal, S. Cicek, Phạm Việt Thành, S. Jafari, A. Karthikeyan	The European Physical Journal Plus	01/06/2018	Tạp chí ISI, Q2
269	The use of magnetic orientation as a pinning modality for investigation of photon-magnon interactions in magnetic nanoparticle systems	Giap Van Cuong, Luong Van Su, Nguyen Anh Tue, Hoang Quoc Khanh, Nguyen Anh Tuan*	Journal of Nanoscience and Nanotechnology (JNN)	01/06/2018	Tạp chí ISI, Q3
270	A flexible chaotic system with adjustable amplitude, largest Lyapunov exponent, and local Kaplan-Yorke dimension and its usage in engineering applications	H. Chen, A. Bayani, A. Akgul, M. A. Jafari, Phạm Việt Thành, X. Wang, S. Jafari	Nonlinear Dynamics Impact Factor 4.339	01/06/2018	Tạp chí ISI, Q1
271	A Proposal for Information Systems Security Monitoring Based on Large Datasets	Hai Van Pham, Philip Moore	International Journal of Distributed Systems and Technologies (IJ DST)	01/06/2018	Tạp chí SCIE
272	Coupling Popov's algorithm with subgradient extragradient method for solving equilibrium problems	Gábor Kassay, Trinh Ngoc Hai, Nguyen The Vinh	Journal of Nonlinear and Convex Analysis	01/06/2018	Tạp chí SCIE, Q2
273	Mode-I stress intensity factors of silicene, AlN, and SiC hexagonal sheets	Huu-Tu Nguyen, Minh-Quy Le, Van-Trang Nguyen	Materials Research Express	01/06/2018	Tạp chí SCIE, Q2

STT	Tên bài báo/sách/chương sách	Tên các tác giả	Tên tạp chí/NXB/Hội nghị, hội thảo khoa học	Thời gian (Năm xuất bản/thời gian tổ chức)	Loại xuất bản
274	Vortex Creation without Stirring in Coupled Ring Resonators with Gain and Loss	Aleksandr Ramaniuk, Nguyen Viet Hung, Michael Giersig, Krzysztof Kempa, Vladimir V. Konotop and Marek Trippenbach	Symmetry	01/06/2018	Tạp chí SCIE, Q2
275	Regularization for the problem of finding a solution of a system of nonlinear monotone ill-posed equations in Banach spaces	T.T. Huong, J.K. Kim, Ng.T.T. Thuy	Journal of the Korean Mathematical society	01/06/2018	Tạp chí SCIE, Q3
276	Analysis of the Regional Ionosphere at Low Latitudes in Support of the Biomass ESA Mission	Lucilla Alfonsi, Gabriella Povero, Luca Spogli, Claudio Cesaroni, Biagio Forte, Cathryn N. Mitchell, Robert Burston, Sreeja Vadakke Veettil, Marcio Aquino, Virginia Klausner, Marcio T. A. H. Muella, Michael Pezzopane, Alessandra Giuntini, Ingrid Hunstad, Giorgiana De Franceschi, Elvira Musicò, Marco Pini, Vinh La The, Hieu Tran Trung, Asnawi Husin, Sri Ekawati, Charisma Victoria de la Cruz-Cayapan, Mardina Abdullah, Noridawaty Mat Daud, Le Huy Minh, Nicolas Floury	IEEE Transactions on Geoscience and Remote Sensing	01/06/2018	Tạp chí SCI
277	Tri-axis Convective Accelerometer with Closed-Loop Heat Source	Van Thanh Dau, Thien Xuan Dinh, Lam Bao Dang, Canh-Dung Tran, Tung Thanh Bui, Phan Thanh Hoa	Sensors & Actuators: A. Physical	01/06/2018	Tạp chí SCI, Q1
278	A novel design of the DVAs for damped main systems under torsional excitation using LSE of equivalent linearization method	Vu Duc Phuc, Van-The Tran and Nguyen Van Quyen	Journal of Multi-Body Dynamics	01/06/2018	Tạp chí SCI, Q2
279	Characteristics of nonlinear vibration of nanocomposite cylindrical shells with piezoelectric actuators under thermo-mechanical loads	Đình Gia Ninh, Đào Huy Bích	Aerospace Science and Technology	01/06/2018	Tạp chí SCI, Q1
280	Mass Concentrations and Carbonaceous Compositions of PM0.1, PM2.5, and PM10 at Urban Locations in Hanoi, Vietnam	Nguyen Thi Thu Thuy, Nghiem Trung Dung, Kazuhiko Sekiguchi, Ly Bich Thuy, Nguyen Thi Thu Hien, Ryosuke Yamaguchi	Aerosol and Air quality Research	05/06/2018	Tạp chí ISI, Q1
281	Resolution Enhancement in Measuring Low-frequency Magnetic Field of Tunnel Magnetoresistance Sensors with AC-Bias Polarity Technique	Van Su Luong*, Anh Tuan Nguyen†, Quoc Khanh Hoang	Measurement: Journal of the International Measurement Confederation	18/06/2018	Tạp chí ISI, Q1
282	Antiparallel-Pinned Spin Valves With Modified Artificial Antiferromagnetic Layer for Full-Bridge Magnetic Sensors	Van Su Luong*, Anh Tuan Nguyen†, Thi Hoai Dung Tran	IEEE Transactions on Magnetics	20/06/2018	Tạp chí ISI, Q2
283	SnSb alloy blended with hard carbon as anode for Na-ion batteries	Ying Ching Lu, Nikolay Dimov, Shigeto Okada and Thi Hang Bui	Energies	20/06/2018	Tạp chí ISI, Q2
284	Nanoporous and crystal evolution in nickel nanosheets for enhanced gas sensing performance	Nguyen Duc Hoa*, Chu Manh Hung, Nguyen Van Duy, Nguyen Van Hieu	Sensors and Actuators B 273 (2018) 784-793.	21/06/2018	Tạp chí ISI, Q1
285	HTTP/2 Push-based Low-delay Live Streaming over Mobile Networks with Stream Termination	Le Thai Hung, Nguyễn Thị Kim Thoa, Phạm Ngọc Nam, Phạm Tuan Anh, Trương Công Thang	IEEE Transactions on Circuits and Systems for Video Technology	26/06/2018	Tạp chí ISI, Q1
286	Multi-Carrier Differential Chaos-Shift Keying With Repeated Spreading Sequence	Nguyễn Xuân Quyền	Journal of Communications and Networks	30/06/2018	Tạp chí ISI, Q3

<b>STT</b>	<b>Tên bài báo/sách/chương sách</b>	<b>Tên các tác giả</b>	<b>Tên tạp chí/NXB/Hội nghị, hội thảo khoa học</b>	<b>Thời gian (Năm xuất bản/thời gian tổ chức)</b>	<b>Loại xuất bản</b>
287	A simulation and experimental study of operating performance of an electric bicycle integrated with a semi-automatic transmission	Nguyen Ba Hung, Jaewon Sung, Ocktaeck Lim	Applied Energy	30/06/2018	Tạp chí ISI, Q1