

**DANH MỤC CÁC BÀI BÁO KHOA HỌC CỦA CÁN BỘ TRƯỜNG ĐHBK HN  
ĐĂNG TRONG TẠP CHÍ QUỐC TẾ TRONG DANH MỤC SCI VÀ SCIE NĂM HỌC 2014 - 2015**

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
	<b>Viện Toán Ứng dụng và Tin học</b>				
1	Nguyen Xuan Thao (ĐHBK Hà Nội), Le Xuan Huy (DDHCN Nam Định), Vu Kim Tuan (Univ. West-Georgia USA) and Nguyen Thanh Hong (ĐHSP Hà Nội)	On the Fourier – Laplace convolution transforms.	Int. Trans., Spec. Func	2015. Vol. 26, No. 4, pp. 303 – 313.	1065-2469
2	Nguyen Xuan Thao (ĐHBK Hà Nội) and Hoang Thi Van Anh (ĐH Công nghiệp thực phẩm Việt Trì)	On the Hartley-Fourier sine generalized convolution.	Mathematical Method in the Applied Sciences	2014. No. 37, pp. 2308 – 2319.	1099-1476
3	Đình Nho Hào, Viện Toán học Việt Nam; Phan Xuân Thành, Viện Toán ứng dụng và Tin học, ĐH Bách Khoa Hà Nội; D. Lesnic, Department of Applied Mathematics, University of Leeds, UK; M. Ivanchov, Faculty of Mechanics and Mathematics, Ivan Franko National University of Lviv, Ukraine	Determination of a source in the heat equation from integral observations	J. Comput.Appl. Math.	264 (2014), 82-98	0377-0427
4	Đình Nho Hào, Viện Toán học Việt Nam; Phan Xuân Thành, Viện Toán ứng dụng và Tin học, ĐH Bách Khoa Hà Nội; D. Lesnic, Department of Applied Mathematics, University of Leeds, UK	Determination of the ambient temperature in transient heat conduction	IMA J. Appl. Math.	80 (2015), 24-46	0272-4960

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
5	Guenther Of, Viện Toán học tính toán, ĐH Công nghệ Graz, CH Áo; Phan Xuân Thành, Viện Toán ứng dụng và Tin học, ĐH Bách Khoa Hà Nội; Olaf Steinbach, Viện Toán học tính toán, ĐH Công nghệ Graz, CH Áo	An energy space finite element approach for elliptic Dirichlet boundary control problems	Numerische Mathematik	129 (2015) 723-748	0029-599X
6	Đình Nho Hào, Viện Toán học Việt Nam; Bùi Việt Hương, Trường ĐH Khoa học, ĐH Thái Nguyên; Phan Xuân Thành, Viện Toán ứng dụng và Tin học, ĐH Bách Khoa Hà Nội; D. Lesnic, Department of Applied Mathematics, University of Leeds, UK	Identification of nonlinear heat transfer laws from boundary observations	Applicable Analysis	94(2015), 1784-1799	0003-6811
7	Le Dung Muu, Viện Toán học Việt Nam and Le Quang Thuy, Đại học Bách Khoa Hà Nội	On DC. Optimization algorithms for solving minmax flow problems	Journal of Mathematical Methods of Operations Research	Vol. 80, No 1, 2014	ISSN: 1432-2994
8	Nguyễn Thiệu Huy (Viện Toán Ứng dụng và Tin học, Đại học Bách Khoa Hà Nội)	Periodic Motions of Stokes and Navier-Stokes Flows Around a Rotating Obstacle	Archive for Rational Mechanics and Analysis	213 (August, 2014), pp. 689-703.	0003-9527
9	M. Hieber, M. Geissert (Fachbereich Mathematik, Technische Universitat Darmstadt, Germany), Nguyễn Thiệu Huy (Viện Toán Ứng dụng và Tin học, Đại học Bách Khoa Hà Nội)	Stability results for fluids of Oldroyd-B type on exterior domains	Journal of Mathematical Physics	55 (September, 2014), pp. 091505.1–091505.11.	0022-2488
10	Nguyễn Thiệu Huy, Vũ Thị Ngọc Hà (Viện Toán Ứng dụng và Tin học, Đại học Bách Khoa Hà Nội)	Admissibly Integral Manifolds for Semi-linear Evolution Equations	Annales Polonici Mathematici	112 (October, 2014), pp. 127-163	0066-2216
11	Nguyễn Thiệu Huy (Viện Toán Ứng dụng và Tin học, Đại học Bách Khoa Hà Nội), Phạm Văn Bằng (Khoa Cơ bản, Đại học Kinh Tế - Kỹ thuật Nam Định)	Dichotomy and positivity of neutral equations with nonautonomous past	Applicable Analysis and Discrete Mathematics	8 (October, 2014), pp. 224-242.	1452-8630

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
12	Ha Binh Minh (School of Applied Mathematics and Informatics, Hanoi University of Science and Technology, 1 Dai Co Viet, Hanoi, Viet Nam); Carles Batlle (Department of Applied Mathematics IV, Universitat Politècnica de Catalunya, Spain); Enric Fossas (Institute of Industrial and Control Engineering, Universitat Politècnica de Catalunya, Spain)	A new estimation of the lower error bound in balanced truncation method	Automatica	50 (2014)	00051098
13	Ha Binh Minh (School of Applied Mathematics and Informatics, Hanoi University of Science and Technology, 1 Dai Co Viet, Hanoi, Viet Nam); Chu Binh Minh (Faculty of Basic Science, University of Economic and Technical Industries, 353 Tran Hung Dao, Namdinh, Vietnam); Victor Sreeram (School of Electrical, Electronic, and Computer Engineering, University of Western Australia, 35 Stirling Highway) Crawley, Western Australia)	Comparison between balanced truncation and modal truncation techniques for linear state-space symmetric systems	IET Control Theory Appl.	9 (2015)	1751-8644

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
14	Wan Mariam Wan Muda (School of Ocean Engineering, University Malaysia Terengganu, Kuala Terengganu, 21030, Malaysia); Victor Sreeram (School of Electrical, Electronic, and Computer Engineering, University of Western Australia, 35 Stirling Highway); Ha Binh Minh (School of Applied Mathematics and Informatics, Hanoi University of Science and Technology, 1 Dai Co Viet, Hanoi, Viet Nam); A. Ghafoor (Military College of Signals, National University of Sciences and Technology (NUST), Islamabad, Pakistan) Crawley, Western Australia)	Comments on “Model-Order Reduction Using Variational Balanced Truncation With Spectral Shaping”	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS-I	62 (2015)	1549-8328
15	Đoàn Công Định, Bộ môn Toán cơ bản , Viện Toán ứng dụng và Tin học	Dirichlet boundary value problem for monogenic functions in Clifford analysis	Complex variables and elliptic equations	Volume 59, 9-2014	ISSN 1747-6933 (Print), 1747-6941 (Online)
16	N. T. Toan, Đại học Bách Khoa Hà Nội ; Q. H. Ansari, Department of Mathematics, Aligarh Muslim University, Aligarh 202 002, India; J.-C. Yao, Center for Fundamental Science, Kaohsiung Medical University, Kaohsiung 80708, Taiwan	Second-Order Necessary Optimality Conditions for a Discrete Optimal Control Problem	Journal of Optimization Theory and Applications	Volume 165, Issue 3, June 2015	ISSN: 0022-3239
17	Tăng Quốc Bảo - Đại học Bách khoa Hà Nội	Dynamics of stochastic three dimensional Navier-Stokes-Voigt equations on unbounded domains	Journal of Mathematical Analysis and Applications	Volume 419, Issue 1, Ngày 1 tháng 11 năm 2014	0022-247X

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
18	Tăng Quốc Bảo - Đại học Bách khoa Hà Nội	Regularity of pullback random attractors for stochastic FitzHugh-Nagumo system on unbounded domains	Discrete and Continuous Dynamical Systems	Volume 35, Issue 1, Tháng 1 năm 2015	1553-5231
19	Đỗ Đức Thuận, ĐH Bách Khoa Hà Nội, Volker Mehrmann, Technische Universität Berlin	Stability analysis of implicit difference equations under restricted perturbations	SIAM Journal on Matrix Analysis and Applications	vol. 36 (1), pp. 178-202, publish 2/ 2015	Electronic: 1095-7162 Print: 0895-4798
20	Trong Hieu Nguyen, Faculty of Mathematics, Informatics and Mechanics, Vietnam National University, 334 Nguyen Trai Street, Thanh Xuan District, Hanoi, Vietnam; Doanh Nguyen Ngoc, School of Applied Mathematics and Informatics, Hanoi University of Science and Technology, No 1 Dai Co Viet Street, Hai Ba Trung District, Hanoi, Vietnam	Spatial Heterogeneity, Fast Migration and Coexistence of Intraguild Predation Dynamics	Journal of Biological Systems	Vol. 23, No. 1 (2015), 79-92	0218-3390
<b>Viện CNTT&amp;TT</b>					
21	Huynh Thi Thanh Binh, Bui Thu Lam, Nguyen Sy Thai Ha, Hisao Ishibuchi,	A Multi-Objective Approach for Solving the Survivable Network Design Problem with Simultaneous Unicast and Anycast Flows	Applied Soft Computing	Vol. 1145-1154, 2014	1568-4946
22	Khoat Than, Tu Bao Ho, and Duy Khuong Nguyen	An effective framework for supervised dimension reduction	Neurocomputing	Vol. 139, 2014	0925-2312
23	Tung Hai Ta, M. Pini, L. L. Presti	Combined GPS L1C/A and L2C Signal Acquisition Architectures Leveraging Differential Combination	IEEE Transactions on Aerospace and Electronic Systems	Vol. vol. 50, Issue 4, pp. 3212 - 3229, 2014	0018-9251

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
24	Philip T Moore, Hai V Pham	Personalization and rule strategies in data-intensive intelligent context-aware systems	Knowledge Engineering Review	Vol. Vol. 30, No. 2., pp. 140-156, 2015	ISSN: 0269-8889 EISSN: 1469-8005
25	Thanh-Trung Pham, Xavier Défago, Quyet-Thang Huynh	Reliability prediction for component-based software systems	Journal of Science of Computer Programming	Vol. Volume 97, Part 4, pp. 426–457, 2015	ISSN 0167-6423
<b>Viện ĐTVT</b>					
26	Tien Hoa Nguyen (ĐTVT), Thanh Hieu Nguyen, Van Duc Nguyen (ĐTVT), Duyen Trung Ha (ĐTVT), guillaume Gelle, Hyunscung Choo	Second Order Suboptimal Power Allocation for MIMO-OFDM Based Cognitive Radio System	KSII Transactions on Internet and Information Systems (TIIS) (Tạp chí SCIE)	8/1/2014 ( <a href="http://dx.doi.org/10.3837/tiis.2014.08.004">http://dx.doi.org/10.3837/tiis.2014.08.004</a> )	1976-7277
27	Pham Ngoc Nam (ĐTVT), Nguyen Huu Thanh (ĐTVT), Vu Quang Trong (ĐTVT), Tran Hoang Vu (ĐTVT), Truong Thu Huong (ĐTVT), Phuoc Tran-Gia, and Christian Schwart (ĐH Wurzburg)	A New Power Profiling Method and Power Scaling Mechanism for Energy-Aware NetFPGA Gigabit Router	Journal of Computer Networks, Special Issue on Green Communications, Elsevier	Volume 78, 26 February 2015, Pages 4–25 (doi:10.1016/j.comnet.2014.10.036)	1389-1286
28	Tran Hoang Vu, Vu Cong Luc, Nguyen Trung Quan, Nguyen Huu Thanh and Pham Ngoc Nam (tất cả từ ĐTVT)	“Energy saving for OpenFlow switch on the NetFPGA Platform based on Queue Engineering”	SpringerPlus, Springer	Volume 4, Issue 1, Pg. 64, Feb. 2015 (doi: 10.1186/s40064-014-0775-8)	2193-1801
29	Kieu-Ha Phung ( Bộ môn HTVT ) , Bart Lemmens, Marnix Goossens, Ann Nowe, ( VUB, Bỉ), Lan Tran ( Bộ môn KTTT), Kris Steenhaut (VUB, Bỉ))	Schedule-based multi-channel communication in wireless sensor networks: A complete design and performance evaluation	Ad hoc Networks	Volume 26, March 2015	ISSN 1570-8705
30	Nguyen Khac Kiem (ĐTVT), Huynh Nguyen Bao Phuong (ĐTVT), Dao Ngoc Chien (Bộ KH&CN)	Design of Compact 4 × 4 UWB-MIMO Antenna with WLAN Band Rejection	International Journal of Antennas and Propagation, Article number 539094, doi:10.1155/2014/539094	Volume 2014 (8th July 2014)	1687-5869

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
31	Nguyen Khac Kiem (ĐTVT), Huynh Nguyen Bao Phuong (ĐTVT), Quang Ngoc Hieu, Dao Ngoc Chien (Bộ KH&CN)	A Novel Metamaterial MIMO Antenna with High Isolation for WLAN Applications	International Journal of Antennas and Propagation, Article number 851904, doi:10.1155/2015/851904	Volum 2015 (2nd Feb 2015)	1687-5869
32	Ha Duyen Trung, Do Trong Tuan (BM Điện tử hàng không vũ trụ)	Pointing Error Effects on Performance of Free-Space Optical Communication Systems using SC-QAM Signals over Atmospheric Turbulence Channels	ELSEVIER's AEÜ - International Journal of Electronics and Communications	Vol. 68, No. 9, Sept. 2014, pp. 869-876.	1434-8411
33	Ping Wang, Lei Ding, Huifang Pang, Fuqiang Liu (Broadband Wireless Communication and Multimedia Lab, College of Electronics and Information Engineering, Tongji University, Shanghai 201804, P. R. China). Nguyen Ngoc Van (ĐTVT),	Zero Forcing Beamforming based Coordinated Scheduling Algorithm for Downlink Coordinated Multi-Point Transmission System	IEICE Transactions on Communications	E98-B(No.2)	Print ISSN: 0916-8516 - Online ISSN 1745-1345
34	Ping Wang (Broadband Wireless Communication and Multimedia Lab, College of Electronics and Information Engineering, Tongji University, Shanghai 201804, P. R. China), Yan Zheng (Shanghai Key Laboratory of Digital Media Processing and Transmission, Shanghai 200240, China), Nguyen Ngoc Van (ĐTVT),	RESIDUAL DCT MATRIX BASED MPEG-2 TO H.264/AVC INTER TRANSCODING	SYLWAN journal	Volume 2014	0039-7660
35	Nguyen Xuan Quyen (ĐTVT), Vu Van Yem (ĐTVT) and Duong Quang Trung (Queen Uni Belfast)	Design and analysis of a spread-spectrum communication system with chaos-based variation of both phase-coded carrier and spreading factor	IET Communications	Vol. 9, No.12, 2015	1751-8628

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
36	Sajad Jafari, Julien C. Sprott, Viet-Thanh Pham (ĐTVT), S. Mohammad Reza Hashemi Golpayegani, Amir Houmayoun Jafari	A new cost function for parameter estimation of chaotic system using return maps as fingerprints	International Journal of Bifurcation and Chaos	Vol. 24, No. 10, 10/2014	0218-1274
37	Viet-Thanh Pham (ĐTVT), Sajad Jafari, Christos Volos, Xiong Wang, S. Mohammad Reza Hashemi Golpayegani,	Is that really hidden? The presence of complex fixed-points in chaotic flows with no equilibria	International Journal of Bifurcation and Chaos	Vol. 24, No. 11, 11/2014	0218-1274
38	Fadhil Rahma Tahir, Sajad Jafari, Viet-Thanh Pham (ĐTVT), Christos Volos, Xiong Wang	A novel no-equilibrium chaotic system with multi-wing butterfly attractors	International Journal of Bifurcation and Chaos	Vol. 25, No. 4, 4/2015	0218-1274
<b>Viện Kỹ thuật Hóa học</b>					
39	Do Phuc Tuyen, Do Phuc Quan, Nguyen Hai Binh, Nguyen Van Chuc, Tran Dai Lam, Le Trong Huyen, <b>Nguyen Le Huy (HUST)</b> , Pham Hung Viet, Nguyen Thai Loc, Tran Quang Huy	A highly sensitive electrode modified with graphene, gold nanoparticles, and molecularly imprinted over-oxidized polypyrrole for electrochemical determination of dopamine	Journal of Molecular Liquids	Oct-14	0167-7322
40	Hoang Duy Vu, <b>Lê-Huy Nguyen (HUST)</b> , Tuan Dzung Nguyen, Hai Binh Nguyen, Thai Loc Nguyen, Dai Lam Tran	Anodic stripping voltammetric determination of Cd <sup>2+</sup> and Pb <sup>2+</sup> using interpenetrated MWCNT/P1,5-DAN as an enhanced sensing interface	Ionics	Feb-15	0947-7047
41	Vũ Anh Tuấn (HUST), Yongha Park, Pil Rip Jeon, Chang-Ha Lee (Yonsei University, Korea)	Mesoporous MgO sorbent promoted with KNO <sub>3</sub> for CO <sub>2</sub> capture at intermediate temperatures	Chemical Engineering Journal	Vol. 258, 2014	1385-8947
42	Vũ Anh Tuấn (HUST), Shunbo Jiang, Keon Ho (Yonsei University, Korea), Joong Beom Lee (KEPCO Research Institute, Korea), Chang-Ha Lee (Yonsei University, Korea)	Mesoporous magnesium oxide and its composites: Preparation, characterization, and removal of 2-chloroethyl ethyl sulfide	Chemical Engineering Journal	Vol. 269, 2015	1385-8947



TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
43	Dinh Binh Chu (HUST), Christina Troyer, Teresa Mairinger, Karin Ortmayr, Stefan Neubauer, Gunda Koellensperger, Stephan Hann	Isotopologue analysis of sugar phosphates in yeast cell extracts by gas chromatography chemical ionization time-of-flight mass spectrometry	Analytical Bioanalytical Chemistry	Vol 407, issue 10, tháng 4 năm 2015	1618-2650
44	J. Malinina (Saint Petersburg State University, Russia), Q.T. Tran (HUST), A. V. Stepanov (Saint Petersburg State University, Russia), V.V. Gurzhiy (Saint Petersburg State University, Russia), G.L. Starova (Saint Petersburg State University, Russia), R.R. Kostikov (Saint Petersburg State University, Russia), A.P. Molchanov (Saint Petersburg State University, Russia).	[3+2] Cycloaddition reactions of arylallenes with C-(N-arylcarbonyl)- and C,C-bis(methoxycarbonyl)nitrones and subsequent rearrangements	Tetrahedron Letters	Vol. 55, 2014	0040-4039
45	Phuong Thi Mai Pham, Minh Thang Le, Tien The Nguyen, Els Bruneel and Isabel Van Driessche	The Influence of Deposition Methods of Support Layer on Cordierite Substrate on the Characteristics of a MnO <sub>2</sub> -NiO-Co <sub>3</sub> O <sub>4</sub> /Ce <sub>0.2</sub> Zr <sub>0.8</sub> O <sub>2</sub> /Cordierite Three Way Catalyst	Materials	2 Sep 2014, 7, 6237-6253	1996-1944
46	V.G. Baldovino-Medrano, M.T. Le, I. Van Driessche, E. Bruneel, C. Alcázar, M.T. Colomer, R. Morenod, A. Florenciea, B. Farina, E.M. Gaigneaux,	Role of shaping in the preparation of heterogeneous catalysts: Tableting and slipcasting of oxidation catalysts,	Catalysis Today,	Volume 246, 15 May 2015, Pages 81-91	0920-5861
47	Phuong Thi Mai Pham, Thang Le Minh, Tien The Nguyen and Isabel Van Driessche	CeO <sub>2</sub> Based Catalysts for the Treatment of Propylene in Motorcycle's Exhaust Gases,	Materials	2014, 7, 7379-7397;	1996-1944

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
48	Tien The Nguyen, Phuong Thi Mai Pham, <b>Thang Minh Le</b> , and Isabel Van Driessche	Co3O4 Catalysts on CeO2-ZrO2 Supports and Co3O4-CeO2 Catalysts on Al2O3/SiO2 Supports for the Oxidation of Propylene,	Journal of Chemistry	Volume 2015 (2015), Article ID 912905, 8 pages	2090-9063
49	Phuong Pham Thi Mai, Nguyen The Tien, <b>Thang Le Minh</b> , Isabel Van Driessche	The Application of High Surface Area Cordierite Synthesized from Kaolin as a Substrate for Auto Exhaust Catalysts,	JOURNAL OF THE CHINESE CHEMICAL SOCIETY,	June 2015, 62 (6), 536-546, 2013	2192-6549
50	Đặng Trung Dũng (BM Điện hóa và Bảo vệ kim loại, Viện Kỹ thuật Hóa học, ĐHBách Khoa HN); Sang Woo Joo (trường đại học Yeungnam, Hàn Quốc); Alireza Khataee, Soghra Bozorg, Behrouz Vahid, Younes Hanifehpour (trường đại học Tabriz, Iran)	Synthesis and Immobilization of MnO2 Nanoparticles on Bio-Silica for Efficient Degradation of an Azo Dye in Aqueous Solution	Current Nanoscience	2015, Vol 11, 129-134	1573-4137
51	Đặng Trung Dũng (BM Điện hóa và Bảo vệ kim loại, Viện Kỹ thuật Hóa học, ĐHBách Khoa HN); Ich-Long Ngo, Chan Byon, Sang Woo Joo (trường đại học Yeungnam, Hàn Quốc)	A Numerical Study on the Dynamics of Droplet Formation in a Microfluidic double T-junction	BIOMICROFLUIDICS	2015, Vol 9, 02410701-02410713	1932-1058
52	1- <b>Phan Huy Hoàng</b> -ĐHBKHN; 2-Lê Quang Diễn -ĐHBKHN	Synthesis of magnetically recyclable ZSM-5 zeolite for styrene epoxide rearrangement reaction	Chemical Engineering Journal	Vol.262, 2015, 140-145.	1385-8947
53	1- <b>Lê Quang Diễn</b> -ĐHBKHN; 2-Nguyễn Thị Minh Phương; 3-Phan Huy Hoàng-ĐHBKHN; 4-Doãn Thái Hòa-ĐHBK HN	Efficient pretreatment of Vietnamese rice straw by soda and sulfate cooking methods for enzymatic saccharification	Applied Biochemistry and Biotechnology	Vol.175, 2015, 1536-1547.	0273-2289

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
54	<b>Nguyen Kim Nga (Viện KTHH, Trường ĐHBKHN)</b> , Tran Thanh Hoai, Pham Hung Viet (Trung tâm Nghiên cứu và Phát triển Môi trường bền vững, Trường ĐHKHTN)	Biomimetic scaffolds based on hydroxyapatite nanorod/poly(d,l) lactic acid with their corresponding apatite forming capability and biocompatibility for bone tissue engineering	Colloids and surfaces B-Biointerfaces	Volume 128, 1 April 2015	0927-7765
55	<b>H. V. Tran</b> , B. Piro, S. Reisberg, L. Huy Nguyen, T. Dung Nguyen, H.T. Duc, M.C. Pham	An electrochemical ELISA-like immunosensor for miRNAs detection based on screen-printed gold electrodes modified with reduced graphene oxide and carbon nanotubes	<b>Biosensors &amp; Bioelectronics</b>	62 (2014)25–30 <b>14 June 2014</b>	0956-5663
56	Luu Van Chinh, Truong Ngoc Hung, Nguyen Thi Nga, Le phong, Le Mai Huong, Tran Thi Hong Ha, Soo Un Kim and <b>Tran Khac Vu</b>	New Chalcones Containing Nucleosides Exhibiting In Vitro Anti-cancer Activities	Letters in Organic Chemistry	<b>2014</b> , 11 (7), 534-545.	ISSN: 1570-1786
57	Luu Van Chinh, Truong Ngoc Hung, Nguyen Thi Nga, Le phong, Le Huu Cuong, Vu Tien Chinh, Soo Un Kim and <b>Tran Khac Vu</b>	New Chalcones Containing 5-Fluorouracil Exhibiting in vitro Anti-Cancer Activity	Letters in Organic Chemistry	<b>2015</b> , 12 (4) 251-261	ISSN: 1570-1786
58	<b>Ho Duc Cuong</b> , Thanh Thi Thu Thuy, <b>Tran Thu Huong</b> , Bui Minh Ly & Tran Thi Thanh Van	Structure and hypolipidaemic activity of fucoidan extracted from brown seaweed Sargassum henslowianum	Natural Product Research	<b>2015</b> , 29(5), 411-415.	ISSN 1478-6419
59	<b>Dinh Thi Phuong Anh</b> , Tran Bach Duong, Vu Dinh Hoang	A new chromone from Hymenocallis littoralis Salisb.(Amaryllidaceae)	Natural Product Research	2014, 1478-6427	ISSN: 1478-6419

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tập chí, Proceedings		
60	Do Ngoc Khue(a), Tran Dai Lam(b), Nguyen Van Chat(a), Vu Quang Bach(a), Do Binh Minh(a), Vu Duc Loi(c), <b>Nguyen Van Anh(d)</b>	Simultaneous degradation of 2,4,6-trinitrophenyl-N- methylnitramine(Tetryl) and hexahydro-1,3,5-trinitro-1,3,5 triazine (RDX) in polluted wastewater using some advanced oxidation processes	Journal of Industrial and Engineering Chemistry	Volume 20, Issue 4, 25 July 2014, Pages 1468–1475	1226-086X
61	Alexandrina Zuza , Paul Serban Agachi , Vasile Mircea Cristea ,Abhilash Nair , <b>Nguyen Ngoc Tue</b> ,Cristina Horju- Deac	Case study on energy efficiency of biogas production in industrial anaerobic digesters at municipal wastewater treatment plants	Environmental Engineering and Management Journal	Vol.14, No. 2, 357-360, 2015	1582-9596
62	<b>Trong-Nghia Nguyen</b> , Putikam Raghunath, and M. C. Lin	A Novel and Facile Decay Path of Criegee Intermediates by Intramolecular Insertion Reactions via Roaming Transition States	J. Chem. Phys.	Vol 141, pp 154313-1-15., 2015	1089-7690
63	Shang-Chen Huang, <b>N. T. Nghia</b> , Putikam Raghunath, Hue M. T. Nguyen, M. C. Lin, Soji Tsuchiya, and Yuan-Pern Lee	Reaction dynamics of O(1D) + HCOOD/DCOOH investigated with time-resolved Fourier- transform infrared emission.	J. Chem. Phys.	Vol 141, pp 154313-1-15. 2014	1089-7690
64	Hue Minh Thi Nguyen, Huu Tho <b>Nguyen</b> , <b>Trong-Nghia</b> , Nguyen, Hung Van Hoang, and Luc Vereckeen	Theoretical study on the Reaction of the Methylidyne Radical, CH( <sup>2</sup> X), with Formandehyde, CH <sub>2</sub> O	J. Phys. Chem. A,	Vol 118, pp 8861-8871. 2014	1089-5639
65	<b>Tran Thu Huong</b> , Nguyen Van Thong, Tran Thi Minh, Le Huyen Tram, Nguyen Tuan Anh, Ho Duc Cuong, Pham Van Cuong, Diep V. Ca	Chloranecrectuslactone V, a new sesquiterpene from Chloranthus erectus	Letter in Organic Chemistry	Vol. 11, 639-642, 2014	1875-6255

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
66	Monica Araya-Farias, Myriam Taverna, Marion Woytasik, Fabien Bayle, Mohamed Guerrouache, Ichraf Ayed, <b>Ha H. Cao</b> , Benjamin Carbonnier, N.Thuy Tran	A new strategy for simultaneous synthesis and efficient anchorage of polymer monoliths in native PDMS microchips	Polymer	Vol 66 1June 2015	249-258
67	山本祥正*1・塩原圭一郎*2. NguyenThuHa*-. PhanTrungNghia*- 福原吏奈*1・石井宏幸*1.河原成元*	ラテックスの状態におけるエポキシ化天然ゴムの水素化	Kobunshi Ronbunshu, Japanese Journal of Polymer Science and Technology	Vol.72,No.3, pp.118-123, March 2015	0386-2186
68	山本祥正*1・塩原圭一郎*2PhanTrungNghia*- 福原吏奈*1・石井宏幸*1.河原成元*	ラテックスの状態におけるエポキシ化天然ゴムの水素化	Kobunshi Ronbunshu, Japanese Journal of Polymer Science and Technology	Vol.72,No.3, pp.124-129, March 2015	0386-2186
69	Lina Fukuhara, Kai Miyano, Yoshimasa Yamamoto, Hiroyuki Ishii, <b>Phan Trung Nghia</b> , Masao Fukuda, Seiichi Kawahara	Removal of proteins from natural rubber latex and gloves	KGK, International Technial Journal for polymer materials	Mar-15	0948-3276
<b>Viện Vật lý kỹ thuật</b>					
70	V.V. Ilyasov, Chuong V. Nguyen, I.V. Ershov, <b>Chien D. Nguyen</b> , Nguyen N. Hieu	Modulation of the band structure in bilayer zigzag graphene nanoribbons on hexagonal boron nitride using the force and electric fields	Materials Chemistry and Physics	154 (2015) 78-83	0254-0584
71	Nguyen Van Toan, Nguyen Viet Chien, Nguyen Van Duy, <b>Dang Duc Vuong</b> , <b>Nguyen Huu Lam</b> , Nguyen Duc Hoa, Nguyen Van Hieu, <b>Nguyen Duc Chien</b>	Scalable fabrication of SnO2 thin films sensitized with CuO islands for enhanced H2S gas sensing performance	Applied Surface Science	324 (2015) 280-285	0169-4332
72	V.V. Ilyasov, B.C. Meshi, V.C. Nguyen, I.V. Ershop, <b>D.C. Nguyen</b>	Semiconductor-halfmetal-metal transition and magnetism of bilayer graphene nanoribbons/hexagonal boron nitride heterostructure	Solid State Communications	199 (2014) 1-10	0038-1098

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
73	P. Losada-Pérez, M. Khorshid, C. Hermans, T. Robijns, M. Peeters, K.L. Jiménez Monroy, <b>L.T.N. Truong</b> , P. Wagner	Melittin disruption of raft and non-raft-forming biomimetic membranes: A study by quartz crystal microbalance with dissipation monitoring,	Colloids and Surfaces B: Biointerfaces,	Volume 123, 1 November 2014, Pages 938-944	0927-7765
74	Nguyen Hoang Hung, Nguyen Dang Thanh, <b>Nguyen Huu Lam</b> , Nguyen Dac Dien, <b>Nguyen Duc Chien</b> , <b>Dang Duc Vuong*</b> ,	Preparation and ethanol sensing properties of flower-like cupric oxide hierarchical nanorods	Materials Science in Semiconductor Processing	<b>26</b> (2014) 18-24	ISSN: 1369-8001
75	<b>Ngo Duc Quan</b> , <b>Luong Huu Bac</b> , <b>Duong Van Thiet</b> , <b>Vu Ngoc Hung</b> , and <b>Dang Duc Dung</b>	Current Development in Lead-Free Bi <sub>0.5</sub> (Na,K) <sub>0.5</sub> TiO <sub>3</sub> -Based Piezoelectric Materials	Advances in Materials Science and Engineering	vol. 2014, (2014) Article ID 365391, 13 pages	1687-8442
76	<b>Ngo Duc Quan</b> , Nguyen Van Quyet, <b>Luong Huu Bac</b> , <b>Duong Van Thiet</b> , <b>Vu Ngoc Hung</b> , and <b>Dang Duc Dung</b>	Structural, ferroelectric, optical properties of A-site-modified Bi <sub>0.5</sub> (Na <sub>0.78</sub> K <sub>0.22</sub> ) <sub>0.5</sub> Ti <sub>0.97</sub> Zr <sub>0.03</sub> O <sub>3</sub> lead-free piezoceramics	Journal of Physics and Chemistry of Solids	vol. 77 (2015) pp. 62–67	0022-3697
77	<b>Dang Duc Dung</b> , Nguyen Van Quyet, and <b>Luong Huu Bac</b>	Role of Sintering Temperature on Giant Field-Induced Strain in Lead-Free Bi <sub>0.5</sub> (Na,K) <sub>0.5</sub> TiO <sub>3</sub> -Based Ceramics	Ferroelectrics	vol. 474 (2015) pp. 113–119	1563-5112
78	Nguyen Van Quyet, <b>Luong Huu Bac</b> , and <b>Dang Duc Dung</b>	Enhancement of the Electrical-field-induced Strain in Lead-free Bi <sub>0.5</sub> (Na,K) <sub>0.5</sub> TiO <sub>3</sub> -based Piezoelectric Ceramics: Role of the Phase Transition	Journal of the Korean Physical Society	vol. 66 (2015) pp. 1317-1322	1976-8524

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
79	N.V. Hong, N.V. Yen, M.T. Lan, and P.K. Hung, Hanoi University of Science and Technology	Coordination and polyamorphism of aluminium silicate under high pressure: insight from analysis and visualization of molecular dynamics data	Canadian Journal of Physics	<u>Vol. 92, 2014</u>	0008-4204
80	<b>Thi Thanh-Ha Nguyen, Thi-Lan Mai, Khac-Hung Pham and Van-Vinh Le</b> , Hanoi University of Science and Technology	Dynamical heterogeneity and anomalously dynamical slowdown in liquid alumina	Molecular Simulation	<u>Vol. 41, No. 9, 764–771, 2015</u>	0892-7022
81	P. H. Kien (Thainguyen University of Education), <b>P. K. Hung, N. T. Thao</b> , Hanoi University of Science and Technology	Study of local density fluctuations in liquid and amorphous iron using molecular dynamics simulation	<u>International Journal of Modern Physics B</u>	Volume 28, Issue 31, 20 December 2014	0217-9792
82	P. H. Kien (Thainguyen University of Education), <b>P. K. Hung, N. T. Thao</b> , Hanoi University of Science and Technology	Molecular dynamic simulation of Fe nanoparticles	<u>International Journal of Modern Physics B</u>	Volume 29, Issue 06, 10 March 2015	0217-9792
83	P. H. Kien (Thainguyen University of Education), <b>N. T. Thao, P. K. Hung</b> , Hanoi University of Science and Technology	The local structure and crystallization of FeB nanoparticles	<u>Modern Physics Letters B</u>	Volume 28, Issue 31, 20 December 2014	0217-9849
84	P. H. Kien (Thainguyen University of Education), <b>M. T. Lan, N. T. Dung, P. K. Hung</b> , Hanoi University of Science and Technology	Annealing study of amorphous bulk and nanoparticle iron using molecular dynamics simulation	<u>International Journal of Modern Physics B</u>	Volume 28, Issue 23, 20 September 2014	0217-9792
85	<b>Nam B. Le, Tran Doan Huan</b> , and Lilia M. Woods	Tunable Spin-Dependent Properties of Zigzag Silicene Nanoribbons	PHYSICAL REVIEW APPLIED	1, 054002 (2014)	ISSN 2331-7019
86	Manh-Thuong Nguyen, <b>Pham Nam Phong</b> , and Nguyen Duc Tuyen	Hydrogenated Graphene and Hydrogenated Silicene: Computational Insights	Journal of Chemical Physics	Volume 16, Issue 8, pages 1733–1738, June 8, 2015	0021-9606 (print) 1089-7690 (online)

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
87	Anh-Thu Le, Hui Wei, Cheng Jin, <b>Vu Ngoc Tuoc</b> , Toru Morishita, and C. D. Lin	Universality of Returning Electron Wave Packet in High-Order Harmonic Generation with Midinfrared Laser Pulses	PHYSICAL REVIEW LETTERS	Vol 113, No. 3, 033001 (7/2014)	1079-7114 (online), 0031-9007 (print)
88	T. N. Bien, W. H. Gu, L. H. Bac, and J. C. Kim	Preparation and Characterization of Copper-Graphite Composites by Electrical Explosion of Wire in Liquid	J. Nanosci. Nanotechnol	Vol. 14 (2014), 8750-8755	1533-4880
<b>Viện Cơ khí</b>					
89	<b>Minh-Quy Le &amp; Danh-Truong Nguyen:</b> Đại học Bách Khoa Hà Nội, Viện Cơ khí, B/m Cơ học vật liệu & kết cấu	The role of defects in the tensile properties of silicene	Applied Physics A: Materials Science & Processing	vol. 118, issue 4, p. 1437–1445, tháng 3/2015	0947-8396
90	<b>Minh-Quy Le &amp; Danh-Truong Nguyen</b>	Determination of elastic properties of hexagonal sheets by atomistic finite element method	Journal of Computational and Theoretical Nanoscience	vol. 12, issue 4; p. 566-574; tháng 4/2015	1546-1955
91	<b>Minh-Quy Le</b>	Prediction of Young's modulus of hexagonal monolayer sheets based on molecular mechanics	International Journal of Mechanics and Materials in Design	vol. 11, issue 1, p. 15-24, tháng 3/2015	1569-1713
92	<b>Minh-Quy Le</b>	Size effects in mechanical properties of boron nitride nanoribbons	Journal of Mechanical Science and Technology	vol. 28 issue 10, p.4173-4178, tháng 10/2014	1738-494X
93	<b>Minh-Quy Le &amp; Danh-Truong Nguyen</b>	Atomistic simulations of pristine and defective hexagonal BN and SiC sheets under uniaxial tension	Materials Science & Engineering A	vol. 615, p. 481–488, tháng 10 năm 2014	0921-5093
94	<b>Minh-Quy Le</b>	Young's modulus prediction of hexagonal nanosheets and nanotubes based on dimensional analysis and atomistic simulations	Meccanica	vol. 49 issue 7, p. 1709–1719, tháng 7 năm 2014	0025-6455



TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
95	<b>Hai-Le Bui</b> (ĐH Bách Khoa Hà Nội), Cat-Ho Nguyen (Viện Công nghệ thông tin), Nhu-Lan Vu (Viện Công nghệ thông tin), Cong-Hung Nguyen (Cao đẳng nghề kỹ thuật công nghệ)	General design method of hedge algebras-based fuzzy controllers and an application for structural active control	Applied Intelligence, Springer	Tập 43, 2015, 251–275	0924-669X
96	<b>Nguyen Quang Hoang</b> (Trường ĐHBK Hà Nội), Soon-Geul Lee, Jae-Jun Kim, and Byung Soo Kim (ĐH Kyung Hee, Hàn Quốc)	Simple Energy-based Controller for a Class of Underactuated Mechanical Systems	International Journal of Precision Engineering And Manufacturing	Vol. 15, No. 8 (2014)	2234-7593
97	<b>Nguyen Quang Hoang</b> (Trường ĐHBK Hà Nội) Soon-Geul Lee, Hyung Kim and Sang-Chan Moon (ĐH Kyung Hee, Hàn Quốc)	Trajectory planning for overhead crane by trolley acceleration shaping	Journal of Mechanical Science and Technology	28 (7) (2014)	
98	<b>Phuc Hong Pham, Toan Dinh Khac, Lam Bao Dang, Khoa Tuan Nguyen</b> (ĐHBKHN), Dzung Viet Dao (ĐH Griffith)	Micro cam system driven by electrostatic comb-drive actuators based on SOI-MEMS technology	Microsystem Technologies (SCI)	Issue 3, 2015, pp 699-706	0946-7076
99	Nguyen Quang Dich, <b>Phuc Hong Pham</b> (ĐHBKHN), Thien Xuan Dinh, Van Thanh Dau (Mitsubishi Corp.)	Study of valveless electromagnetic micropump by volume-of-fluid and OpenFOAM	Japanese Journal of Applied Physics (SCI)	Vol. 54, 4-2015	0021-4922
100	<b>Do Van Truong, Vuong Van Thanh,</b> Hiroyuki Hirakata, Takayuki Kitamura	Interfacial fatigue fracture criterion of bimaterial in submicron scale	Microelectronic Engineering (SCI)	Vol 140, pp. 23-28, 1 June 2015	1679317
101	<b>Duc-Toan Nguyen</b> (*)	A New Constitutive Model for AZ31B Magnesium Alloy Sheet Deformed at Elevated Temperatures and Various Strain Rates	High Temp. Mater. Proc. 2014; 33(6): 499 – 508 DOI 10.1515/htmp-2013-0109	tháng 12/2014	ISSN (Online) 2191-0324, ISSN (Print) 0334-6455

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
102	Tran Xuan Bo, WH Khaing, H Endo, H Yanada	Effect of friction model on simulation of hydraulic actuator	Journal of Systems and Control Engineering	Vol. 228, No. 9, 2014	0959-6518
<b>Viện Dệt may, DG&amp;TT</b>					
103	Sunatda Arayachukiat (1), Vu Anh Doan (1,2), Tatsuya Murakami (3), Shogo Nobukawa (1) and Masayuki Yamaguchi (1)	Autonomic self-healing of poly(vinyl butyral)	Journal of Applied Polymer Science, Wiley Publisher	Volume 132, Issue 22, June 10, 2015	1097-4628
104	T.P.T Tran (ĐHBK HN), J.C. Benezet (ĐH Mỏ Ales Pháp) A. Bergeret (ĐH Mỏ Ales Pháp).	Rice and Einkorn wheat husks reinforced poly(lactic acid) (PLA) biocomposites : Effects of alkaline and silane surface treatments of husks.	Tạp chí Industrial Crops and Products, 2014.	Số 58, tháng7/2014	0926-6690
<b>Viện ITIMS</b>					
105	Vu Thu Hien, Nguyen Duc Minh and Vu Ngoc Hung	Synthesis and characterizations of sol-gel-derived LaNiO <sub>3</sub> thin-film electrodes on Si substrates	Int. J. Nanotechnol.	Vol. 12, Nos. 5/6/7, 2015	1475-7435
106	Thi Luyen Tran, Thi Xuan Chu, Dang Chinh Huynh, Duc Thanh Pham, Thi Hoai Thuong Luu, Anh Tuan Mai	Effective immobilization of DNA for development of polypyrrolenanowires based biosensor	Applied surface science	314 (2014)	0169-4332
107	Mai Anh Tuan, Duc Thanh Pham, Thi Xuan Chu, Nguyen Minh Hieu & Nguyen Hoang Hai	Highly sensitive DNA sensor based on polypyrrole nanowire	Applied surface science	309 (2014)	0169-4332
108	Minh Hai Le, Louis Fradetal, Didier Delabouglise, Anh Tuan Mai and Valerie Stambouli	Fluorescence and Label Free Impedimetric DNA Detection on SnO <sub>2</sub> Nanopillars	Electroanalysis	27 (2015)	1521-4109
109	Bui Dai Nhan and Mai Anh Tuan	Electrochemical synthesis of polypyrrole for biosensor application, Int. J. Nanotechnology	Int. J. Nanotechnology	10 (2013)	1475-7435

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
110	Nguyen Ngoc Ha, Mai Anh Tuan, Dang Xuan Thu, Luong T. Thu Thuy	Theoretical Study on Ru <sup>2+</sup> , Cu <sup>+</sup> , and Fe <sup>2+</sup> Complexes Toward the Application in Dye Sensitized Solar Cell	Journal of Solar Energy Engineering	APRIL 2015, Vol. 137	0199-6231
111	N. V. Long (Shanghai Institute of Ceramics), Y. Yang (Shanghai Institute of Ceramics), C. M. Thi (ĐH Công nghệ TPHCM), B. T. Hang (Viện ITIMS, ĐHBKHN), Y. Cao (Shanghai Institute of Ceramics), M. Nogami (Toyota Physical and Chemical Research Institute)	Controlled synthesis and characterization of iron oxide micro-particles for Fe-air battery electrode material	Colloid and Polymer Science	293(2015) 49-63	0303-402X
112	Hammad Nazeer(1), Minh D. Nguyen(2), Ozlem Sardan-Sukas(1), Guus Rijnders(1), Leon Abelmann(1), Miko C. Elwenspoek(1); (1): University of Twente, Netherlands; (2): ITIMS-HUST, Vietnam;	Compositional Dependence of the Young's Modulus and Piezoelectric Coefficient of (110) Oriented Pulsed Laser Deposited PZT Thin Films	Journal of Microelectromechanical Systems	Vol. 24, pp. 166-173, 02/2015.	1057-7157
113	Bui Quang Thanh Ngo Ngoc Ha Tran Ngoc Khiem Nguyen Duc Chien, ITIMS Trường Đại học Bách khoa Hà Nội	Correlation between SnO <sub>2</sub> nanocrystals and optical properties of Eu <sup>3+</sup> ions in SiO <sub>2</sub> matrix: Relation of crystallinity, composition, and photoluminescence	Journal of Luminescence	Volume 163, July 2015, Pages 28–31	
114	Luong Ngoc Anh, To Thanh Loan, Nguyen Phuc Duong, Dao Thi Thuy Nguyet, Than Duc Hien	Single phase formation, cation distribution and magnetic characterization of coprecipitated nickel-zinc ferrites	Analytical Letters	May-15	ISSN: 0003-2719 print/1532-236X online DOI:10.1080/00032719.2014.1003430
115	Tran Thi Viet Nga, Nguyen Phuc Duong, To Thanh Loan, Than Duc Hien	Key step in the synthesis of ultrafine strontium ferrite powders (SrFe <sub>12</sub> O <sub>19</sub> ) by sol-gel method	Journal of Alloys and Compounds	Apr-14	0925-8388

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
116	Nguyen Tuan Anh, Nguyen Anh Tuan*, Nguyen Tuyet Nga, Nguyen Anh Tue, Giap Van Cuong	Effect of thermal annealing on the ac impedance of Co(75)/Al <sub>2</sub> O <sub>3</sub> (2.3)/Co(5.0)/Al <sub>2</sub> O <sub>3</sub> (2.3)/Co(50) double-barrier MTJs.	Current Appl. Phys.	14 (2014) 1389-1395	1567-1739
117	Giap Van Cuong, Nguyen Tuan Anh, Nguyen Anh Tuan*	Diode-like behavior of I-V curves of CoFe-(Al-O)/Si(100) granular thin films.	J. Magn. Magn. Mater.	374 (2015) 463-468.	0304-8853 by SCI
118	Phung Thi Hong Van, Nguyen Hoang Thanh, Vu Van Quang, Nguyen Van Duy, Nguyen Duc Hoa, Nguyen Van Hieu*,	Scalable fabrication of high-performance NO <sub>2</sub> gas sensors based on tungsten oxide nanowires by on-chip growth and RuO <sub>2</sub> -functionalization	ACS Applied Materials & Interfaces 6 (2014) 12022-12030.	2014	1944-8244
119	Vu Van Quang, Nguyen Van Dung, Ngo Si Trong, Nguyen Duc Hoa, Nguyen Van Duy, Nguyen Van Hieu*	Outstanding gas-sensing performance of graphene/SnO <sub>2</sub> Schottky junction	Applied Physics Letters 105 (2014) 013107	2014	0003-6951
120	Nguyen Duc Chinh, Nguyen Van Toan, Vu Van Quang, Nguyen Van Duy, Nguyen Duc Hoa, Nguyen Van Hieu*	Comparative NO <sub>2</sub> gas sensing performance of the self-heated individual, multiple and networked SnO <sub>2</sub> nanowire sensors fabricated by a simple process	Sensors and Actuators B 201 (2014) 7-12.	2014	0925-4005
121	Pham Van Tong, Nguyen Duc Hoa*, Nguyen Duc Quang, Nguyen Van Hieu*,	Tungsten oxide urchin-flowers and nanobundles: Effect of synthesis conditions and heat treatment on assembly and gas-sensing characteristics	Science of Advanced Materials, 6 (2014) 1081-1090	2014	1947-2935

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
122	Dang Thi Thanh Le, S. Iannotta, Nguyen Van Hieu, C. Corradi, Tran Quang Huy, M. Pola and M.Tonezzer*,	ZnO-C microfiber hybrid nanosensor for liquefied petroleum gas detection	J. Nanoscience and Nanotechnology, 14 (2014) 5088-5094	2014	1533-3880
123	Hoang Van Han, Nguyen Van Hieu, Tran Trung*,	A simple method for production of high aspect ratio ZnO nanowires with uniform structure for NO <sub>2</sub> gas sensors	Science Advanced Materials 6 (2014) 1659-1667.	2014	1947-2935
124	Lam Van Nang, Nguyen Duc Hoa*, Cao Van Phuoc, Chu Thi Quy, Pham Van Tong, Nguyen Van Duy, Nguyen Van Hieu*,	Scalable preparation of graphene: Effect of synthesis methods on materials	Science Advanced Materials 7 (2015) 1013-1020	2015	1947-2935
125	Vu Van Quang*, Nguyen Duc Hoa, Nguyen Van Duy, Nguyen Ngoc Trung, Nguyen Van Hieu	Abnormal electrical properties and enhanced gas-sensing performance of grapheme/Si Schottky junction	Sensor Letters 13 (2015) 381-386	2015	1546-198X
126	Do Thanh Viet, Nguyen Van Hieu, Vu Dinh Lam, Nguyen Thanh Tung	Isotropic metamaterials absorber using cut wires-pair structures", Applied Physics Express	Applied Physics Express, 8 (2015) 032001-3	2015	1882-0768
127	Le Thi Lanh, Tran Thai Hoa*, Nguyen Duc Cuong, Dinh Quang Khieu, Duong Tuan Quang, Nguyen Van Duy, Nguyen Duc Hoa, Nguyen Van Hieu*,	Shape and size controlled synthesis of Au nanorods: H <sub>2</sub> S gas-sensing characterizations and antibacterial application	J. Alloys and Compounds, 635 (2015) 265-271.	2015	0925-8388
128	Pham Van Tong, Nguyen Duc Hoa*, Nguyen Van Duy, Nguyen Van Hieu*,	Micro-wheels composed of self-assembled tungsten oxide nanorods for highly sensitive detection of low level toxic chlorine gas	RSC Advances 5 (2015) 25204-25207	2015	2046-2069
129	Nguyen Duc Hoa*, Nguyen Van Duy, Sherif A. El-Safty and Nguyen Van Hieu*,	Meso-/Nanoporous semiconducting metal oxide for gas sensor application	Journal of Nanomaterials 2015 (2015) 1-14.	2015	1687-4110

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
130	Vu Van Quang, Vu Ngoc Hung, Le Anh Tuan, Vu Ngoc Phan, Tran Quang Huy, Nguyen Van Quy*	Graphene-coated quartz crystal microbalance for detection of volatile organic compounds at room temperature	Thin Solid Films	568 (2014) 6-12	0040-6090
131	Ngo Xuan Dinh, Le Anh Tuan, Nguyen Van Quy*	Room temperature volatile organic compound sensor based on functional multi-wall carbon nanotubes coated quartz crystal microbalance	Sensor Letters	13 (2015) 449-455	1546-198X
132	Matteo Tonezzer, Dang Thi Thanh Le, Nicola Bazzanella, Nguyen Van Hieu, Salvatore Iannotta	Comparative gas-sensing performance of 1D and 2D ZnO nanostructures	Sensors and Actuators B	220 (2015)	
<b>Viện KH&amp;KT Vật liệu</b>					
133	<b>Minh Hai Le (HUST)</b> , Carmen Jimenez, Eric Chainet and Valerie Stambouli	A Label-Free Impedimetric DNA Sensor Based on a Nanoporous SnO <sub>2</sub> Film: Fabrication and Detection Performance	Sensors	Volume 15, Issue 5, 2015, pp. 10686-10704	1424-8220
134	<b>Tran Duc Huy (HUST)</b> , Hiroshi Fujiwara, Reo Yoshida, Do Thanh Binh and Hiroyuki Miyamoto	Microstructure and Mechanical Properties of TiAl <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> in situ composite by combustion Process	Materials Transactions	Vol. 55 (2014), No. 7 pp. 1091-1093	1345-9678
135	Nguyen Van Thuong, Hussain Zuhailawati, Anasyia Abu Seman, <b>Tran Duc Huy (HUST)</b>	Effect of processing Parameters on Microstructure Evolution of Al-7Si-Mg alloy by cooling slope casting	Materials Engineering and performance	Volume 24, Issue 5, pp 2108-2116	1059-9495
136	Nguyen Van Thuong, Hussain Zuhailawati, Anasyia Abu Seman, <b>Tran Duc Huy (HUST)</b> , Brij Kumar Dhindaw	Microstructure evolution and wear characteristic of equal channel angular pressing processed semi-solid cast hypoeutectic aluminum alloys	Materials and Design	Volume 67, 15 February 2015, Pages 448-456	0261-3069

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
<b>Viện KH&amp;CN Môi trường</b>					
137	Hoang Xuan Co (ĐHKHTN), <b>Nghiêm Trung Dung (ĐHBKHN)</b> , Nguyen Thi Kim Oanh (AIT), Nguyen Thanh Hang (AIT), Nguyen Hong Phuc (AIT), Hoang Anh Le (ĐHKHTN).	Levels and Composition of Ambient Particulate Matter at a Mountainous Rural Site in Northern Vietnam.	Aerosol and Air Quality Research	Vol. 14, No. 7: 1917-1928, 2014	ISSN: 1680-8584 print/2071-1409 online
138	Gert Everaert, Jan De Neve, Pieter Boets, Luis Dominguez-Granda, Seid Tiku Mereta, Argaw Ambelu, <b>Thu Huong Hoang (HUST)</b> , Peter L. M. Goethals, Olivier Thas	Comparison of the Abiotic Preferences of Macroinvertebrates in Tropical River Basins	PLoS ONE	Số 9/2014 – issue 10	eISSN-1932-6203
139	Tien Hanh Nguyen, Pieter Boets, Koen Lock, Ambarita, Forio, Peace , Granda, <b>Thu Huong Thi Hoang (HUST)</b> , Everaert, Goethals	Habitat suitability of the invasive water hyacinth and its relation to water quality and macroinvertebrate diversity in a tropical reservoir	Limnologica - Ecology and Management of Inland Waters	Volume 52, May 2015, Pages 67–74	0075-9511
140	<b>Hà Vĩnh Hưng (ĐHBKHN)</b> , <b>Huỳnh Trung Hải</b> - ĐHBK HN. Jae-chun Lee, Jinki Jeong, B.D. Pandey - KIGAM	Optimizing the thiosulfate leaching of gold from printed circuit boards of discarded mobile phone	Hydrometallurgy	149, 2014	0304-386x
<b>Viện KH&amp;CN Nhiệt - Lạnh</b>					
104	<b>Lại Ngọc Anh</b> , Hanoi University of science and technology	Thermodynamic properties of HFO-1243zf and their application in study on a refrigeration cycle	Applied Thermal Engineering	70 (2014), 1-6	1359-4311
<b>TT Polyme</b>					
142	<b>Vu Manh Cuong</b> , <b>Nguyen Viet Thai - Vien KTQS</b> , <b>Nguyen Thanh Liem-TT Polyme</b> , <b>Choi HJ-Inha University (Korea)</b>	Effect of Additive-added Epoxy on Mechanical and Dielectric Characteristics of Glass Fiber Reinforced Epoxy Composites	Polymer (Korea)	Vol. 38, number 6, 11/2014	0379-153X

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
143	<b>Rong Lu (1), Kenichiro Anzai (1) Bach Trong Phuc (2), and Tetsuo Miyakoshi (1).</b> 1: Department of Applied Chemistry, School of Science and Technology, Meiji University, Kawasaki, Japan. 2: Research Center for Polymer Materials, Hanoi University of Science and Technology, Hanoi, Vietnam	Characterization of Vietnamese Lacquer Collected in Different Seasons	International Journal of Polymer Science	Volume 2015	1687-9422 (Print) 1687-9430 (Online)
<b>Viện CNSH-CNTTP</b>					
144	Thi-Nhan Khieu, Min-Jiao Liu, Salam Nimaichand, Ngoc-Tung Quach, <b>Son Chu-Ky</b> , Quyet-Tien Phi, <b>Thu-Trang Vu</b> , Tien-Dat Nguyen, Zhi Xiong, Manik Prabhu Deene and Wen-Jun Li	Characterization and evaluation of antimicrobial and cytotoxic effects of <i>Streptomyces</i> sp. HUST012 isolated from medicinal plant <i>Dracaena cochinchinensis</i> Lour	Frontiers in Microbiology	số 6,(doi:10.3389/fmicb.2015.00574), 2015	ISSN: 1664-302X
145	Raju Rajasabapathy, Chellandi Mohandass, Jung-Hoon Yoon, Syed Gulam Dastager, Qing Liu, Thi-Nhan Khieu, <b>Chu-Ky Son</b> , Wen-Jun Li and Ana Colaco	<i>Vitellibacter nionensis</i> sp. nov., isolated from a shallow water hydrothermal vent	International Journal of Systematic and Evolutionary Microbiology	số 65, trang 692–697, năm 2015	Print ISSN: 1466-5026 Online ISSN: 1466-5034
146	Raju Rajasabapathy, Chellandi Mohandass, Jung-Hoon Yoon, Syed Gulam Dastager, Qing Liu, Thi-Nhan Khieu, <b>Chu-Ky Son</b> , Wen-Jun Li, and Ana Colaco	<i>Nioella nitratireducens</i> gen. nov., sp. nov., a novel member of the family Rhodobacteraceae isolated from Azorean Island	Antonie van Leeuwenhoek	số 107, trang: 589–595, năm 2015	ISSN: 0003-6072 (Print) 1572-9699 (Online)
147	Hua-Qi Pan, Juan Cheng, Dao-Feng Zhang, Su-Ya Yu, Thi-Nhan Khieu, <b>Son Chu-Ky</b> , Zhao Jiang, Jiang-Chun Hu and Wen-Jun Li	<i>Streptomyces bohaiensis</i> sp. nov., a novel actinomycete isolated from <i>Scomberomorus niphonius</i> in the Bohai Sea	The Journal of Antibiotics	trang 1-7, năm 2014	ISSN: 0021-8820 EISSN: 1881-1469
148	Sarter, Samira, <b>Phu-Ha Ho</b> , and <b>Kim Anh To</b> .	Current context of food safety in Vietnam: a glance at food of animal origin.	Quality Assurance and Safety of Crops & Foods,	2015, 7(1): 57-62.	Print ISSN: 1757-8361; Online ISSN: 1757-837X



TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
149	<b>Vu Thu Trang, Nguyen Thi Hao, Vu Hong Son, Ho Phu Ha,</b> Hiroyuki Ukeda, Tomoko Shimamura	Optimization of the process parameters for the formation of aminoreductone in the Maillard reaction using desirability methodology	Italian Journal of Food Science	27 (3), 2015, 1-8	ISSN: 1120-1770
150	Hiroaki Takeuchi, <b>Vu Thu Trang,</b> Norihito Morimoto, Yoshie Nishida, Yoshihisa Matsumura, Tetsuro Sugiura	Natural products and food components with anti Helicobacter pylori activities	World J Gastroenterol 2014 July 21; 20(27): 8971-8978.	Vol 20, No 27 (2014),8971-8978	ISSN1007-9327 (print) ISSN 2219-2840 (online)
151	Nga-Thi-Thanh Trinh, Emilie Dumas, <b>Mai Le Thanh,</b> Pascal Pd Degraeve, Chedia Ben Amara, Adem Gharsallaoui, Nadia Oulahal	Effect of a Vietnamese Cinnamomum cassia essential oil and its major component trans-cinnamaldehyde on the cell viability, membrane integrity, membrane fluidity, and proton motive force of Listeria innocua,	Canadian Journal of Microbiology	61 (4): 263-271, 2015	ISSN 0008-4166, Online ISSN: 1480-3275
152	Le Duy Khuong, Ryuichiro Kondo, Rizalinda De Leon, <b>To Kim Anh,</b> Sadatoshi Meguro <sup>d</sup> , Kuniyoshi Shimizu, Ichiro Kamei (ĐHBK HN, UP Philippines, ĐH Kyushu, Nhật bản)	Effect of chemical factors on the integrated fungal fermentation of sugarcane bagasse for ethanol production by a white-rot fungus, Phlebia sp. MG-60	Bioresource Technology	Volume 167, September 2014, Pages 33–40	ISSN-09608524
153	D. De Medici, T. Kuchta, R. Knutsson, A. Angelov, B. Auricchio, M. Barbanera, C. Diaz-Amigo, A. Fiore, E. Kudirkiene, A. Hohl, D. Horvatek Tomic, V. Gotcheva, B. Popping, E. Prukner-Radovic, S. Scaramaglia, P. Siekel, <b>K.A. To,</b> M. Wagner	Rapid Methods for Quality Assurance of Foods: the Next Decade with Polymerase Chain Reaction (PCR)-Based Food Monitoring	Food Analytical Method	(2015), 8, 255-271	ISSN: 1936-9751 (Print) 1936-976X (Online)

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
154	Kuchta T <sup>1</sup> , Knutsson R, Fiore A, Kudirkiene E, Höhl A, Horvatek Tomic D, Gotcheva V, Pöpping B, Scaramagli S, <b>To Kim A</b> , Wagner M, De Medici D	A decade with nucleic acid-based microbiological methods in safety control of foods	Lett Appl Microbiol	2014 Sep;59(3):263-71	1742-765X
155	<b>Tien-Thanh Nguyen</b> , Hoang-Minh Nguyen, Barbara Geiger, Geir Mathiesen, Vincent GH Eijssink, Clemens K Peterbauer, Dietmar Haltrich and Thu-Ha Nguyen	Heterologous expression of a recombinant lactobacillal $\beta$ -galactosidase in Lactobacillus plantarum: effect of different parameters on the sakacin P-based expression system	Microbial cell factories	12/2015; 14(1):214.	1475-2859 (Online)
156	<b>Truong Quoc Phong, Do Thi Thu Ha</b> , Uwe Volker, Elke Hammer	Using a Label Free Quantitative Proteomics Approach to Identify Changes in Protein Abundance in Multidrug-Resistant Mycobacterium tuberculosis	Indian J Microbiol	5(2), 2015	0046-8991/0973-7715
<b>Viện Điện</b>					
157	<b>Tran Hoai Linh</b> , Nguyen Duc Thao, Pham Van Nam	A hardware implementation of intelligent ECG classifier	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	Vol. 34(3), 2015, pp. 905-919	0332-1649, DOI 10.1108/COMPEL-05-2014-0119
158	<b>Tran Hoai Linh</b> , Pham Van Nam, Vuong Hoang Nam	Multiple Neural Network Integration Using a Binary Decision Tree to Improve the ECG Signal Recognition Accuracy	International Journal of Applied Mathematics and Computer Science (AMCS)	Vol. 24, No. 3, 10/2014, pp. 647 - 656	1641-876X
159	<b>Minh Thuy Le, Quoc Cuong Nguyen</b> , Tan Phu Vuong	Design of High-gain and Beam Steering Antennas Using a New Planar Folded-Line Metamaterial Structure	International Journal of Antenna and Propagation	Vol. 2014	DOI: 10.1155/2014/302580

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
160	<b>Dinh Hoa Nguyen</b>	A sub - optimal consensus design for multi - agent system based on hierarchical LQR	Automatica	No 55, 5/2015, pp. 88-94	0005 - 1098
161	<b>Nguyễn Tùng Lâm</b> , Khắc Duc Do, Jie Pan	Global Stabilization Of Marine Risers With Varying Tension And Rotational Inertia	Asian Journal of Control	No. 1, Vol. 17, 1-2015	1561-8625
	<b>Viện AIST</b>				
162	Phuong Dinh Tam <sup>1</sup>	Genetically modified organism (GMO) detection by biosensor based on SWCNT material	Current Applied Physics	Volume 15, 03/2015	1567-1739
163	Thanh-Tung Duong <sup>1</sup> , Ta Quoc Tuan <sup>1</sup> , Dang Viet Anh Dung <sup>2</sup> , Nguyen Van Quy <sup>2</sup> , Dinh-Lam Vu, Man Hoai Nam, Nguyen Duc Chien <sup>2</sup> , Soon-Gil Yoon, Anh-Tuan Le <sup>1</sup>	Application of polyaniline nanowires electrodeposited on the FTO glass substrate as a counter electrode for low cost dye-sensitized solar cells	Current Applied Physics	Volume 14, p1607 12/2014	1567-1739
164	Nguyen Thi Lan <sup>1</sup> , Do Thi Chi <sup>1</sup> , Ngo Xuan Dinh <sup>1</sup> , Nguyen Duy Hung <sup>1</sup> , Hoang Lan <sup>1</sup> , Pham Anh Tuan <sup>1</sup> , Le Hong Thang <sup>2</sup> , Nguyen Ngoc Trung <sup>2</sup> , Nguyen Quang Hoa, Tran Quang Huy, Nguyen Van Quy <sup>2</sup> , Thanh-Tung Duong, Vu Ngoc Phan <sup>1</sup> , Anh-Tuan Le <sup>1*</sup>	Photochemical decoration of silver nanoparticles on graphene oxide nanosheets and their optical characterization	Journal of Alloys and Compounds	Volume 615, p843 05/12/2014	0925-8388
165	Ngô Xuân Đình <sup>1</sup> , Đỗ Thị Chi <sup>1</sup> , Nguyễn Thị Lan <sup>1</sup> , Hoàng Lan <sup>1</sup> , Hoàng Văn Tuấn, Nguyễn Văn Quý <sup>2</sup> , Vũ Ngọc Phan <sup>1</sup> , Trần Quang Huy, Anh-Tuan Lê <sup>1</sup>	Water-dispersible silver nanoparticles-decorated carbon nanomaterials: Synthesis and enhanced antibacterial activity	Applied Physics A	Volume 119, p85 15/01/2015	Bản in: 0947-8396  Bản điện tử: 1432-0630

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
166	Ngo Xuan Dinh <sup>1</sup> , Nguyen Van Quy <sup>2</sup> , Tran Quang Huy, Anh-Tuan Le <sup>1</sup>	Decoration of silver nanoparticles on multiwalled carbon nanotubes: Antibacterial Mechanism and Ultrastructural Analysis	Journal of Nanomaterials	Volume 2015, Article ID 814379, 10/02/2015	Bản in: 1687-4110  Bản điện tử: 1687-4129
167	Thanh-Tung Duong <sup>1</sup> , Yun-Jeong Kim, Ji-Ho Um, Jin-Seok Choi, Anh-Tuan Le <sup>1</sup> , and Soon-Gil Yoon	Enhancement of Solar Cell Efficiency using Perovskite Dyes Deposited via a TwoStep Process	RSC Advances	Volume 5, p33515 30/03/2015	2046-2069
168	T. A. Ho, T. D. Thanh, Yikyung Yu, D. M. Tartakovsky, T. O. Ho, P. D. Thang, Anh-Tuan Le <sup>1</sup> , The-Long Phan, S. C. Yu	Critical behavior and magnetocaloric effect of Pr <sub>1-x</sub> CaxMnO <sub>3</sub>	Journal of Applied Physics	Volume 117, 17D12 07/05/2015	0021-8979
169	T. L. Phan, N.H. Dan, P. T. Thanh, N.T. Mai, T.A. Ho, S. C. Yu, A.T. Le <sup>1</sup> , M.H. Phan	Magnetic Properties and Magnetocaloric Effect in Fe <sub>90-x</sub> Sn <sub>x</sub> Zr <sub>10</sub> Alloy Ribbons	Journal of the Korean Physical Society	Volume 66, p1247 04/2015	0374-4884
170	H. Anh Le <sup>2</sup> , D. Chien Nguyen <sup>2</sup> and V. Nam Do <sup>1</sup>	Anomalous confined electron states in graphene superlattices	Applied Physics Letters	Vol. 105, pp. 013512 07/07/2014	1077-3118
171	H. Anh Le, S. Ta Ho, D. Chien Nguyen and V. Nam Do <sup>1</sup>	Optical properties of graphene superlattices	Journal of physics: condensed matters	Vol. 26, pp. 405304 17/09/2014	0953-8984
172	D.Q. Trung <sup>1</sup> , N.T. Tuan, H.V. Chung, P.H. Duong, P.T. Huy <sup>1</sup>	On the origin of green emission in zinc sulfide nanowires prepared by a thermal evaporation method	Journal of Luminescence	Vol. 153, p. 321–325 9/2014	0022-2313
173	Pham Van Tuan <sup>2</sup> , Chu Anh Tuan, Tran Thanh Thuy, Vu Binh Nam, Pham Toan Thang, Pham Hong Duong, Pham Thanh Huy <sup>1</sup>	Layered structure in core–shell silicon nanowires	Journal of Luminescence	Vol. 154, pp. 46-50 10/2014	0022-2313

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
174	Nguyen Tu <sup>1</sup> , N.T. Tuan, Nguyen Van Dung, N.D. Cuong <sup>1</sup> , N.D.T. Kien <sup>1</sup> , Huy P. T <sup>1</sup> , Nguyen Van Hieu <sup>2</sup> , D.H. Nguyen <sup>1</sup>	Near-infrared emission from ZnO nanorods grown by thermal evaporation	Journal of Luminescence	Vol. 156, pp.199-204 12/2014	0022-2313
175	Vuong-Hung Pham <sup>1</sup> , Pham Thanh Huy <sup>1</sup>	Strong luminescence from nanoporous Si with high degree of nanoporous structure by electrochemical etching of Si wafer	Materials Letters	Vol 142, pp.126-129 1/3/2015	0167-577X
176	Nguyễn Duy Cường <sup>1</sup> , Seigo Ito, Đặng Việt Anh Dũng <sup>2</sup>	Effects of annealing conditions on crystallization of the CZTS absorber and photovoltaic properties of Cu(Zn,Sn)(S,Se) <sub>2</sub> solar cells	Journal of Alloys and Compounds	Vol. 632, pp. 676–680 25/5/2015	0925-8388
177	Vuong-Hung Pham <sup>1</sup> , Nguyen Ngoc Trung <sup>2</sup>	Luminescence of europium doped silicon-substituted hydroxyapatite nanobiophosphor via coprecipitation method	Materials Letters	Vol 136, pp.359-361 1/12/2014	0167-577X
178	Cao Xuan Thang <sup>1</sup> , Vuong-Hung Pham <sup>1</sup>	Luminescence from micro-/nano-scale anodic aluminium oxide containing electrochemical etching derived nanoporous silicon	Materials Letters	Vol 146, pp.55-58 1/5/2015	0167-577X
179	Jun-Jeong Kim, Duong-Thanh Tung <sup>1</sup> , Hyung-Jin Choi, Byeong-J u Park, Ji-Ho Eom, Kyung-Soo Kim , Jong -Ryul Jeong and Soon- Gil Yoon	Enhanced reproducibility of the high efficiency perovskite solar cells via a thermal treatment	RSC Advances	Volume 5, p52571 09/06/2015	2046-2069

TT	Họ và tên các tác giả, đơn vị	Tên bài báo	Tạp chí, Proceedings		
180	Nguyen Viet Hung <sup>1</sup> , Marek Trippenbach , Eryk Infeld, Boris A. Malomed	Spatial control of the competition between self-focusing and self-defocusing nonlinearities in one- and two-dimensional systems.	Physical Review A	Vol. 90, pp.023841, 08/2014	1050-2947
181	Đoàn Quảng Trị <sup>1</sup> , Abdelillah EL HDIY	The effects of an uncapped nanocrystal on a simulated induced current collected by a nano-contact	Journal of Applied Physics	Vol. 117, pp. 115704 21/3/2015	0021-8979
182	Le Thi-Thu Huong, Wolfgang Hofmeister, Tobias Häger, Stefanos Karamelas, Nguyen Duc-Trung Kien <sup>1</sup>	A Preliminary Study on the Separation of Natural and Synthetic Emeralds Using Vibrational Spectroscopy	Gems and Gemmology	Vol. 50, pp. 287 1/10/2014	0016-626X









=

























































