

List of International Science and Technology Journal Articles in 2016

No	Name	Authors	Scientific journal
1	A CdS/ZnSe/TiO ₂ nanotube array and its visible light photocatalytic activities	VanManh Nguyen, Weili Li, VanHuan Pham, Lijia Wang, Pengtao Sheng, Qingyun Cai, Craig Grimes	ELSEVIER, Journal of Colloid and Interface Science 462, pp. 389–396, 2016
2	Lipid-extrated algal biomass based biocomposites fabrication with poly(vinyl alcohol)	Dang-Thuan Tran, Hyun R. Lee, Simon Jung, Min S. Park, Ji-Won Yang	Algal Research Journal, 10/2016
3	In vitro Nifedipine release from poly(lactic acid)/chitosan nanoparticles loaded with nifedipine	Nguyễn Quang Tùng, Thai Hoàng, Nguyễn Thúy Chinh, Nguyễn Thị Thu Trang, Nguyễn Vũ Giang, Đinh Thị Mai Thanh, Tô Thị Xuân Hằng, Chu Quang Truyền, Phạm Minh Quân, Phạm Quốc Long	Journal of Applied Polymer Science, Volume 133, Issue 16, April 20, 2016
4	Magnetic solid phase extraction and static headspace gas chromatography–mass spectrometry method for the analysis of polycyclic aromatic hydrocarbons	Ying Cai, Zhihong Yan, Lijia Wang, Manh NguyenVan, Qingyun Cai	ELSEVIER, Journal of Chromatography A, 1429, pp. 97–106, 2016
5	Continuous biodiesel conversion via enzymatic transesterification catalyzed by immobilized Burkholderia lipase in a packed-bed bioreactor	Dang-Thuan Tran, Ching-Lung Chen, Jo-Shu Chang	Applied Energy, 01/2016
6	Photoelectrocatalytic Inactivation of <i>E. coli</i> by ZnSe/CdS Co-sensitized TiO ₂ Nanotube Array	Jianmei ZOU, VanManh NGUYEN, Xuehua YIN, Zeming WU, Qingyun CAI	The Japan Society for Analytical Chemistry, ANALYTICAL SCIENCES, Vol. 32, pp. 607-610 , 2016
7	Recent insights into continuous-flow biodiesel	Dang-Thuan Tran, Jo-Shu Chang,	Applied Energy, 11/2016

	production via catalytic and non-catalytic transesterification processes	Duu-Jong Lee	
8	CdS/ZnIn ₂ S ₄ /TiO ₂ 3D-heterostructures and their photoelectrochemical properties	Xuehua Yin, Pengtao Sheng, Fenfen Zhong, VanManh Nguyen, Qingyun Cai and Craig Grimes	ROYAL SOCIETY OF CHEMISTRY, New Journal of Chemistry, Published on 24 May 2016
9	Preparation and characterization of poly(vinyl alcohol) biocomposites with microalgae ash	Dang Thuan Tran, Hyun Ro Lee, Simon Jung, Min S. Park, Ji Won Yang, Yong Keun Chang	Journal of Applied Polymer Science, Volume 133, Issue 26, July 10, 2016
10	Nonlinear dynamical analyses of eccentrically stiffened functionally graded toroidal shell segments surrounded by elastic foundation in thermal environment	Dao Huy Bich, Dinh Gia Ninh Bui Huy Kien, David Hui	Composites: Part B, Engineering, Elsevier, Volume 95, pages 355-373, 2016
11	Effect of nanostructured graphene oxide on electrochemical activity of its composite with polyaniline titanium dioxide	Thi Binh Phan, Thi Thanh Luong, Thi Xuan Mai, Thi Thanh Thuy Mai, Thi Tot Pham	Adv. Nat. Sci.: Nanosci. Nanotechnol. 7, 2016
12	Adaptive trajectory tracking neural network control with robust compensator for robot manipulators	Pham Van Cuong, Wang Yao nan	Neural computing and applications, vol. 27, No. 2, 525-536, 2016
13	Novel Hybrid Load - Frequency Controller Applying Artificial Intelligence Techniques Integrated with Superconducting Magnetic Energy Storage Devices for an Interconnected Electric Power Grid	Đào Thị Mai Phương	Arabian Journal for Science and Engineering – Springer, No 41/2016
14	Applying meta - heuristic optimization methods to design novel adaptive PI - Type fuzzy logic controllers for load - frequency control in a large - scale power grid	Đào Thị Mai Phương	Turkish Journal of Electrical Engineering & Computer Science, No 24/2016

15	A Study on Machining Time in Plunge Centerless Grinding	Đỗ Đức Trung, Phạm Văn Đông, Phan Bùi Khôi, Nguyễn Đình Mẫn, Ngô Cường, Trần Quốc Hùng	International Journal of Scientific Research in Science Engineering and Tecnology, IJSRSET, 08 April 2016, pp 603 - 610.
16	Correlation between electronic structure and corrosion inhibition of copper in 3M nitric acid solution by some acetophenone aroyl hydrazone derivatives	Tan Minh Vu, Hung Van Hoang	International Journal of Development Research 6(4), 7421-7424, 2016
17	Vertically Well-Aligned ZnO Nanowire Arrays Directly Synthesized from Zn Vapor Deposition Without Catalyst	Trần Văn Khải, Lê Văn Thọ, Nguyễn Thế Hữu, Trần Đại Lâm	Journal of Electronic Materials, volume 45, No 5, 2016
18	Corrosion inhibition effect of tea by product water extract on mild steel in H ₂ SO ₄ and application	Vu Minh Tan, Luc Van Thu, Le Xuan Que	International Journal of Development Research 6(3), 7007-7011, 2016
19	Occurrence of antibiotics in lake water in Hanoi	Pham Thi Thanh Yen, Nguyen Quang Trung	Korea organic resources recycling, 2016
20	An efficient algorithm for mining the top- <i>k</i> high utility itemsets, using novel threshold raising and pruning strategies	Quang-Huy Duong, Bo Liao, Philippe Fournier-Viger, Thu-Lan Dam	Knowledge-Based Systems, Volume 104, 15 July 2016, Pages 106–122 journal homepage: www.elsevier.com/locate/knosys
21	Adaptive fuzzy-neural control utilizing sliding mode based learning algorithm for robot manipulator	Thuy Van Tran, YaoNan Wang	Int. journal of engineering research and application, vol 6, issue 3, (part 4), march 2016, pp 131-137
22	An efficient algorithm for mining toprank- <i>k</i> frequent patterns	Thu-Lan Dam, Kenli Li, Philippe, Fournier-Viger, Quang-Huy Duong	The International Journal of Artificial, Intelligence, Neural Networks, and Complex Problem-Solving Technologies (ISSN 0924-669X, Volume 45, Number 1), 2016
23	Study on components, physic-chemical indicators and biological activity of the oil of <i>Alpinia Galanga</i> (L.) Willd in Phu Tho.	Nguyễn Văn Lợi	African Journal of Biotechnology, 16. pp 27-35, 2016

24	PHM: Mining Periodic High-Utility Itemsets	Philippe Fournier-Viger, Jerry Chun-Wei Lin, Quang-Huy Duong, Thu-Lan Dam	Springer International Publishing Switzerland 2016 (P. Perner (Ed.): ICDM 2016, LNAI 9728, pp. 64–79, 2016)
25	FHM+: Faster High-Utility Itemset Mining, Using Length Upper-Bound Reduction	Philippe Fournier-Viger, Jerry Chun-Wei Lin, Quang-Huy Duong, Thu-Lan Dam	Springer International Publishing Switzerland 2016 (H. Fujita et al. (Eds.): IEA/AIE 2016, LNAI 9799, pp. 115–127, 2016)
26	Anomaly Detection in Video Surveillance: A Novel Approach Based on SubTrajectory	Duc Vinh Ngo, Nang Toan Do, Luong Anh Tuan Nguyen	The 15th IEEE International Conference on Electronics, Information, and Communication (ICEIC 2016), Jan - 2016
27	Absolute pressure sensing with bipolar corona discharge: Design, simulation and experimental validation	V. T. Dau, T. T. Bui, T. X. Dinh, T. Terebessy H. T. Phan	Proceeding of IEEE International Conference on Micro Electro Mechanical Systems (MEMS 2016, Jan), pp.820 -823
28	An Algorithm to Improve Accuracy of Indoor Positioning	Ngô Văn Bình, Vương Quang Phương, Đình Quang Thọ, Hoàng Đỗ Thanh Tùng	International Conference on Information and Convergence Technology for Smart Society (Vol.2 No.1), 2016
29	A method for reducing the number of support vectors in Fuzzy Support Vector Machine.	Nguyễn Mạnh Cường; Nguyễn Văn Thiện	Proceedings of the 4th International Conference on Computer Science, Applied Mathematics and Applications, ICCSAMA 2016, 2-3 May, 2016, Vienna, Austria
30	Nonlinear vibration of eccentrically stiffened functionally graded toroidal shell segments surrounded by an elastic medium	Dao Huy Bich, Dinh Gia Ninh, Bui HuyKien	16 th Asia Pacific Vibration Conference, pp 276-285, 2016. ISBN: 978-604-938-726-5, doi:10.15625/vap.2016.000046
31	Multiple Kernels based Collaborative Fuzzy Clustering Algorithm	Trong Hop Dang, Long Thanh Ngo, Witold Pedrycz	Asian Conference on Intelligent Information and Database

			Systems/Springer Berlin Heidelberg, volume 9621, 2016
32	Robust output tracking control with constraints for nonlinear systems based on piecewise linear quadratic optimization and its perspective for practical application	Nguyen Doan Phuoc, Nguyen Duc Anh, Vu Tien Thanh, Pham Van Hung, Hoang Duc Quynh	Workshop on Vietnamese - German Technology cooperation and cultural exchange, 2016