

## List of International Science and Technology Journal Articles in 2014

No	Name	Authors	Scientific journal
1	A Novel Event Detection Method for Wireless Sensor Networks	Thuc Kieu-Xuan Sungsoo Choi Insoo Koo	Journal of Sensors, Vol. 2014, May, 2014, DOI: 10.1155/2014/531254 , SCI-E
2	Formal Semantics of Extended Hierarchical State Transition Matrix by CSP: Extended version	Yoriyuki Yamagata, Weiqiang Kong, Akira Fukuda, Nguyễn Văn Tǎng, Hitoshi Ohsaki, Kenji Taguchi	Journal Aspects of Computing (SCI), Volume 26(5), pp. 943-962, Springer-Verlag Publishers, 2014.
3	A numerical study on the underwater explosion bubble pulsation and collapse process.	Nguyễn Anh Tú	Ocean Engineering Journal, Vol. 81, pp 29-38, 2014.
4	Formal Specification Based Automatic Test Generation for Embedded Network Systems	Eun-Hye Choi, Hideaki ishihara, Takahiro Ando, Nguyen Van Tang, Masahiro Aoki, Keiichi Yoshisaka, Osamu Mizuno, Hitoshi Ohsaki	In a special issue of "Software Engineering and Statistical Software Quality Assurance", Journal of Applied Mathematics (SCI), Volume (909762), pp. 1-21, 2014.
5	Hierarchical closeness efficiently predicts disease genes in a directed signaling network	Trần Tiến Dũng Kwon (ĐH Ulsan, Hàn Quốc)	Computational Biology and Chemistry, 9/2014
6	Study the stress in the pile driven in two layers foundation base	Zhang Yi Min, Truong Chi Cong	Energy Education Science and Technology Part A: Energy Science and Research 2014 Volume (issues) 32(5): 3937-3948
7	Sparse Semi-Supervised Support Vector Machines by DC Programming and DCA	Nguyễn Mạnh Cường (co-researcher)	Neurocomputing-2014
8	An Improved Direct Adaptive Fuzzy Controller of Uncertain PMSM for Web-based E-Service System	Chunjie Zhou Duc-Cuong Quach Naixue Xiong Shuang Huang Qi Zhang	IEEE Transactions on fuzzy systems, Page(s): 58 - 71, 2014

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9	A DC programming approach for finding Communities in networks	Nguyễn Mạnh Cường (co-researcher)	Neurocomputing-2014
10	Synthesis of Novel Nanostructured Catalysts for Pyrolysis of Biomass	Phuong T. Dang Hy G. Le Giang T. Pham Hong T. M. Vu Kien T. Nguyen Canh D. Dao Giang H. Le Hoa T. K. Tran Quang K. Nguyen Tuan A. Vu	International journal of Chemical, Nuclear, Metallurgical and Materials Engineering, Vol:8, No:12, 2014
11	Self-Organizing Maps by Difference of Convex functions optimization	Nguyễn Mạnh Cường (co-researcher)	Data Mining and Knowledge Discovery-2014
12	A DC programming approach for sparse linear discriminant analysis	Nguyễn Mạnh Cường (co-researcher)	Advances in Intelligent Systems and Computing, Springer-2014
13	A study on friction and wear properties of Si-incorporated diamond-like carbon and tungsten carbon carbide coating under dry contacts with steel	Trần Đức Quý Phạm Đức Cường Nguyễn Quang Định Kim Doo-in	The 15 <sup>th</sup> International symposium on Eco-materials Processing and Design, 2014.
14	Application of an Embedded System with Android OS to a Fuzzy – based Behavioral Control System of Mobile Robot	Hoàng Tiến Dũng Mai Ngọc Anh Phan Quốc Thắng	2014 IEEE International Conference on Robotics and Biomimetics, Dec. 5 -10, 2014. Bali, Indonesia
15	Micro/nano hierarchical structure for enhancing hydrophobicity of polymeric surface	Trần Đức Quý Phạm Đức Cường Bùi Tiến Sơn Nguyễn Quang Định Yoon Eui-Sung	The 15 <sup>th</sup> International symposium on Eco-materials Processing and Design, 2014
16	A Self-optimizing Control for Intelligent CNC Machine Tools	Hoàng Tiến Dũng Trần Ngọc Hiền Nguyễn Huy Ninh Park Hong Seok	The 7th AUN/SEED-Net Regional conference in mechanical and manufacturing engineering, 141-145, 2014.
17	Design and Manufacturing the Air Rotary Bearing	Vũ Văn Duy - co-researcher	ISEPD 2014; ISBN 978-89-5708-236-2

	Using In Standard Torque Machine		
18	Optimizing cutting conditions in high speed milling using evolution algorithms	Hoàng Tiến Dũng Trần Ngọc Hiền Nguyễn Huy Ninh Trần Văn Địch Nguyễn Thanh Bình	The 7th AUN/SEED-Net Regional conference in mechanical and manufacturing engineering, 146-150, 2014.
19	Ricardo Rodríguez, Nghien N.B, Jiri Bila “Hilbert-Huang Transform and Neural Networks for Electrocardiogram Modeling and Prediction	Nguyễn Bá Nghiễn (Đồng tác giả)	2014 10th International Conference on Natural Computation ICNC 2014, 19 Aug - 21 Aug 2014, Xiamen, China.
20	Improved flame retardant and mechanical properties of polymer composite materials based on epoxy Epikote 240/epoxidized linseed oil by fire-retardant additives	Nguyen Tuan Anh Bach Trong Phuc Tran Vinh Dieu	Proceeding of the 2nd International Conference on Green Technology and Sustainable Development - Volume 1. Ho Chi Minh City, October 30-31, 2014. pp. 168-172.
21	Ammonia Gas Sensitivity of Carbon Nanotubes Grown on Substrates with Interdigital Platinum Electrodes.	Tran Phuc Thanh Duong Vu Truong Nguyen Quang Lich Pham The Kien Nguyen Cong Tu Dang Duc Vuong Luong Huu Bac Nguyen Duc Chien Nguyen Huu Lam	2nd International Conference on Advanced Materials and Nano Technology in 2014 (ICAMN 2014)
22	Establishing a Business Process Reference Model for Universities: A Case Study in Hanoi University of Industry - Vietnam	Hà Xuân Quang Hoàng Anh	Proceeding of conference on Quality Management Asia
23	Study of the Voltage Stability of Distribution Network Connected Induction Machines	Trịnh Trọng Chương Trương Việt Anh	Proceeding of International Conference on Power Systems, Energy, Environment, 22-24 tháng 2 năm 2014
24	Identifying risk factors in PPP Types in Vietnamese Road Infrastructure Development	Thân Thanh Sơn Co-researcher	Proceeding of Conference on “Identifying risk factors in PPP Types in Vietnamese Road

			Infrastructure Development” held in Vietnam in 2014
25	Factors creating industrial groups in Bac Ninh	Vũ Đình Khoa Co-researcher	Proceeding of Conference on “Factors creating industrial groups in Bac Ninh” held in Vietnam in March 2014
26	The effectiveness in foreign debt management using assessment criteria	Nguyễn Thị Nguyệt Dung	Proceeding of Conference on “The effectiveness in foreign debt management using assessment criteria” held in Vietnam in May 2015
27	Effect of Laccol-modified Epoxy (Epolac) on toughness of epoxy resins	N.H.Tran, V.D.Tran, H.T.Dang	Malaysian Journal of Chemistry, Vol. 16. pp. 38-46
28	Improved flame retardant properties of polymers epoxy based on antimony trioxide / chlorinated paraffin	Nguyễn Tuấn Anh, Trần Vĩnh Diệu, Bạch Trọng Phúc	Journal of Materials Science and Engineering A & B (USA).
29	A study on the mixing of polymer based on epoxy resin and Epoxidized linseed oil	Nguyễn Tuấn Anh, Trần Vĩnh Diệu, Bạch Trọng Phúc	International symposium on Eco-materials Processing and Design ISEPD 2014.
30	Mechanical and flame-retardant properties of epoxy resin/MWCNT nanocomposites	Nguyen Quang Tung, Nguyen Tuan Anh, Bach Trong Phuc, Tran Vinh Dieu	A Report at Vietnam Malaysia International Chemical Congress (VMICE 2014)