

**DANH MỤC CÁC BÀI BÁO KHOA HỌC CỦA CÁN BỘ TRƯỞNG ĐHBK HN  
ĐĂNG TRONG TẠP CHÍ QUỐC TẾ TRONG DANH MỤC SCI VÀ SCIE NĂM HỌC 2013 - 2014**

TT	Họ và tên các tác giả, đơn vị (ghi chi tiết)	Tên bài báo	Tạp chí, Proceedings		
			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
<b>Viện Khoa học và Công nghệ Môi trường</b>					
1	Hong Hanh Nguyen, Gert Everaert, Wim Gabriels, Thu Huong Hoang Peter L.M. Goethals	A multimetric macroinvertebrate index for assessing the water quality of the Cau river basin in Vietnam	Limnologica - Ecology and Management of Inland Waters 1/2014;	45 (2014) 16– 23 1/2014	0075-9511
2	Van Huu Tap, Bui Van Tuyen, Nguyen Hoai Chau, Dang Xuan Hien	Combination of ozone and ceramic raschig ring to improve efficiency of landfill leachate treatment	Asean Journal for chemistry	Asian J. Chem., 2014, 26 (10), pp 3105-3108	0970- 7077
<b>Viện AIST</b>					
3	T.T.H. Tam, N.V. Du, N.D.T. Kien, C.X. Thang, N.D. Cuong, P.T. Huy, N.D. Chien, D.H. Nguyen	Co-precipitation synthesis and optical properties of green-emitting Ba <sub>2</sub> MgSi <sub>2</sub> O <sub>7</sub> :Eu <sup>2+</sup> phosphor	Journal of Luminescence	Vol. 147 (2014), pages 358-362	0022-2313
4	Ha Viet Anh, Dao Xuan Viet, Nguyen Duc Trung Kien, and Pham Thanh Huy	Monte Carlo Study of Room-Temperature Ferromagnetism in C-Doped ZnO	IEEE TRANSACTIONS ON MAGNETICS	VOL. 50, NO. 6, JUNE 2014	0018-9464
5	Nguyen Viet Hung, Pawel Zin, Eryk Infeld, Marek Trippenbach	Symmetry breaking in the collisions of double channel BEC solitons	Physica D: Nonlinear Phenomena	269 (2014), 2/2014	0167-2789
6	Sun Kyu Kim, Vuong-Hung Pham	Osteoblast Adhesion on Cathodic Arc Plasma Deposited Nano-Multilayered TiCrAlSiN Thin Films	Korean Journal of Metals and Materials	52 (2014)	1738-8228
7	Sun Kyu Kim, Vuong, Hung Pham	Cell adhesion on Cathodic Arc Plasma Deposited ZrAlSiN Thin Films	Korean Journal of Metals and Materials	51 (2013)	1738-8228
8	S. Ta Ho, A. Anh Le, T. Le, D. Chien Nguyen, V. Nam Do	Effects of temperature, doping, and anisotropy of energy surfaces on behaviors of plasmons in graphene	Physica E	Vol. 58, pp. 101 (2014) Online 16 December 2013	1386-9477

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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
9	Thanh-Tung Duong, Jin-Seok Choi, Anh-Tuan Le, Soon-Gil Yoon	Morphology control of Pt counter electrode using a Pt precursor solution with H <sub>2</sub> PtCl <sub>6</sub> x H <sub>2</sub> O for highly efficient dye-sensitized solar cells	Journal of the Electrochemical Society	Vol 161 (4) H166-H171 (2014).	0013-4651
10	Le Thi Tam, Vu Ngoc Phan, Hoang Lan, Nguyen Thanh Thuy, Tran Minh Hien Tran Quang Huy, Nguyen Van Quy, Huynh Dang Chinh, Le Minh Tung, Pham Anh Tuan, Vu Dinh Lam, Anh-Tuan Le	Characterization and antimicrobial activity of silver nanoparticles prepared by a thermal decomposition technique	Applied Physics A: Materials Science & Processing	Vol 113, page 613-621 (2013).	0947-8396 1432-0630
11	Vu Van Thu, Phuong Dinh Tam, Phuong Trung Dung	Rapid and label-free detection of H5N1 virus using carbon nanotube network field effect transistor,	Current Applied Physics,	Vol 13 pp 1311-1315. 9/2013	1567-1739
12	Vu Van Thu, Phuong Trung Dung, Le Thi Tam, Phuong Dinh Tam	Biosensor based on nanocomposite material for pathogenic virus detection	Colloids and Surfaces B: Biointerfaces	Vol 115 pp 176-181. 9/2013	0927-7765
13	M.T. Tung, L.T.T. Hang, L.A. Tuan, N.H. Nghi, and M.H. Phan	Influence of electrodeposition parameters on the magnetic properties and magneto-impedance effect in electrodeposited Cu/CoP wires	Physica B	Vol 442 (2014) 16-20.	0921-4526
14	V. Hung Nguyen, A. Alarcon, S. Berrada, V. Nam Do, J. Saint-Martin, D. Querlioz, A. Bournel, P. Dollfus	On the non-linear effects in graphene devices	J. Phys. D: Appl. Phys.	Vol. 47, pp. 094007 (2014) Online 12 Ferbruary 2014	0022-3737 (Print) 1361-6463 (Online)
<b>Viện ITIMS</b>					
15	Minh Duc Nguyen, E. Houwman, M. Dekkers, Hung Ngoc Vu and G. Rijnders	A fast room-temperature poling process of piezoelectric Pb(Zr <sub>0.45</sub> Ti <sub>0.55</sub> )O <sub>3</sub> thin films	Science of Advanced Materials	6, 2014	1947-2935
16	Minh D. Nguyen, Thong Q. Trinh, M. Dekkers, E.P. Houwman, Hung N. Vu and Guus Rijnders	Effect of dopants on ferroelectric and piezoelectric properties of lead zirconate titanate thin films on Si substrates	Ceramics International	40, 2014	1013-1018

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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
17	C.T.Q. Nguyen, M.D. Nguyen, M. Dekkers, E. Houwman, H.N. Vu, G. Rijnders	“Process dependence of the piezoelectric response of membrane actuators based on Pb(Zr <sub>0.45</sub> Ti <sub>0.55</sub> )O <sub>3</sub> thin films”, Thin Solid Films 556 (2014) 509-514.	Thin Solid Films	556, 2014	0040-6090
18	Thong Quang Trinh, Long Quang Nguyen, Dzung Viet Dao, Hoang Manh Chu and Hung Ngoc Vu	Design and analysis of a lateral axis tuning fork gyroscope with guided-mechanical coupling	Microsystem Technologies	20, 2014	0946-7076
19	Hoang Manh Chu, Hung Vu Ngoc, Kazuhiro Hane	Vacuum package using anodic bonding assisted by the reflow of low-melting temperature metal	Int. J. Precision Engineering and Manufacturing	15, 2014	2234-7593
20	Bui Thi Hang, Doan Ha Thang, Nguyen Tuyet Nga, Phan Thi Le Minh, and Eiji Kobayashi	Nanoparticle Fe <sub>2</sub> O <sub>3</sub> -loaded carbon nanofibers as Iron-air battery anodes	J. Electrochemical Society	160 (2013) A1442-A1445.	1945-7111
21	Bui Thi Hang, Doan Ha Thang,, Eiji Kobayashi	Fe/carbon nanofiber composite materials for Fe-air battery anodes	Journal of Electroanalytical Chemistry	704 (2013) 145-152	1572-6657
22	N. T. Mua, A. Sundaresan, N. K. Man and D. D. Dung	Influence of preparation conditions on superconducting properties of Bi-2223 thin films	Bull. Mater. Sci.	Vol. 37, No. 1, February 2014, pp. 19–25.	0250-4707
23	Luong Ngoc Anh, Nguyen Phuc Duong, To Thanh Loan, Dao Thi Thuy Nguyet, and Than Duc Hien.	Synchrotron and Magnetic Study of Chromium-Substituted Nickel Ferrites Prepared by Using Sol-Gel Route	IEEE TRANSACTIONS ON MAGNETICS	41791	10.1109/TMAG.2014.2302852
24	Pham Van Tong, Nguyen Duc Hoa, Vu Van Quang, Nguyen Van Duy, Nguyen Van Hieu	Diameter Controlled Synthesis of Tungsten Oxide Nanorod Bundles for Highly Sensitive NO <sub>2</sub> Gas Sensors	Sensors and Actuators B, 183 (2013) 372-380.	2013	0925-4005
25	Dang Thi Thanh Le, Do Dang Trung, Nguyen Duc Chinh, Bui Thi Thanh Binh, Hoang Si Hong, Nguyen Van Duy, Nguyen Duc Hoa, Nguyen Van Hieu	Facile synthesis of SnO <sub>2</sub> -ZnO core-shell nanowires for enhanced ethanol-sensing performance	Current Applied Physics, 13 (2013) 1637-1642	2013	1567-1739

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26	Dang Thi Thanh Le, Nguyen Van Duy, Do Dang Trung, Ha Minh Tan, Nguyen Ngoc Trung, Phung Thi Hong Van, Nguyen Duc Hoa, Nguyen Van Hieu	Density-controllable growth of SnO <sub>2</sub> nanowire junction-bridging across electrode for low temperature NO <sub>2</sub> gas detection	Journal of Materials Science, 48 (2013) 7253- 7259	2013	0022-2461
27	Phan Van Tong, Nguyen Duc Hoa, Vu Van Quang, Nguyen Van Duy, Nguyen The Lam Nguyen Van Hieu	"In-stitute decoration of Pd nanocrystal on crystalline mesoporous NiO nanosheets for effective hydrogen gas sensors",	International J. Hydrogen Energy 38 (2013) 12090-12100.	2013	0360-3199
28	Do Dang Trung, Nguyen Duc Hoa, Pham Van Tong, Nguyen Van Duy, T.D. Dao, H.V. Chung, T. Nagao, Nguyen Van Hieu	"Effective decoration of Pd nanoparticles on the surface of SnO <sub>2</sub> nanowires for enhanced of CO gas- sensing performance",	J. Hazardous Materials, 265 (2014) 124-132.	2014	0304-3894
29	Le Duy Duc, Dang Thi Thanh Le, Nguyen Van Duy, Nguyen Duc Hoa, Nguyen Van Hieu	"Single crystal cupric oxide nanowires: Length- and density controlled growth and gas-sensing characteristics",	Physica E: 58 (2014) 16- 23.	2014	1386-9477
30	Nguyen Duc Cuong, Nguyen Duc Hoa, Tran Thai Hoa, Dinh Quang Khieu, Duong Tuan Quang, Vu Van Quang, Nguyen Van Hieu	"Nanoporous hematite nanoparticles: Synthesis and applications for benzylation of benzene and aromatic compounds",	J. Alloys and Compounds, 582 (2014) 83-87.	2014	0925-8388
31	Vu Van Quang, Ngo Si Trong, Nguyen Ngoc Trung, Nguyen Duc Hoa, Nguyen Van Duy, Nguyen Van Hieu	"Full-layer controlled synthesis and transfer of large-scale monolayer graphene for nitrogen dioxide and ammonia sensing",	Analytical Letters, 47 (2014) 280-2094.	2014	0003-2719
32	Hugo Nguyen, Chu Thi Quy, Nguyen Duc Hoa, Nguyen The Lam, Nguyen Van Duy, Vu Van Quang, Nguyen Van Hieu	"Controllable growth of ZnO nanowires grown on discrete islands of Au catalyst for realization of planar-type micro gas sensors",	Sensors and Actuators B, 193 (2014) 888-894.	2014	0925-4005
33	Nguyen Van Quy, Tran Minh Hung, Trinh Quang Thong, Le Anh Tuan, Tran Quang Huy, Nguyen Duc Hoa	Novel synthesis of highly ordered mesoporous Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> nanocomposites for a room temperature VOC sensor	Current Appl. Phys.	13 (2013) 1581-1588	1567-1739

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34	M D Nguyen, H Nazeer, M Dekkers, D H A Blank and G Rijnders	Optimized electrode coverage of membrane actuators based on epitaxial PZT thin films	Smart Materials and Structures	Vol. 22, pp. 085013 (9 pages), 08/2013	0964-1726
35	Evert P. Houwman, Minh D. Nguyen, Matthijn Dekkers and Guus Rijnders	Intrinsic stability of ferroelectric and piezoelectric properties of epitaxial PbZr <sub>0.45</sub> Ti <sub>0.55</sub> O <sub>3</sub> thin films on silicon in relation to grain tilt	Science and Technology of Advanced Materials	Vol. 14, pp. 045006 (13 pages), 08/2013	1468-6996
36	Minh Duc Nguyen, Matthijn Dekkers, Hung Ngoc Vu and Guus Rijnders	Film-thickness and composition dependence of epitaxial thin-film PZT-based mass-sensors	Sensors and Actuators A	Vol. 199, pp. 98-105, 09/2013	0924-4247
37	B. Kaleli, M.D. Nguyen, J. Schmitz, R.A.M. Wolters, R.J.E. Hueting	Analysis of thin-film PZT/LNO stacks on an encapsulated TiN electrode	Microelectronic Engineering	Vol. 119, pp. 16-19, 05/2014	0167-9317
38	B. Kaleli, R.J.E. Hueting, M.D. Nguyen and R.A.M. Wolters	Integration of a Piezoelectric Layer on Si FinFETs for Tunable Strained Device Applications	IEEE Transaction Electron Devices	Vol. 61, 1929-1935, 06/2014	0018-9383
<b>Viện Vật lý kỹ thuật</b>					
39	Dang Duc Vuong, Khuc Quang Trung, Nguyen Hoang Hung, Nguyen Van Hieu, Nguyen Duc Chien	"Facile preparation of large-scale a- Fe <sub>2</sub> O <sub>3</sub> nanorods /SnO <sub>2</sub> nanorods composite and their LPG sensing properties	J. Alloys and Compounds, 559 (2014) 185-201	2014	0925-8388
40	Van-Vinh Le, Viet Huy Nguyen, Van- Hong Nguyen, Khac-Hung Pham	The structure and mechanical properties in amorphous alumina under pressure	Computational Materials Science	Volume 79, November 2013, Pages 110–117	0927-0256
41	Van-Vinh Le, Thi-Trang Nguyen, Sun- Kyu Kim	The influence of nitrogen pressure and substrate temperature on the structure and mechanical properties of CrAlBN thin films	Thin Solid Films	Volume 548, 2 December 2013, Pages 377–384	0040-6090
42	N. V. Hong, M. T. Lan, P. K. Hung	Structural dynamics and diffusion mechanism in glass-forming liquid under high pressure	Indian Journal of Physics	Volume 87, September 2013, pp 879-887	0973-1458
43	N. V. Hong, M. T. Lan, P. K. Hung	Diffusion Mechanism in Liquid MgO: Insights from Simulation	Brazilian Journal of Physics	Volume 44, February 2014	0103-9733

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44	P. H. Kien, P. K. Hung	THE STRUCTURAL AND DYNAMIC PROPERTIES OF COBALT METAL UNDER TEMPERATURE	Modern Physics Letters B	Volume 27, 10 December 2013	0217-9849
45	Tran Doan Huan, Maximilian Amsler, Riccardo Sabatini, Vu Ngoc Tuoc, Nam Ba Le, Lilia M. Woods, Nicola Marzari, and Stefan Goedecker	Thermodynamic stability of alkali-metal–zinc double-cation borohydrides at low temperatures	PHYSICAL REVIEW B	88, 024108 (2013)	1098-0121 (print) 1550-235X (web)
46	Vu Ngoc Tuoc, Tran Doan Huan and Le Thi Hong Lien	Impact of Surface on the d0 Ferromagnetism of Lithium-Doped Zinc Oxide Nanowires	IEEE TRANSACTIONS ON MAGNETICS	Vol.50, No 6, pp. 317-326, Jun 2014	0018-9464
47	Nam B. Le, Tran Doan Huan, and Lilia M. Woods	Tunable Spin-Dependent Properties of Zigzag Silicene Nanoribbons	PHYSICAL REVIEW APPLIED	1, 054002 (2014)	ISSN 2331-7019
48	Nguyen Thi Thuy, Vuong Xuan Anh, Mai Duc Luan, Nguyen Hoang Tuan, Nguyen Tu, Nguyen Duc Chien, Nguyen Huu Lam	Growth of silicon nanowires by sputtering and evaporation methods	Physica Status Solidi (a)	vol. 210, pp. 1429 (2013)	ISSN: 1862-6300 (print). 1862-6319 (online)
49	Dang Duc Dung , Duong Van Thiet , Duong Anh Tuan, Wuwei Feng and Sunglae Cho	Ferromagnetism and magneto-transport properties of Mn <sub>0.92</sub> Ca <sub>0.08</sub> As thin film grown on Al <sub>2</sub> O <sub>3</sub> (0001) substrate	Journal of Applied Physics	vol.115, pp. 17A930 (2014)	ISSN: 0021-8979 E-ISSN: 1089-7550
50	Ngo Duc Quan , Vu Ngoc Hung, Nguyen Van Quyet, Hoang Vu Chung, and Dang Duc Dung	Band gap modification and ferroelectric properties of Bi <sub>0.5</sub> (Na,K) <sub>0.5</sub> TiO <sub>3</sub> -based by Li substitution	AIP Advances	vol. 4, pp. 017122 (2014)	E-ISSN: 2158-3226
51	Dang Duc Dung , Dorj Odkhoo , Le Thanh Vinh, Soon Cheol Hong , and Sunglae Cho	Strain-induced modification in the magnetic properties of Mn <sub>5</sub> Ge <sub>3</sub> thin films	Journal of Applied Physics	vol. 114, pp. 073906 (2013)	ISSN: 0021-8979 E-ISSN: 1089-7550
52	L. H. Bac, B. K. Kim, Y. M. Kong	A Novel Method for Fabricating Fe-Cr-Al Open-cell Metallic and Alloyed Foams	Current Nanoscience	Vol. 10 (2014), 86-88	1573-4137

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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
53	V.V. Ilyasov, V.Ch. Nguyen, I.V. Ershov, and D.Ch. Nguyen	ab initio study of structural and electronic properties of zigzag grapheme nanoribbons on hexagonal boron nitride	Journal of Structural Chemistry	Vol. 55, No. 2, pp. 191-200, 2014	0022-4766
54	V.V. Ilyasov, B.C. Meshi, V.C. Nguyen, I.V. Ershov, and D.C. Nguyen	Magnetism and transport properties of zigzag graphene nanoribbons/hexagonal born nitride heterostructures	Journal of Applied Physics	115, 053708 (2014)	0021-8979
55	V.V. Ilyasov, B.C. Meshi, V.C. Nguyen, I.V. Ershov, and D.C. Nguyen	Edge and substrate-induced bandgap in zigzag graphene nanoribbons on the hexagonal nitride boron 8-ZGNR/h-BN(0001)	AIP Advances	3 (2013) 092105	2158-3226
56	Nguyen Thanh Tien, Pham Thi Bich Thao, Le Tuan	A novel Approach to the Evaluation of the interface Roughness Scattering Form Factor in Intersubband Transitions	Journal of the Korean Physical Society	Vol. 64, No. 11, June 2014, pp 1713-1720	0374-4884 (print version), 1976-8524 (electronic version)
<b>Viện Điện</b>					
57	Osowski S., Brudzewski K. Trần Hoài Linh	Modified neuro-fuzzy TSK network and its application in electronic nose	Bulletin of the Polish Academy of Sciences	Vol. 61, No. 3, 2013, pp. 675-680	0259-7528 (print), 2300-1917 (online)
58	Hoàng Sĩ Hồng Giwy Sang Chung	Controllable growth of oriented ZnO nanorods using Ga-doped seed layers and surface acoustic wave humidity sensor	Sensors and Actuators B: Chemical	Volume 195, Pages 446–451. May 2014,	0925-4005
59	Jia Uddin, Myeongsu Kang, Nguyễn Văn Đình , Jongmyon Kim	Reliable Fault Classification of Induction Motors Using Texture Feature Extraction and a Multiclass Support Vector Machine	Journal of Mathematical Problems in Engineering	Vol. 2014/June 2014	1024-123X
60	Le Duc Tung Gerard Meunier, Olivier Chadebec, Jean-Michel Guichon, Laurent Krahenbuhl	A simple integral formulation for the modeling of thin conductive shells	The european physical journal - applied physics, Vol64	Tháng 11/2013	1286-0042
<b>Viện Dệt may - Da giày và TT</b>					

TT	Họ và tên các tác giả, đơn vị (ghi chi tiết)	Tên bài báo	Tập chí, Proceedings		
			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
61	Shogo Nobukawa , Hikaru Shimada, Yoshihiko Aoki, Azusa Miyagawa, Vu Anh Doan, Hiroshi Yoshimura, Yutaka Tachikawa	Extraordinary wavelength dispersion of birefringence in cellulose triacetate film with anisotropic nanopores	Polymer	55 (15), 25 June 2014	0032-3861
<b>Viện CNSH-CNTP</b>					
62	Chinh-Nghia Nguyen, Thanh-Mai Le and Son Chu-Ky	Pilot scale simultaneous saccharification and fermentation at very high gravity of cassava flour for ethanol production	Industrial Crops and Products	số 56, trang 160-165, năm 2014	0926-6690
63	Rajasabapathy Raju, Chellandi Mohandass, Syed Gulam Dastager, Qing Liu, Thi-Nhan Khieu, Son Chu-Ky, Wen-Jun Li, Ana Colaco	Roseovarius azorensis sp. nov., isolated from seawater at Espalamaca, Azores.	Antonie van Leeuwenhoek	số 105(3), trang 571-578, năm 2014	1572-9699
64	Chu-Ky Son, Bui Thi Khanh, Nguyen Tien Long, and Ho Phu Ha	Acid adaptation to improve viability and X-prolyl dipeptidyl aminopeptidase activity of the probiotic bacterium Lactobacillus fermentum HA6 exposed to simulated gastrointestinal tract conditions	International Journal of Food Science and Technology	số 49, trang 565-570, năm 2014	1365-2621
65	Chu-Ky Son, Laurent Vaysse, Siriluck Liengprayoon, Klanarong Sriroth and Thanh-Mai Le	Acid adaptation for improvement of viability of Saccharomyces cerevisiae during freeze drying	International Journal of Food Science and Technology	số 48, trang 1468-1473, năm 2013	1365-2621
66	Vu Thu Trang, Vu Hong Son, Lam Xuan Thanh, Hiroaki Takeuchi, Samira Sarter, Tomoko Shimamura, Hiroyuki Ukeda	Functional Properties of Maillard Reaction Products in Food: Antimicrobial Activity of Aminoreductone against Pathogenic Bacteria	Food Science and Technology Research	Vol 19, No 5 (2013), 833-841	1344-6606
67	Sirithorn Lertphanich, Rungtiva Wansuksri, Thierry Tran, Guillaume Da, Luong Hong Nga, Dominique Dufour, Kuakoon Piyachonkwan, Klanarong Sriroth	Comparative study on physicochemical properties of ensete and water caltrop with other root, tuber and legume starches	Starch. Staerke	Vol 65, Iss 11-12, pp 1038-1050, 11/2013	1521-379X



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68	Zhao Jiang, Dao-Feng Zhang, Thi-Nhan Khieu, Chu-Ky Son, Xiao-Mei Zhang, Juan Cheng, Xin-Peng Tian, Si Zhang, and Wen-Jun Li	Bacillus tianshenii sp. nov., isolated from a marine sediment sample.	International Journal of Systematic and Evolutionary Microbiology	Vol. 64, 1998-2002	1466-5034.
69	Khuong, Le Duy; Kondo, Ryuichiro; De Leon, Rizalinda; Kim Anh, To; Shimizu, Kuniyoshi; Kamei, Ichiro	Bioethanol production from alkaline-pretreated sugarcane bagasse by consolidated bioprocessing using Phlebia sp. MG-60	International Biodeterioration & Biodegradation	vol. 88 March, 2014. p. 62-68	0964-8305
<b>Viện KH&amp;CN Nhiệt - Lạnh</b>					
70	An Nguyen, Yongil Kim	Transient behavior of temperature sensor of expansion valve with various installation methods	HVAC&R Research	Volume 20, Issue 1, 2014	1078-9669 (Print), 1938-5587 (Online)
71	Lai Ngoc Anh, Pham Thai Son	Description of cyclopropane with BACKONE equation of state	Russian Journal of Physical Chemistry A	88 (2014) 978-983	0036-0244
72	Lai Ngoc Anh	Thermodynamic properties of HFO-1243zf and their application in study on a refrigeration cycle	Applied Thermal Engineering	70 (2014), 1-6	1359-4311
<b>Viện MICA</b>					
73	Đào Trung Kiên, Chih-Keng Chen	Path-tracking control of a riderless bicycle via road preview and speed adaptation	Asian Journal of Control	15(4), p. 1036-1050, 7-2013	1561-8625
74	Đào Trung Kiên, Nguyễn Hưng Long, Phạm Thanh Thủy, Eric Castelli, Nguyễn Việt Tùng, Nguyễn Đình Văn	User localization in complex environments by multimodal combination of GPS, WiFi, RFID and pedometer technologies	Scientific World Journal	2014(814538), 3-2014	1537-744X
<b>Viện KH&amp;KT Vật liệu</b>					
75	Tran Thi Thu Hien, Takashi Shirai, Masayoshi Fuji	Mechanochemical Treatment of Amorphous Silica Powder for Glasses without Firing	Journal of the American Ceramic Society	96[12] 3708 – 3711 (2013)	0921-8831
76	Tran Thi Thu Hien, Takashi Shirai, Masayoshi Fuji	An advanced fabrication route for alkali silicate glass by non-firing process	Advanced Powder Technology	25, 360-364 (2014)	1551-2916

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77	M. Nanko, K. Q. Dang	Two-step pulsed electric current sintering of transparent Al <sub>2</sub> O <sub>3</sub> ceramics	Advances in Applied Ceramics	Feb-14	1743-6753 1743-6761
78	Cuong Quoc Ly, Quy Thu Le, Tuan Van Nguyen, Hang Thi To Phung, Dien The Ngo	Heat Treatment of Thermal Spray Duplex Coating System of Aluminum-Nickel Chromium Alloy on Carbon Steel	Journal of Thermal Spray Technology	December, 2013	1059-9630
79	Jae Chun Lee, Sun Kyu Kim, Trinh Van Trung, and Dong Bok Lee	High Temperature Oxidation of ZrO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Thin Films Deposited on Steel	Journal of Nanoscience and Nanotechnology	Vol. 13, November, (2013)	1533-4880
80	Dong Bok Lee, Trinh Van Trung, Sun Kyu Kim	High temperature oxidation characteristics of CrAlMgN thin films between 800 and 1000 °C in air	Korean Journal of Metals and Materials	Vol. 51, October, (2013)	1738-8228
<b>TT Polyme</b>					
81	Kenichiro Anzai, Rong Lu , Bach Trong Phuc , and Tetsuo Miyakoshi.	Development and Characterization of Laccol Lacquer Blended with Urushiol Lacquer	International Journal of Polymer Anal. Charact.	19, 130-140, 2014	1023-666X print/1563-5341 online
<b>Viện Cơ khí động lực</b>					
82	Q.H. Vu, D. Halm, Y. Nadot	High cycle fatigue of 1045 steel under complex loading: Mechanisms map and damage modelling	International Journal of Damage Mechanics	Vol. 23(3); 04/2014	1056 - 7895
<b>Viện Công nghệ thông tin và truyền thông</b>					
83	Lê Anh Phương, Trần Đình Khang	Generalized Modus Tollens with Linguistic Modifiers for Inverse Approximate Reasoning	International Journal of Computational Intelligent Systems	Volume 7, Number 3, 2014, pp. 556-564	1875-6891
84	Hai Van Pham, Thang C., Cooper E. W. and Kamei K	Hybrid Kansei-SOM Model using Risk Management and Company Assessment for Stock Trading	Information Sciences	Volume 256, (pp. 8-24) 20/1/2014	0020-0255
85	Phan-Thuan DO, Dominique ROSSIN and Thi-Thu-Huong TRAN	Permutations weakly avoiding barred patterns and combinatorial bijections to generalized Dyck and Motzkin paths.	Discrete Mathematics	320(2014)	0012-365X

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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
86	Ylies Falcone, Mohamad Jaber, T-H Nguyen, M. Bozga, S. Bensalem	Runtime verification of component-based systems in the BIP framework with formally-proved sound and complete instrumentation	In Software & System Modeling	April, 2013	1619-1366
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89	Nguyen Huu Thanh, Pham Ngoc Nam, Truong Thu Huong, Tran Ngoc Thuan, Nguyen Minh Duong, Nguyen Van Giang, Nguyen Tai Hung, Ngo Quynh Thu, David Hock, Christian Schwartz	Modeling and experimenting combined smart sleep and power scaling algorithms in energy-aware data center networks	Journal of Simulation and Modelling Practice and Theory, Special Issue on Energy Efficiency in Grids and Clouds	pp 20 - 40, Volume 39, December 2013 (10.1016/j.simpat.2013.05.011)	1569-190X
90	Ha Duyen Trung, Anh T. Pham	Performance Analysis of MIMO/FSO Systems using SC-QAM Over Atmospheric Turbulence Channels	IEICE Transactions on Fundamentals of Electronics, Communication and Computer Sciences, Vol. E97-A, No.1, Jan. 2014, pp. 49-56.	Vol. E97-A, No.1, Jan. 2014	0916-8508
91	Hoàng Mạnh Thắng, Đạt Trần	"Cryptanalysis and security improvement for selective image encryption"	European Physical Journal – Special Topics (EPJ-ST) DOI: 10.1140/epjst/e2014-02121-3	Volume 223, Issue 8, pp 1635-1646, 2014	1951-6355
92	Minh-Tuan Le, Vu-Duc Ngo, Hong Anh Mai, Xuan Nam Tran, Marco Di Renzo	Spatially Modulated Orthogonal Space-Time Block Codes With Non-Vanishing Determinant	IEEE Transactions on Communications	Vol.62, no.1, pp.85~99.Jan 2014.	0090-6778

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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
93	Ping Wang, Fuqiang Liu , Dawei Li . Nguyen Ngoc Van	A traffic flow phase adaptive routing for vehicular communication on highways	EURASIP Journal on Wireless Communications and Networking	Volume 2014	1687-1499
<b>Viện Toán ứng dụng và Tin học</b>					
94	Nguyen Xuan Thao , Vu Kim Tuan and Hoang Thi Van Anh	On the Toeplitz plus Hankel integral equation II.	Integral Transforms and Special Functions	2014. Vol. 25. No. 1, 75 – 84.	1065-2469
95	Nguyen Xuan Thao, Nguyen Minh Khoa Đại học Điện lực, Phi Thi Van Anh	Polyconvolution and the Toeplitz plus Hankel integral equation	Electronic Journal of Differential Equations,	2014, Vol.2014, N.110, 1-14	1072-6691
96	Nguyễn Thiệu Huy, Trịnh Viết Được	Integral manifolds for partial functional differential equations in admissible spaces on a half-line	Journal of Mathematical Analysis and Applications	411 (March, 2014), pp. 816-828.	0022-247X
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98	Phan Xuân Thành, O. Steinbach	Boundary element methods for parabolic boundary control problems	Journal of Integral Equations and Applications	26 (2014)	0897-3962
99	Nguyen The Vinh and Pham Thi Hoai	Ky Fan's inequalities for vector- valued multifunctions in topological ordered spaces	Fixed Point Theory	Volume 15, No.1, 3- 2014	1583-5022, (online) 2066 – 9208
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101	Phan Trung Huy, Cheonshik Kim	Binary Image Data Hiding Using Matrix Encoding Technique in Sensors. IJDSN 2013 (2013)	International Journal of Distributed Sensor Networks	Volume 2013 (2013)	1550-1477
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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
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108	A.P. Molchanov , Q.T. Tran , A.V.Stepakov , G. L. Starova , R.R.Kostikov .	Regioselective Cycloaddition of C-carbamoylnitrones to Methyl (E)-2-(2-Phenylcyclopropylidene)acetate and Methyl (E)-2-Methylidene-3-phenylcyclopropane-1-carboxylate	Russian Journal of Organic Chemistry	Vol. 50, 2014	1070-4280
109	Minh Tan Nguyen, Wolfgang M. Samhaber	Applicability and Costs of Nanofiltration	Beilstein Journal of Nanotechnology,	2014,5,476–484	2190-4286
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112	Minh Thang Le, The Tien Nguyen, Phuong Thi Mai Pham, Els Bruneel, Isabel Van Driessche,	Activated MnO <sub>2</sub> -Co <sub>3</sub> O <sub>4</sub> -CeO <sub>2</sub> catalysts for the treatment of CO at room temperature,	Applied Catalysis A: General	480 (2014), 20 June 2014	0926-860X
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118	Nga Kim Nguyen , Matteo Leoni , Devid Maniglio , Claudio Migliaresi	Hydroxyapatite nanorods: Soft template synthesis, characterization and preliminary in vitro tests	Journal of Biomaterials Applications	Volume 28 (1), 1st July , 2013	0885-3282
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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
120	D.T.M.Hue , P.Lampen, T.V.Manh, V.D.Viet, H.D.Chinh, H.Srikanth and M.H. Phan	Synthesis, structure, and magnetic properties of SrFe <sub>12</sub> O <sub>19</sub> /La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> hard/soft phase composites	Journal of Applied Physics	114, 123901, 2013	0021-8979
121	Minh-Hao Phạm, Cao-Thang Dinh, Gia-Thanh Vuong and Trong-On Do, Ta Ngoc Don	Visible light induced hydrogen generation using a hollow photocatalyst with two cocatalysts separated on two surface sides.	Physical Chemistry Chemical Physics	Tập 16 (2014) 5937- 5941. (Xuất bản tháng 01/2014).	1463-9076
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125	Nguyễn Quang Hưng , Dương Hồng Quyên , Hoàng Thị Kiều Nguyên	New approach of using emulsifier- free emulsion polymerisation to prepare magnetic polymeric nanoparticles	Plastics, Rubber and Composites: macromolecular engineering	Vol. 43, No. 2 (2014)	1465-8011
126	Réne M. Williams, Nguyen Van Anh and Ivo H. M. van Stokkum	Triplet formation by charge recombination in thin film blends of perylene red and pyrene: developing a target model for the photophysics of organic photovoltaic materials	The journal of physical chemistry	Vol 117, 2013, pp 11239-11248	0022-3654
127	Q.H.Nguyen, D.H. Quyen, T. K. N. Hoang	A new route of emulsifier-free emulsion polymer coated magnetite nanoparticles	Materials Science- Poland	Vol. 32 (2), 2014, pp 364-271	2083-1331
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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
128	Tran Ich Thinh Nguyen Manh Cuong Dinh Gia Ninh	Dynamic stiffness formulation for vibration of thick composite plates on non-homogenous foundations	Composite Structures	Vol 108 2/2014	0263-8223
129	Vu Manh Tuan, Nguyen Vu Giang, Tran Ich Thinh, et al,	Using rutile TiO <sub>2</sub> Nanoparticles reinforcing high density polyethylene resin	International Journal of Polymer Science	Vol 2014 Article ID 758351	1687-9422
130	Minh-Quy Le, R. C. Batra	Crack propagation in pre-strained single layer graphene sheets	Computational Materials Science	số 84 tháng 3 năm 2014	0927-0256
131	Minh-Quy Le	Atomistic Study on the Tensile Properties of Hexagonal AlN, BN, GaN, InN and SiC Sheets	Journal of Computational and Theoretical Nanoscience	Số 11 tháng 6 năm 2014	1546-1955
132	Long Trandinh , Woo Jong Kang , Seong Sik Cheon	Nanoindentation Simulation of Dislocation Evolution in Substrate/Film Systems	Journal of Nanoscience and Nanotechnology	Vol. 13, 8224–8228, 12/2013	1533-4880
133	Long Trandinh , Seong Sik Cheon , Woo Jong Kang	Atomistic Simulation on Indented Defects in Silicon	Journal of Nanoscience and Nanotechnology	Vol. 13, 8207–8216, 12/2013	1533-4880
134	Lê Văn Lịch, Đỗ Văn Trường	Plastic stress singularity near interface edge of elasto-plastic/elastic bi-material	Computational Materials Science, 78 (2013), pp 140-146	2013	0927-0256
135	Nguyen Duc-Toan, Kim Young-Suk	A Numerical Study on Establishing the Forming Limit Curve and Indicating the Formability of Complex Shape in Incremental Sheet Forming Process	International Journal of Precision Engineering and Manufacturing	December 2013, Vol. 14, No. 12, pp. 2087-2093	2234-7593 (Print) 2005-4602 (Online)
136	Nguyen Duc-Toan , Duy-Khoe Dinh, Hong-Minh Thi Nguyen, Tien-Long Banh, Young-Suk Kim	Formability Improvement and Blank Shape Definition for Deep Drawing of Cylindrical Cup with Complex Curve Profile from SPCC Sheets using FEM	Journal of Central South University	January 2014, Volume 21, Issue 1, pp 27-34	2095-2899 (print) 2227-5223 (electronic)



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			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
137	Nguyen Trong Hai , Hui Wang, S Jack Hu	Modeling cutter tilt and cutter-spindle stiffness for machine condition monitoring in face milling using high-definition surface metrology	The International Journal of Advanced Manufacturing Technology	Vol. 70, Issue 5-7, 2014	0268-3768 (print) 1433-3015 (online)

	Đơn vị	Số bài báo ISI
1	Viện KHCN&MT	2
2	Viện AIST	12
3	Viện ITIMS	24
4	Viện VLKT	18
5	Viện Điện	4
6	Viện Dệt,May DG&TT	1
7	Viện CNSH-TP	8
8	Viện KH&CN NLạnh	3
9	Viện MICA	2
10	Viện KH&KT Vật liệu	6
11	TT Polyme	1

TT	Họ và tên các tác giả, đơn vị (ghi chi tiết)	Tên bài báo	Tạp chí, Proceedings		
			Tên tạp chí, Proceedings	Số tạp chí Thời gian xuất bản	Chỉ số ISSN
12	Viện CKDL	1			
13	Viện CNTT&TT	6			
14	Viện ĐT-VT	5			
15	Viện Toán UD&TH	9			
16	Viện KT Hóa học	25			
17	Viện Cơ khí	10			
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