

**DANH MỤC BÀI BÁO KHOA HỌC ĐĂNG TRONG TẠP CHÍ QUỐC TẾ KHÔNG THUỘC DANH MỤC SCI VÀ SCIE  
CỦA CÁN BỘ TRƯỜNG ĐẠI HỌC BÁCH KHOA HÀ NỘI NĂM HỌC 2015 - 2016**

TT	Họ và tên các tác giả	Tên bài báo	Tạp chí		
			Tên tạp chí	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
<b>CÁC BÀI BÁO KHOA HỌC ĐƯỢC ĐĂNG CHÍNH THỨC TRONG KHOẢNG THỜI GIAN TỪ 1/1/2016 - 30/6/2016</b>					
1	Tong Thi Hao Tam, Nguyen Duy Hung, Nguyen Thi Kim Lien, Nguyen Duc Trung Kien, Pham Thanh Huy	Synthesis and optical properties of red/blue-emitting Sr <sub>2</sub> MgSi <sub>2</sub> O <sub>7</sub> :Eu <sup>3+</sup> /Eu <sup>2+</sup> phosphors for white LED	Journal of Science: Advanced Materials and Devices	Vol. 1 (6/2016)	2468-2179
2	Ngo Xuan Dinh, Tran Quang Huy, Le Van Vu, Le Thi Tam, Anh-Tuan Le	Multiwalled carbon nanotubes/silver nanocomposite as effective SERS platform for detection of methylene blue dye in water	Journal of Science: Advanced Materials and Devices	Vol. 1 (3/2016)	2468-2179
4	Luu Hong Quan, Nguyen Phu Hung, Le Doan Quang, Vu Ngoc Long.	Analysis and Design of a Scramjet Engine Inlet Operating from Mach 5 to Mach 10.	International Journal of Mechanical Engineering and Applications.	Vol. 4, No. 1, 2016, pp. 11-23	ISSN: 2330-023X (Print); ISSN: 2330-0248 (Online)
5	Phan Anh Tuan	A Study on Hovercraft Resistance Using Numerical Modeling	Applied Mechanics and Materials	Vol. 842, pp 186-190, Tháng 6/2016	1660-9336
6	Do Duc Trung, Ngo Cuong, Nguyen Dinh Man, Phan Bui Khoi, Pham Van Dong, Tran Quoc Hung	A study on machining time in plunge centerless grinding	International Journal of Scientific Research in Science, Engineering and Technology. V2, №2(2016). Pp. 603-610.	42461	Print ISSN: 2395-1990 Online ISSN: 2394-4099

7	Liang-Chia Chen, Dinh-Cuong Hoang, Hsien-I Lin and Thanh- Hung Nguyen - Viện Cơ khí ĐHBK	A 3-D point clouds scanning and registration methodology for automatic object digitization	Smart Science	4 ( 1), 2016	2308-0477
8	Nguyen Tien Duong - ĐH Bách Khoa Hà Nội	Study and fabrication of virtual TIG welding equipment	Applied Mechanics and Materials	Vol.842, pp 288-292, Switzerland, 2016	ISSN: 1662-7482
9	1. Nguyễn Huy Bích, khoa Cơ khí, trường Đại học Nông Lâm TP HCM 2. Bùi Tuấn Anh, Viện Cơ khí, trường ĐHBK Hà nội	Developing The Solar Tracking System for Trough Solar Concentrator	International Journal on Advanced Science, Engineering and Information Technology (IJASEIT)	Vol 6, No 1 (2016)	2088-5334
10	Nguyen Tuan Hung, Do Van Truong, Vuong Van Thanh, Riichiro Saito	Intrinsic strength and failure behaviors of ultra-small single- walled carbon nanotubes	Computational Materials Science	Vol 114 (2016), pp. 167- 171	0927-0256
11	Nguyễn Thanh Bình, Nguyen Huu Duc, Nguyen Thanh Thuy, Hoang Bang Doan	Design of a Workflow-based Grid Framework	International Journal of Computer Theory and Engineering	Volume 8, Issue 1,01 Feb 16	1793-8201
12	Dương Trọng Lượng, Nguyễn Minh Đức, Nguyễn Tuấn Linh, Nguyễn Thái Hà, Nguyễn Đức Thuận	Advanced Two-State Compressing Algorithm: A Versatile, Reliable and Low-Cost Computational Method for ECG Wireless Applications	International Journal of Soft Computing and Engineering (IJSCE)	Vol.5, Issue 6,05 Jan 16	2231-2307 (Online)

13	Nguyen Van Duc, Le Thai Hung, Phạm Ngọc Nam, Phạm Tuan Anh, Trương Công Thành	Adaptation method for Video Streaming over HTTP/2	IEICE Communications Express	No. 3, Vol. 5, 29 Jan 16	2187-0136
14	Nguyễn Đức Minh, Nguyễn Văn Giang	Hardware ECG QRS Complex Detector in Low Power SoCs	International Journal of Science and Research (IJSR)	3, 01 May 16	2319-7064
15	Phạm Việt Thành, S. Vaidyanathan, C. Volos, S. Jafari, X. Wang	A Chaotic Hyperjerk System Based on Memristive Device	Studies in Computational Intelligence	636, 15 Mar 16	1860-949X
16	C. Volos, Phạm Việt Thành, S. Vaidyanathan, I. M. Kyprianidis, I. N. Stouboulos	Synchronization Phenomena in Coupled Hyperchaotic Hidden Oscillators Using a Nonlinear Open Loop Controller	Studies in Computational Intelligence	636, 15 Mar 16	1860-949X
17	S. Vaidyanathan, Phạm Việt Thành, C. Volos	Adaptive Backstepping Control, Synchronization and Circuit Simulation of a Novel Jerk Chaotic System with a Quartic Nonlinearity	Studies in Computational Intelligence	636, 15 Mar 16	1860-949X
18	S. Vaidyanathan, C. Volos, Phạm Việt Thành	Adaptive Control and Circuit Simulation of a Novel 4-D Hyperchaotic System with Two Quadratic Nonlinearities	Studies in Computational Intelligence	636, 15 Mar 16	1860-949X
19	S. Vaidyanathan, C. Volos, O. I. Tacha, I. M. Kyprianidis, I. N. Stouboulos, Phạm Việt Thành	Analysis, Control and Circuit Simulation of a Novel 3-D Finance Chaotic System	Studies in Computational Intelligence	636, 13 Mar 16	1860-949X

20	C. Volos, Phạm Việt Thành, S. Vaidyanathan, I. M. Kyprianidis, I. N. Stouboulos	The Case of Bidirectionally Coupled Nonlinear Circuits Via a Memristor	Studies in Computational Intelligence	635,18 Mar 16	1860-949X
21	C. Volos, D. A. Prousalis, S. Vaidyanathan, Phạm Việt Thành, J. M. Munoz-Pacheco, E. Tlelo-Cuautle	Kinematic Control of a Robot by Using a Non-autonomous Chaotic System	Studies in Computational Intelligence	635,18 Mar 16	1860-949X
22	Phạm Việt Thành, S. Vaidyanathan, C. Volos, Hoàng Mạnh Thắng, Vũ Văn Yên	Dynamics, Synchronization and SPICE Implementation of a Memristive System with Hidden Hyperchaotic Attractor	Studies in Fuzziness and Soft Computing	337,01 Apr 16	1434-9922
23	S. Vaidyanathan, C. Volos, Phạm Việt Thành	Hyperchaos, Control, Synchronization and Circuit Simulation of a Novel 4-D Hyperchaotic System with Three Quadratic Nonlinearities	Studies in Fuzziness and Soft Computing	337,16 Apr 16	1434-9922
24	C. Volos, S. Vaidyanathan, Phạm Việt Thành, J. O. Maaita, A. Giakoumis, I. M. Kyprianidis, I. N. Stouboulos	A Novel Design Approach of a Nonlinear Resistor Based on a Memristor Emulator	Studies in Fuzziness and Soft Computing	337,16 Apr 16	1434-9922

25	Nguyễn Ngọc Văn, Xiang Li, Fuqiang Liu	Improved Detection Metric and Oversampling-based Frame Detector for DSRC Receiver	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY REVIEW	Vol9, 2/2016	1791-2377
26	Hoang Vinh Tran, Anh Xuan Trinh, Chinh Dang Huynh –Viện Kỹ thuật Hóa học- ĐHBKHN; Hung Quang Le - Viện Dầu khí	Facile Hydrothermal Synthesis of Silver/Chitosan Nanocomposite and Application in the Electrochemical Detection of Hydrogen Peroxide	Sensor Letters	Vol. 14, 32–38 (January, 2016)	1546-198X
27	Nguyen Tuan Dung, Nguyen Hoang Bach, Vu Xuan Minh, Le Thi Thu Huong, Tran Van Bien, Pham Thi Lan, Le Thi Mai Huong, Bui Cong Trinh, Ta Ngoc Dung, Лайнер Юрий Абрамович	Исследования стабилизации – твердения красного шлама Тан Рай с помощью отработанных бокситовых остатков и отходов производства морской соли	Научная дискуссия: вопросы технических Наук	1(31), 2/2016	1745-8080 (Print), 1745- 8099 (Online)
28	Trang Thi Thu Nguyen, Nhiem Thi Nguyen, Tran Quang Vinh, Khanh Hong Nguyen, Tan Minh Nguyen, Le Thi Hoai Nam.	Synthesis, Characterization and Effect of pH on Degradation of Dyes of Copper Doped TiO <sub>2</sub> Volume 11	Journal of Experimental Nanoscience	Issue 3, 3/2016, 226-238	0974-4169

29	Minh Đức Ngo; Thi Nhu Mai Tran; Thi Phuong Ly Giang; Ba Trung Nguyen	Synthesis, Characterization, and Catalytic Ability Evaluation of MgO- $\gamma$ -Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> -SO <sub>4</sub> <sup>2-</sup> for Transesterification of Waste Cooking Oil by Methanol.	Asian Journal of Research in Chemistry	Mar2016, Vol. 9 Issue 3, p145-149	0974-4169
30	Nguyen Thi Thanh, Takahiro Watari, Tran Phuong Thao, Masashi Hatamoto, Daisuke Tanikawa, Kazuaki Sytsubo, Masao Fukuda, Nguyen Minh Tan, To Kim Anh, Takashi Yamaguchi and Nguyen Lan Huong.	Impact of aluminum chloride on process performance and microbial community structure of granular sludge in an upflow anaerobic sludge blanket reactor for natural rubber processing wastewater treatment.	Water Science and Technology	Issue 2, vol 74, 5/2016, 500-507	0273-1223
31	Anh-Hoa Bui, Hoang Le	Strength and microstructure of cold-rolled IF steel	Acta Metallurgica Slovaca	Vol. 22 (April 2016), No. 1, pp. 35-43.	1335-1532 (p) 1338-1156 (e)
32	Đỗ Minh Đức Nguyễn Hồng Hải	Study on Rheo-Continuous Casting of Al-Si A356 (EN AC4200) Alloys	Key Engineering Materials	Feb-16	2354-1083
33	Le Thi Chieu, Sai Manh Thang, Nguyen Duong Nam, Pham Mai Khanh	The Effect of Deformation on Microstructure of Cu-Ni-Sn Aging Alloys	Key Engineering Materials (KEM)	Vol. 682, February 2016, pp. 113 – 118.	1662-9795
34	Pham Mai Khanh*, Nguyen Hong Hai, Dang Quoc Khanh, Dao Hong Bach	Investigation of solidification process of as-cast ADC12 in sand molds with different pouring conditions by temperature field	Key Engineering Materials (KEM)	Vol. 682, February 2016, pp. 212 – 219.	1662-9795

35	Pham Mai Khanh, Le Thi Chieu	Influence of Aging Process On Microstructures and Properties of High Manganese Steel Mn15Cr2V	International Journal of Engineering Research and Management (IJERM)	Vol. 3, Issue-03, March 2016, pp. 72 – 74.	2349-2058
36	Nguyen Duong Nam, Le Thi Chieu, Nguyen Minh Truc, Pham Mai Khanh	Investigation of Phase Transformation Mechanism of High Manganese Steel Mn15Cr2 Heat-treated by Subzero Temperature Process.	International Journal of Scientific and Engineering Research (IJSER)	Vol. 7, Issue-04, April 2016, pp. 1527 – 1530.	2229-5518
37	T.T. Nguyen, T.N. Truong, K. Quoc Dang and B.N. Duong	Effect of Processing Parameters on Aeration of Reduced Hatinh Ilmenite	Key Engineering of Materials	Vol. 682, 2/2016	1662-9795
38	Trương Thu Hà	Higher Education Expantion and the Labor Market Consequences in Vietnam	Asia Educational Study Monographys, Kyoto University	Vol.16, 2016	1349-0826
39	Phạm Hoài Anh - Viện Ngoại Ngữ - Đại học Bách Khoa Hà Nội, Việt Nam và Tạ Thanh Bình - Khoa Giáo Dục - Đại học Monash, Australia	Developing a Theoretical Framework for ESP Teacher Training in Vietnam (Phát triển Khung Lý thuyết cho chương trình Đào tạo giáo viên dạy Tiếng Anh Chuyên Ngành của Việt Nam)	The Asian ESP Journal (Tập chí Tiếng Anh Chuyên Ngành Châu Á)	Volume 12, Issue 1 June 2016	ISSN. 1833-3001
40	Dang Tran Tho Dang Quoc Phu	Effect of climate conditions and some operating parameters on water evaporation of cooling tower in	International Journal of Research Studies in Science, Engineering and	Volume-3, Issue-1, January 2016	2349-4751
41	Dang Tran Tho Hoang Mai Hong	Research, designing and manufacturing the equipment of evaporation, reflux condensation and definition for absorption refrigeration model in vibration condition	International Journal of Innovative Science, Engineering & Technology	Volume-3, Issue-4, April 2016	2348-7968

42	Dang Tran Tho Dang Quoc Phu	Effect of climate conditions and some operating parameters on pressure drop and heat and mass transfer characteristics of cooling	International Journal of Scientific Engineering and applied Science	Volume-2, Issue-5, May 2016	2395-3470
43	Dang Phuong Nam, Dong Van Thanh, Ta	CFX simulation of Coolant mixing in VVER-1000 RPV	Nukleon	Số 33, 03/2016	ISSN 1789-9613
44	Nguyễn Văn Mạnh, Vũ Thu Diệp, Phan Duy Hùng	A synthesis method of robust cascade control system	Journal of Automation and Control Engineering (JOACE)	Volume 4, No.2, April, 2016	2301-3702
45	L. T. San, P. K. Hung, H. V. Hue	The study of dynamics heterogeneity and slow down	IWTCP-3 & NCTP-4, Journal of Physics: Conference Series 726 (2016) 012020	doi:10.1088/1742-6596/726/1/012020	1742-6588
46	Vu Ngoc Tuo*, Tran Doan Huan, Nguyen Viet Minh, Nguyen Thi Thao	Density functional theory based tight binding study on theoretical	IWTCP-3 & NCTP-4, Journal of Physics: Conference Series 726 (2016) 012022	Journal of Physics: Conference Series 726 (2016) 012022	1742-6588
47	Hieu Minh Tran and Nobuchika Okada	Seesaw-deflected Anomaly Mediation and the 125 GeV Higgs Boson	Journal of Physics: Conference Series	726 (2016) 012010	1742-6588 (print) 1742-6596 (web)
48	Nguyen Van Hung, Ha Dang Khoa	“Temperature Dependence of Debye-Waller Factors of Constituent Elements in Semiconductor Compounds”	American Journal of Physical Chemistry and Chemical Physics,	Vol.1, No.1, 2016, pp.1-5 (Published May 6, 2016)	AASCIT, <a href="http://www.aascit.org/journals/list">http://www.aascit.org/journals/list</a>
49	Nguyen Bao Trung, Nguyen Van Hung, Ha Dang Khoa	Temperature Dependence of High-Order Expanded Anharmonic Correlated Debye Model Debye-Waller Factor of Metallic Copper	International Journal of Advanced Materials Research	Vol.2, No.4, 2016, pp.52-58. (Published June 1, 2016)	ISSN: 2381-6805 (Print); ISSN: 2381-6813



50	Khanh-Van Nguyen, Phi-Le Nguyen, Hau Phan, Trong D. Nguyen	A Distributed Algorithm For Monitoring An Expanding Hole In Wireless Sensor Networks	Informatica	2016	0350-5596
51	Dang N.H. Thanh, Dvoenko Sergey D., Dinh Viet Sang	A Mixed Noise Removal Method Based on Total Variation	Informatica	2016	0350-5596
52	Nguyen Thanh Tung, Huynh Thi Thanh Binh	Base Station Location -Aware Optimization Model of the Lifetime of Wireless Sensor Networks	Mobile Networks and Applications	2016	1383-469X
53	Nguyen Thanh Binh, Nguyen Huu Duc, Nguyen Thanh Thuy, Hoang Doan Bang	Design of a Workflow-based Grid Framework	International Journal of Computing Theory and Engineering	2016	1793-8201
54	Nguyen Thi Thanh Nga, Nguyen Kim Khanh, Son Ngo Hong	Entropy-based Correlation Clustering for Wireless Sensor Networks in Multi-Correlated Regional Environments	IEIE Transactions on Smart Processing and Computing, vol. 5, no. 2, April 2016	2016	2287-5255
55	BUI Quoc Trung, Yves Deville, PHAM Quang Dung	Exact methods for solving the elementary shortest and longest path problems	Annals of Operations Research	2016	
56	T.-N. Truong, K.-V. Nguyen, I. Fujiwara, M. Koibuchi	Layout conscious expandable topology for low-degree interconnection networks	IEICE TRANSACTIONS on Information and Systems	2016	1745-1361
57	Thu Ngo-Quynh, Vinh Tran-Quang, Quan Nguyen-Trung	Low Delay Communication Protocol for Target Tracking in Wireless Sensors Networks	EURASIP Journal on Wireless Communications and Networking	2016	ISSN: 1687-1499
58	Dieu-Linh Truong, Elena Ouro, Thanh- Chung Nguyen	Protected Elastic-tree Topology for Survivable and Energy-efficient Data Center	Informatica	2016	0350-5596

59	Bui Thu Lam, Huynh Thi Thanh Binh	Survivable Design of Last Mile Communication Networks using Multi-objective Genetic Algorithm	Memetic Computing	2016	1865-9284
60	Dao Thi Thuy Nguyet, Nguyen Phuc Duong, Takuya Satoh, Luong Ngoc Anh, To Thanh Loan, Than Duc Hien	Crystallization and magnetic characterizations of DyIG and HoIG nanopowders fabricated using citrate sol-gel	Journal of Science: Advanced Materials and Devices	Volume 1, Issue 2, June 2016, Pages 193–199	2468-2179
61	Chu Manh Hung, Nguyen Duc Hoa, , Nguyen Van Duy, Nguyen Van Toan, Dang Thi Thanh Le, Nguyen Van Hieu	Synthesis and gas-sensing characteristics of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> hollow balls	Journal of Science: Advanced Materials and Devices	Volume 1, Issue 1, March 2016, Pages 45–50; tháng 3/2016	2468-2179
62	Mingzhi Jiao, Duc Hoa Nguyen*, Van Duy Nguyen, Van Hieu Nguyen, Klas Hjort1 and Hugo Nguyen*	Controlled Synthesis and Understanding of Growth Mechanism – Parameters for Atmospheric Pressure Hydrothermal Synthesis of Ultrathin Secondary ZnO Nanowires	Journal of Scientific Research & Reports	9(5): 1-10, 2016;	2320-0227
63	Ngo Ngoc Ha a, c, * (ITIMS, HUST), Atsushi Nishikawa b, Yasufumi Fujiwara b,	Investigation of optical gain in Eu-doped GaN thin film grown by OMVPE method	Journal of Science: Advanced Materials and Devices	Tháng 6/2016	2468-2179
64	B. T. Kien, G. M. Lee, N. H. Son (ĐH BKHN)	First and second-order necessary optimality conditions for optimal control problems governed by stationary Navier-Stoke equations with pure state constants	Vietnam J. Math	March 2016, Volume 44	2305-221X

65	Trần Thị Bích Ngọc; L.S. Shpekht, Lam Si Tran	VIETNAM'S HUMAN RESOURCES QUALITY	Siberian Journal of Science. Tạp chí thuộc cơ sở dữ liệu của: Ulrich's Periodicals Directory database	1 (20); Tháng 3/2016. Trang: 77-85	ISSN: 2226-0064
66	Phạm Thị Thanh Hồng, ĐHBKHN; Đinh Kim Quỳnh Diệp, SEPT	The Influence of Branding Management on Business Performance: An Empirical Evidence from Vietnamese Food and Beverage Industry	International Journal of Business Administration	May-16	ISSN: 1923-4007
67	Hoàng Thị Hạnh, Nguyễn Thị Thọ	Piety in Traditional Culture and Its Aspects in Vietnam Today	Mediterranean Journal of Social Sciences	Tháng 03/2016	ISSN: 2039-9340 (print) ISSN: 2039-2117 (online)