

List of International Science and Technology Journal Articles in 2015

No	Name	Authors	Scientific journal
1	The Method of Reconfiguration Distribution Network is Consider the Impact of Distributed Generators	Nguyen Tung Linh, Pham Thuong Cat, Trinh Trong Chuong	Jokull journal vol. 65, No. 10, october 2015, 10-26 (Iceland)
2	Fabrication of form-stable poly(ethylene glycol)-loaded poly(vinylidene fluoride) nanofibers via single and coaxial electrospinning	Đặng Thị Thu Nguyễn Thị Thu Thủy Chung Ok Hee Park June Seo	Macromolecular Research, 2015
3	Photoelectrochemical label-free immunoassay of octachlorostyrene based on heterogeneous CdSe/CdS/Pt/TiO ₂ nanotube array	Manh Nguyen Van, Weili Li, Pengtao Sheng, Huan Pham Van, Qingyun Cai	ELSEVIER, Journal of Electroanalytical Chemistry, 736, pp. 69–75, 2015
4	Synthesis and antibacterial and antifungal activities of N-(tetra-O-acetyl- β -d-glucopyranosyl)thiosemicarbazones of substituted 4-formylsydnones	Nguyen Dinh Thanh, Hoang Thanh Duc, Vu Thi Duyen, Nguyen Van Quoc	Chemistry Central Journal 9(1):60 · October 2015
5	Magnetic solid phase extraction and gas chromatography–mass spectrometrical analysis of sixteen polycyclic aromatic hydrocarbons	Ying Cai, Zhihong Yan, Manh NguyenVan, Lijia Wang, Qingyun Cai	ELSEVIER, Journal of Chromatography A, 1406, pp. 40–47, 2015
6	Torsional buckling and post-buckling behaviors of eccentrically stiffened functionally graded toroidal shell segments surrounded by an elastic medium	Dao Huy Bich, Dinh Gia Ninh, Bui Huy Kien	ActaMechanica, Springer, Volume 226, pages 3501-3519, 2015
7	Research of the voltage stability of distribution network connected induction machines	Trinh Trong Chuong, Truong Viet Anh; Tomas Deveikis	Elektronika ir elektrotechnika vol.21, No. 1, 2015
8	A Novel Algorithm for Nonnegative Matrix Factorization	Tran Dang Hien, Do Van Tuan, Pham Van At, Le Hung Son	New Mathematics and Natural Computation (scopus), July 2015, Vol. 11, No. 02, pp. 121-133

9	Acoustic radiation analysis of topographically optimized structure using the direct boundary element method	Chu Khắc Trung	Advances in Mechanical Engineering 2015, Vol. 7(5) 1–12 The Author(s) 2015 DOI: 10.1177/1687814015584279 aime.sagepub.com
10	Robust adaptive trajectory tracking sliding mode control based on neural networks for cleaning and detecting robot manipulators	Pham Van Cuong, Wang Yao nan	Journal of Intelligent and robotic systems, volume 79, issue 1, 101-114, 2015
11	Design Study of Multidirectional Jet Flow for a Triple-Axis Fluidic Gyroscope	Phan Thanh Hòa Đình Xuân Thiện Đậu Thành Văn	IEEE Sensors Journal, Mar.2015, Vol.15, Issue 07, pp.4103-4113.
12	Crystal structure of (2E)-1-(4-hydroxy-1-methyl-2-oxo-1,2-di-hydroquinolin-3-yl)-3-(4-hydroxy-3-methoxyphenyl)prop-2-en-1-one	Peter Mangwala Kimpeden Ngoc Thanh Nguyen Minh Thao Nguyen Quoc Trung Vu Luc Van Meervelt	Acta Cryst. (2015). E71, 424 -426
13	Synthesis and cytotoxic activity of derivatives of 24-nor-lupane-triterpenoid acids isolated from <i>Acanthopanax trifoliatum</i> (L.) Merr..	Nguyen Than Tam Le Thi Hong Nhung Dao Duc Thien Tran Van Chien Tran Van Sung	Chemistry of Natural Compounds, Vol. 51, No. 2, March, 2015
14	Optimization Design for Spur Gear with Stress-Relieving Holes	Pham Van Thoan Guilin Wen Hanfeng Yin Hieu Ld Van Sy Nguyen	International Journal of Computational Methods;DOI: 10.1142/S0219876215500061;Vol. 12, No. 2 (2015) 1550006 (1-11)/(11 pages)
15	Mod-Müllner: An Efficient Algorithm for Hierarchical Community Analysis in Large Networks	Nguyễn Mạnh Cường (Co-researcher)	International Journal of Social Network Mining (IJSNM)-2015
16	Sliding Mode Control Based on Chemical Reaction Optimization and Radial Basis Functional Link Net for De-Icing Robot Manipulator.	Thuy Van Tran, YaoNan Wang, HungLinh Ao, Tung Khắc Trung	ASME. J. Dyn. Sys., Meas., Control, Control 137(5), 051009 (May 01, 2015)
17	Control of Structural Acoustic Radiation Based on Topography	Chu Khắc Trung	Journal of Automation and Control Engineering Vol. 3, No. 3, June 2015

	Optimization		
18	Application of Generalized Reduced Gradient Method for Optimization of Plunge Centerless Grinding Process	Do Duc Trung Ngo Cuong Phan Bui Khoi Tran Quoc Hung	International Journal of Scientific Research in Science, Engineering and Technology, 2015 Print ISSN : 2395-1990. Online ISSN : 2394-4099
19	Pt- and Ag-Decorated Carbon Nanotube Network Layers for Enhanced NH ₃ Gas Sensitivity at Room Temperature	Dương Vũ Trường	Materials Transactions, Vol. 56, No. 9 (2015) pp. 1399 to 1402
20	Exponential P-Stability of Stochastic- Dynamic Equation on disconnected sets	Lê Anh Tuấn	Electronic Journal of Diferential Equation, Vol.2015, No.285,pp.1-23
21	Interval Type-2 Fuzzy C-Means Approach to Collaborative Clustering	Dang Trong Hop Ngo Long Thanh Pedrycz Witold	The 2015 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2015)
22	Aligning training models with smartphone properties in WiFi fingerprinting based indoor localization	Manh Kha Hoang, Joerg Schmalenstroeer, Reinhold Haeb-Umbach	IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP 2015, Brisbane.
23	McEliece Cryptosystem based identification and Signature Scheme using Chained BCH Codes	Lê Văn Thái, Phạm Khắc Hoàn	IEEE International Conference on Computing, Management and Telecommunications (IEEE ComManTel 2015). pp 122-127. ISBN: 978-1-4673-6546-8
24	Study on the PZT Diaphragm Actuated Multiple Jet Flow in a Circulatory Miniaturized System	Tung Thanh Bui, Thien Xuan Dinh, Phan Thanh Hoa, Van Thanh Dau	Proceeding of IEEE Sensor 2015, Nov, pp.1038-1043
25	Effect of fabrication parameters on micro-structure and mechanical properties of CrN coating deposited on steel by a pulsed magnetron	Phạm Đức Cường Trần Đức Quý Trần Văn Đua Phạm Hồng Tuấn	Proceeding of 70th STLE Annual Meeting & Exhibition, Texas, USA, 2015
26	Study on chemical composition, physical-chemical indicators and biological activity of Bac Giang citronella essential	Nguyễn Văn Lợi Nguyen Quang Tung Nguyen Thi Minh Tu Hoang Dinh Hoa	The International Conference on Analytical Sciences and Application in Environmental Study, Food Safety Control and Medical

	oil		Diagnosis, 225- 230, 2015
27	Development of a Jet-generator and its application to angular rate sensor	Phan Thanh Hòa Đình Xuân Thiện Đậu Thành Văn	Proceeding of China Semiconductor Technology International Conference (CSTIC) 2015, pp.1-3.
28	Researched applied technology for plasma nitriding to improve the planetary gear transmission quality	Phạm Văn Đông	Proceedings of The International Conference on Automotive Technology. ICAT 2015-034.
29	The method of vibration calculation of multi axle vehicles and parameter optimization of the elastic element in the suspension system	Nguyen Huy Truong Le Ngoc Tu, Đào Đình Nam, Le Van Anh	ICAT2015-030 The international conference on automotive technology for Vietnam Hanoi, october 9-11, 2015 (Proceeding)
30	Estimation of the wearing amount of plasma nitriding planetary gears transmission.	Phạm Văn Đông	Proceedings of The International Conference on Automotive Technology. ICAT 2015- 035.
31	Studying taking full advantage of inertia force of Motorcycle to save fuel	Le Van Anh Le Hong Quan, Nguyen Xuan Khoa, Ngo Quang Tao	ICAT2015-031 The international conference on automotive technology for Vietnam Hanoi, october 9-11, 2015 (Proceeding)
32	Matlab software applications to diagnosis and evaluation technical state of the system of hydraulic power steering cars	Nguyen Can Le Van Anh, Vu Anh Quang, Le Duy Long	ICAT2015-032 The international conference on automotive technology for Vietnam Hanoi, october 9-11, 2015 (Proceeding)
33	Estimate effects of load condition on replacement proportion of syngas on dual fuel diesel/syngas	Bùi Văn Chinh, Khổng Vũ Quảng, Phạm Văn Thế	The international Conference on Automotive Technology for Vietnam – ICAT 2015, pp.ICAT2015-024 (1/4÷4/4)
34	Simulation of ignition timing control with maximum pressure timing in Suzuki engine LTR 450/Z	Nguyễn Xuân Khoa, Lê Hồng Quân, Nguyễn Tiến Hán, Nguyễn Thành Vinh	The International Conference on Automotive Technology for Vietnam - ICAT2015-021
35	Comparison Simulation Study on Performance characteristics of Single-stage and Two-stage Turbocharging Diesel Engine	Nguyễn Tiến Hán	The International Conference on Automotive Technology for Vietnam - ICAT2015-020
36	Constructio dynamics an	Bùi Văn Hải,	The International Conference

	amphibious excavator	Lê Hồng Quân, Trần Quang Hưng	on Automotive Technology for Vietnam - ICAT2015-022
37	Optimization design of the automobile gearbox structural parameter based on matlab	Nguyễn Thành Công, Lê Hồng Quân	The International Conference on Automotive Technology for Vietnam - ICAT2015-028
38	Study on the reliability of active axle of light trucks produced and assembled in VietNam	Trần Phúc Hòa, Trịnh Minh Hoàng, Lê Hồng Quân, Đur Quốc Thịnh	The International Conference on Automotive Technology for Vietnam - ICAT2015-041
39	Design and implementation of fpga based lms adaptive beamformer for ula antennas	T.V. Luyen, T.V.B. Giang	The VIETNAM JAPAN MICROWAVE 2015, Ho Chi Minh City, pp.190-193, Aug.2015 (Proceedings)
40	Effect of graphene oxide on electrochemical activity of its composite with polyaniline titanium dioxide	Thi Binh Phan, Thi Thanh Luong, Thi Xuan Mai, Thi Tot Pham, Thi Thanh Thuy Mai	Proceedings of IWNA 2015
41	Speech enhancement based on nonnegative matrix factorization with mixed group sparsity constraint	Hien-Thanh T. Duong, Quoc-Cuong Nguyen, Cong-Phuong Nguyen, Thanh-Huan Tran, Ngoc Q. K. Duong	Proc. The Sixth International Symposium on Information and Communication Technology (SoICT 2015), Dec. 2015, Hue, Vietnam
42	A Core-attach Based Method for Identifying Protein Complexes in Dynamic PPI Networks	Luo Jiawei, Chengchen Lui, Nguyen Hoang Tu	"The 19th pacific-asia conference on knowledge discovery and data mining", 2015
43	Effects of gas injection on Microstructure formation and Mechanical properties of A380 aluminum alloy	Nguyễn Quốc Tuấn, Nguyễn Hồng Hải, Nguyễn Hồng Nhung	The 13th Asian Foundry Congress (AFC-13), 2015
44	Evaluation of measurement uncertainty for torque standard machine using air rotary bearing	Vu Van Duy; Vu Toan Thang; Pham Van Hung	12th International Conference on Measurement Technology and Smart Devices in Taiwan (ISMTII 2015)
45	A comparison of motivation to learn English between English major and non- English major students in a Vietnamese university	Huong Ngo, Rebecca Spooner-Lane & Amanda Mergler	Innovation in Language teaching and learning (ahead- of-printing), 2015