

**DANH MỤC BÀI BÁO KHOA HỌC ĐĂNG TRONG TẠP CHÍ QUỐC TẾ
CỦA CÁN BỘ TRƯỜNG ĐH BÁCH KHOA HÀ NỘI NĂM HỌC 2014-2015**

STT	Họ và tên các tác giả	Tên bài báo	Tạp chí		
			Tên tạp chí	Số tạp chí, Thời gian xuất bản	Chỉ số ISSN
1	Quang-Minh Nguyen, Tuan-Dung Cao	A novel approach for automatic extraction of semantic data about football transfer in sport news	International Journal of Pervasive Computing and Communications	Vol 11, No2 2015	1742-7371
2	Huynh Thi Thanh Binh, Ngo Hong Son	All Capacities Modular Cost Survivable Network Design Problem using Genetic Algorithm with Completely Connection Encoding	Human-centric Computing and Information Sciences	Vol 4 (13) 2014	2192-1962
3	Nguyen Minh Quy, Huynh Quyet Thang, Ho Khanh Lam	Analysis of Effectiveness of Communication Overhead in the Parallel Computing System Using Stochastic Colored Petri Nets	American Journal of Networks and Communications	2014/3 (3) , 7/2014	2326-8964
4	Nguyen Hung-Cuong, Huynh Quyet-Thang, Le Hai-Trieu	Different Ranking of NHPP Software Reliability Growth Models with Generalised Measure and Predictability	International Journal of Applied Information Systems	Vol 7, No 11 11/2014	2249: 0868
5	Dvoenko S.D., Sang D.V.	Evaluation of parametric acyclic Markov models for dependent objects	Journal of Machine Learning and Data	Tom 1, No8, 2014	2223-3792
6	Huynh Thi Thanh Binh	Multi-objective genetic algorithm for solving Multi-layer optical survivable network design problem	Journal of Convergence	Vol 5, No 1, 2014	2093-7741

7	T.X. Le Nhat, T. Truong Nguyen, Khanh-Van Nguyen	Robust and Efficient Custom Routing for Interconnection Networks with Distributed Shortcuts	International Journal of Distributed Systems and Technologies (IJ DST).	Vol 5, No4 T10-12/2014	1947-3532
8	Tien Hoa Nguyen (ĐTVT), Thanh Hieu Nguyen, Van Duc Nguyen (ĐTVT), Duyen Trung Ha (ĐTVT), guillaume Gelle, (Hàng năm Khoa)	Second Order Suboptimal Power Allocation for MIMO-OFDM Based Cognitive Radio System	KSII Transactions on Internet and Information Systems (TIIS) (Tập chí SCIE)	8/1/2014 (http://dx.doi.org/10.3837/tiis.2014.08.004)	1976-7277
9	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	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
10	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
11	Tran Hoang Vu, Vu Cong Luc, Nguyen Trung Quan, Tran Thanh, Nguyen Huu Thanh, Pham Ngoc Nam (tất cả	Sleep Mode and Wakeup Method for OpenFlow Switches	Journal of Low Power Electronics (JOLPE)	Vol. 10, Nr. 3, September 2014 (http://dx.doi.org/10.1166/jolpe.2014.1328)	1546-1998

12	Kieu-Ha Phung (Bộ môn HTVT) , Bart Lemmens, Marnix Goossens, Ann Nowe, (VUB, Bỉ), Lan Tran (Bộ môn KTTT), Kris Steenhaut (VUB,	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
13	The Nguyen Manh, Phat Nguyen Huu, and V. Tran-Quang (ĐTVT)	A proposed method to improve quality of image using panorama technology for wsns	British Journal of Mathematics & Computer Science (Accepted, 2015)	Vol. 9(1): pp.40-61, 2015, DOI : 10.9734/BJMCS/2015/17632	2231-0851
14	Hoàng Mạnh Thắng, Nguyễn Tiến Dũng (BMĐT&KTMT, Viện ĐTVT, ĐHBK Hà nội) Huy Nguyen Quang, Tran Quang Hung, Pham Huu Bien (Sinh viên K52, ĐHBK, đã tốt nghiệp) Tony de Souza-Daw (ĐHRMIT Việt nam)	Implementation of Low Cost FGPA Remote Laboratory	ASEAN Engineering Journal (AUN/SEED-Net), Part A: (CIE, EEE, EneE & ME/ManuE pp. 56-76	Vol. 5 No. 1 March 2015	ISSN: 2229-127X
15	Nguyễn Quang Minh (BMĐT&KTMT, Viện ĐTVT, ĐHBK Hà nội) Cao Tuấn Dũng (BM CNPM, Viện CNTT&TT, ĐHBK Hà nội)	A novel approach for automatic extraction of semantic data about football transfer in sport news	International Journal of Pervasive Computing and Communications (IJPCC), pp. 233-252	Vol. 11 Iss:2 2015	ISSN: 1742-7371

16	Nguyen Thanh Loi, Nguyen Nam Hai, Ngo Vu Duc (ĐTVT), Nguyen Hoang Dung (ĐTVT), Thai Nam Son, Đại học Bách khoa Hà Nội	Parallel Architecture for De-Blocking Filter in High Efficiency Video Coding (HEVC)	European Journal of Advances in Engineering and Technology	Vol.2, Issue 5, pp. 38-43, 2015	2394-658X
17	Nguyen Khac Kiem, Huynh Nguyen Bao Phuong, Dao Ngoc Chien	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
18	Nguyen Khac Kiem, Huynh Nguyen Bao Phuong, Quang Ngoc Hieu, Dao Ngoc Chien	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
19	Ha Duyen Trung, Do Trong Tuan (Trường Đại học Bách khoa Hà Nội, Việt Nam) Anh T. Pham (Trường Đại học Aizu, Nhật Bản)	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

20	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 (School of Electronics and Telecommunications, Hanoi University of Science and Technology),	Zero Forcing Beamforming based Coordinated Scheduling Algorithm for Downlink Coordinated Multi-Point Transmission System	IEICE Transactions on Communications	E98-B(No.2) 2/2015	0916-8516
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21	<p>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 (School of Electronics and Telecommunications, Hanoi University of</p>	<p>RESIDUAL DCT MATRIX BASED MPEG-2 TO H.264/AVC INTER TRANSCODING</p>	<p>SYLWAN journal</p>	<p>Volume 2014 8/2014</p>	<p>0039-7660</p>
22	<p>Lei Chen, Ping Wang, Fuqiang Liu (Broadband Wireless Communication and Multimedia Lab, College of Electronics and Information Engineering, Tongji University, Shanghai 201804, P. R. China). Nguyen Ngoc Van (School of Electronics and Telecommunications, Hanoi University of</p>	<p>A Fair QoE-Aware MIMO Scheduling Scheme Based on Dynamic Latency Boundary for Non-Real-Time Service</p>	<p>Journal of Engineering Science and Technology Review</p>	<p>Sep, 2014</p>	<p>1791-2377</p>

23	Duong Van Hoan, Ta Duc Giang, Tran Ngoc Hoan, and P. Nguyen Huu (ĐTVT)	Image Enhancement Combining with View Morphing Technology Applying on Wireless Sensor Network	Journal of Scientific Research & Reports (JSRR)	Vol. 7, No. 6, May 2015	2320–0227
24	Duong Trong Luong (ĐTVT), Nguyen Duc Thuan, Trinh Quang Duc (ĐTVT)	Removal of baseline noise from Electrocardiography (ECG) signal based on time domain approach	International Journal of Biomedical Science and Engineering, USA	Vol. 2, No. 2, 2014 9/2014	ISSN 2376-7235
25	Duong Trong Luong, Nguyen Duc Thuan, Nguyen Minh Duc, Dang Huy Hoang, Nguyen Ngoc Xuan	Design of Electrocardiography Signal Acquisition and Processing Software Module	International Journal of Biomedical Science and Engineering, USA	Vol. 3, No. 2, 2015 4/2015	ISSN 2376-7235
26	Duong Trong Luong, Nguyen Duc Thuan, Nguyen Thai Ha (tất cả từ ĐTVT)	New Design of 12-Lead ECG Simulation Signal System with Simulated Noise Added	International Journal of Soft Computing and Engineering (IJSCE)	Volume-4 Issue-6, January 2015	ISSN 2231-2307
27	Duong Trong Luong (ĐTVT), Nguyen Duc Thuan (ĐTVT), Dang	Removal of Power line Interference from Electrocardiograph (ECG) Using Proposed Adaptive Filter	Global Journal of Computer Science and Technology, USA	Volume XV, Issue I, Version I, 2015	ISSN Online: 0975-4172
28	Bui Quang Huy, Hoang ChuDuc (ĐTVT)	Strategic Business Analysis of Nguyen Kim Electronic Supermarket	International Journal of Science and Research	Volume 3 Issue 8, August 2014	2319-7064
29	Trinh Quang Duc, Trung Dang Thanh, Kien Nguyen Phan, Hoang Chu Duc (tất cả từ ĐTVT)	A Brief Review of Biomedical Optical Imaging towards Clinical Applications	International Journal of Science and Research	Vol 4 No. 3	2319-7064

30	Le Xuan Canh, Kien NguyenPhan (ĐTVT), Hoang ChuDuc (ĐTVT)	Design and Manufacture Electronic Scales for Adult Patients	International Journal of Science and Research (IJSR)	Volume 3 Issue 8, August 2014	2319-7064
31	Le Duc Lich Su, Pham Ba Tuyen, Kien NguyenPhan (ĐTVT), Hoang ChuDuc (ĐTVT)	Multi channels digital electrotherapy for acupuncture DC-12	International Journal of Science and Research (IJSR)	Volume 3 Issue 11, November 2014	2319-7064
32	Nguyen Xuan Quyen (ĐTVT), Vu Van Yem (ĐTVT) and Duong Quang Trung (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.2015, No.1, 2015	1751-8628
33	V.-T. Pham, Ch. K. Volos, S. Vaidyanathan, T. P. Le and V. Y. Vu (ĐTVT)	A Memristor-Based Hyperchaotic System with Hidden Attractors: Dynamics, Synchronization and Circuital Emulating	Journal of Engineering Science and Technology, Special Issue on Synchronization and	Review 4 (1) (4/2014)	1791-2377
34	Hoai Linh Tran, Van Nam Pham, Hoang Nam Vuong (ĐTVT)	Multiple Neural Networks Integration Using Binary Decision Tree to Improve the ECG Signal Recognition Accuracy	the International Journal of Applied Mathematics and Computer Science (AMCS) 2014, Vol. 24, No. 3, pp 647-655	September,2014	ISSN (Online) 2083-8492
35	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

36	Viet-Thanh Pham (ĐTVT), Sajad Jafari, Christos Volos, Xiong Wang, S. Mohammad	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
37	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
38	Tran Đang Quoc	Effects of High Power and Thermal Efficiency on Lean Limit in Direct Injection Natural Gas Fueled Spark	International Journal of Renewable Energy and Environmental	Vol. 3, 1/2015	2348-0157
39	Tran Đang Quoc	Effect of Auxiliary Injection Ratio on the Characteristic of Lean Limit in Early Direct Injection Natural Gas	International Journal of Engineering and Innovative Technology	Vol. 4,1/2015	2277-3754
40	Hoang Thi Kim Dung, Nguyen Phu Khanh and Nakamura Yoshiaki	High swept-back Delta wing flow	Advanced Materials Research	Vol. 1016, 2014	1662-8985
41	Diem P. G., Anh P. H., Khanh N. P., Hung N. P., Hien N. V.	A Hybrid Control Model to Develop the Trajectory-Tracking Controller for a Quadrotor UAV.	Advanced Materials Research.	Vol. 1016, 2014	ISSN: print 1022-6680, ISSN cd
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43	Ngo Van He, Yoshiho Ikeda	Added resistance acting on hull of a Non Ballast Water ship	Journal of Marine Science and Application	Vol. 13, 2014	1993-5048/1671-9433
44	Tran Xuan Bo (Đại Học Bách Khoa Hà Nội), WH Khaing, H Endo, H Yanada (Nhật Bản)	Effect of friction model on simulation of hydraulic actuator	J Systems and Control Engineering	Vol. 228, No. 9, 2014	0959-6518

45	Sunatda Arayachukiat , Vu Anh Doan, Tatsuya Murakami , Shogo Nobukawa and Masayuki Yamaguchi	Autonomic self-healing of poly(vinyl butyral)	Journal of Applied Polymer Science, Wiley Publisher	Volume 132, Issue 22, June 10, 2015	1097-4628
46	T.P.T Tran (<i>ĐHBK HN</i>) , J.C. Benezet (<i>ĐH Mở Ales Pháp</i>) A. Bergeret (<i>ĐH Mở Ales Pháp</i>) .	Rice and Einkorn wheat husks reinforced poly(lactic acid) (PLA) biocomposites : Effects of alkaline and silane surface treatments of	Tạp chí Industrial Crops and Products, 2014.	Số 58, tháng7/2014	0926-6690
47	Do Phuc Tuyen, Do Phuc Quan, Nguyen Hai Binh, Nguyen Van Chuc, Tran Dai Lam, Le Trong Huyen, Nguyen Le Huy (HUST), 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
48	Hoang Duy Vu, Lê-Huy Nguyen (HUST), Tuan Dzung Nguyen, Hai Binh Nguyen, Thai Loc Nguyen, Dai Lam Tran	Anodic stripping voltammetric determination of Cd ²⁺ and Pb ²⁺ using interpenetrated MWCNT/P1,5- DAN as an enhanced sensing interface	Ionics	Feb-15	0947-7047

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51	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

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53	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 ₂ -NiO-Co ₃ O ₄ /Ce _{0.2} Zr _{0.8} O ₂ /Cordierite Three Way Catalyst,	Materials	2 Sep 2014, 7, 6237-6253	1996-1944
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62	Nguyen Quang Hung, Nguyen Viet Cuong, Tran Van Thang and Hoang Thi Kieu Nguyen - School of Chemical Engineering, Hanoi	Preparation of Carboxyl Group Functionalized Magnetite Nanoparticles with High Magnetization	Asian Journal of Chemistry	Vol.26, No. 13(2014),	0970-7077
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64	Lê Quang Diễn- ĐHBKHN; Nguyễn Thị Minh Phương; Phan Huy Hoàng-	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
65	Nguyen Kim Nga (Viện KTHH, Trường ĐHBKHN), Tran Thanh Hoai, Pham Hung Viet (Trung tâm Nghiên cứu và Phát triển Môi trường	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

66	山本祥正*・塩原圭一郎*2. NguyenThuHa*-. PhanTrungNghia*-. 福原吏奈*・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
67	山本祥正*・塩原圭一郎*2PhanTrungNghia*-. 福原吏奈*・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
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69	H. V. Tran, 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	Biosensors and Bioelectronics	62 (2014)25–30 14 June 2014	ISSN 0956-5663
70	Thi Luyen Tran, Thi Xuan Chu, Dang Chinh Huynh, Duc Thanh Pham, Thi Hoai Thuong	Effective immobilization of DNA for development of polypyrrole nanowires based biosensor	Applied Surface Science	314, p. 260–265, 2014	0169-4332
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73	Ho Duc Cuong, Thanh Thi Thu Thuy, Tran Thu Huong, Bui Minh Ly & Tran Thi Thanh Van	Structure and hypolipidaemic activity of fucoidan extracted from brown seaweed <i>Sargassum henslowianum</i>	Natural Product Research	2015, 29(5), 411-415.	ISSN 1478-6419
74	Dinh Thi Phuong Anh, Tran Bach Duong, Vu Dinh Hoang	A new chromone from <i>Hymenocallis littoralis</i> Salisb.(Amaryllidaceae)	Natural Product Research	2014, 1478-6427	ISSN: 1478-6419
75	Do Ngoc Khue(a), Tran Dai Lam(b), Nguyen Van Chat(a), Vu Quang Bach(a), Do Binh Minh(a), Vu Duc Loi(c), Nguyen Van Anh(d) a Institute of Chemistry and Materials, b Academy of Science and Technology, c Institute of Chemistry, Vietnam Academy of Science and	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

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77	Trong-Nghia Nguyen, Putikam Raghunath, and M. C. Lin	A Novel and Facile Decay Path of Criegee Intermediates by Intramolecular Insertion Reactions	J. Chem. Phys.	Vol 141, pp 154313-1-15., 2015	1089-7690
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