

THỐNG KÊ BÀI BÁO TRONG DANH MỤC SCOPUS NĂM HỌC 2018 - 2019

STT	Tên bài báo/sách/chương sách	Tên các tác giả	Tên tạp chí/NXB/Hội nghị, hội thảo khoa học	Thời gian (Năm xuất bản/thời gian tổ chức)	Loại xuất bản
1	Microstructure Change For Multi-pass Welding Between Austenitic Stainless Steel And Carbon Steel	Thi Nhung Le, Mai Khanh Pham, Anh Tuan Hoang, Thi Ngoc Mai Bui, Duong Nam Nguyen	Journal of Mechanical Engineering Research & Developments	01/07/2018	Tạp chí Scopus, Q4
2	Pulsed electrical field for pasteurization of sugarcane juice	Nguyễn Đức Trung, Nguyễn Ngọc Hoàng, Đặng Minh Hiếu	ASEAN Engineering Journal Part B	02/07/2018	Tạp chí Scopus
3	An effective depth map navigation for mobile robot in indoor environments	Dang Khanh Hoa; Than Viet Duc, Vu Minh Hoang, Vu Song Tung, Nguyen Tien Dzung	JP Journal of Heat and Mass Transfer	10/07/2018	Tạp chí Scopus
4	High Isolation Dual-band MIMO Antenna Based on a Novel Structure of Gradient Lines	Duong Thi Thanh Tu, Nguyen Tuan Ngoc, Vu Van Yem	International Journal of Microwave and Optical Technology	30/07/2018	Tạp chí Scopus
5	Chapter 11 - Economical Aspects in Photocatalytic Membrane Reactors	Wolfgang M. Samhaber, Minh Tan Nguyen	Current Trends and Future Developments on (Bio-) Membranes: Photocatalytic Membranes and Photocatalytic Membrane Reactors	01/08/2018	Tạp chí Scopus
6	Mechanical, thermal, morphological, and rheological characteristics of high performance 3D-printing lignin-based composites for additive manufacturing applications	Ngoc A Nguyen, Christopher C Bowland, Amit K Naskar	Data in brief	01/08/2018	Tạp chí Scopus, Q1
7	USING ONLINE TIME WINDOW EMBEDDING STRATEGY IN GREEN NETWORK VIRTUALIZATION	Tran Manh Nam, Nguyen Huu Thanh, Nguyen Tien Manh, Truong Thu Huong	JP Journal of Heat and Mass Transfer	01/08/2018	Tạp chí Scopus
8	A numerical study of a liquid drop solidifying on a vertical cold wall	Vũ Văn Trường	International Journal of Heat and Mass Transfer	01/08/2018	Tạp chí Scopus
9	MODEL AND DESIGN OF A DUPLEXER FOR LTE-A TRANSCEIVER WITH HEXAGON CYLINDER CAVITIES	Tran Thi Thu Huong, Nguyen Xuan Quyen and Vu Van Yem	JP Journal of Heat and Mass Transfer	07/08/2018	Tạp chí Scopus
10	Analyzing seismic signal using Support Vector Machine for vehicle motion detection	Duong Nhat Thang, Nguyen Thi Phuong Mai	Industrial networks and intelligent systems	18/08/2018	Tạp chí Scopus, Q4
11	Microstructures And Elements Distribution In The Transition Zone Of Carbon Steel And Stainless Steel Welds	T.Nhung Le, M.Khanh Pham, A.Tuan Hoang, D.Nam Nguyen	Journal of Mechanical Engineering Research & Developments	01/09/2018	Tạp chí Scopus, Q4
12	Using the Norton's Equivalent Circuit of DVR in Optimizing the Location of DVR for Voltage Sag Mitigation in Distribution System	Bach Quoc Khanh*, Nguyen Van Minh	GMSARN International Journal (Scopus, Q4)	01/09/2018	Tạp chí Scopus, Q4
13	A review on deposit formation in the injector of diesel engines running on biodiesel	Lê Anh Tuấn	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	01/09/2018	Tạp chí Scopus
14	A Study of Operating Characteristics of Old-Generation Diesel Engines Retrofitted with Turbochargers	Nguyễn Đức Khánh	Arabian Journal for Science and Engineering	01/09/2018	Tạp chí Scopus
15	Tunable platforms by coupling gold nanorectangles and pNIPAM for surface-enhanced Raman scattering	Mai T T Nguyen, C Mangeney, N Felidi	Advances in Natural Sciences: Nanoscience and Nanotechnology	05/09/2018	Tạp chí Scopus, Q1

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16	EFFECTIVE DEEP MULTI-SOURCE MULTI-TASK LEARNING FRAMEWORKS FOR SMILE DETECTION, EMOTION RECOGNITION AND GENDER CLASSIFICATION	Dinh Viet Sang, Le Tran Bao Cuong	Informatica	01/10/2018	Tạp chí Scopus
17	Nonlinear Control of an Active Magnetic Bearing with Output Constraint	Danh Huy Nguyen, Tung Lam Nguyen, Linh Nguyen, Huy Phuong Nguyen	International Journal of Electrical and Computer Engineering (IJECE)	01/10/2018	Tạp chí Scopus, Q2
18	Numerical Simulation of a Wave Energy Converter Using Linear Generator	Van Ngoc Phung, The Mich Nguyen, The Ba Dang, Dinh Tuan Phan	Proceedings of the 1st Vietnam Symposium on Advances in Offshore Energy and Geotechnics	01/10/2018	Tạp chí Scopus
19	Measurement and Prediction of the Density and Viscosity of Biodiesel Blends	Pham Minh Tuan, Hoang Anh Tuan, Le Anh Tuan, Abdel Rahman M. Said Al-Tawaha, Dong Van Huong, Le Van Vang	International Journal of Technology	01/10/2018	Tạp chí Scopus
20	Influences of heating temperatures on physical properties, spray characteristics of bio-oils and fuel supply system of a conventional diesel engine	Phạm Minh Tuấn	International Journal on Advanced Science, Engineering and Information Technology	01/10/2018	Tạp chí Scopus
21	Computational investigation of variation in wing aerodynamic load under effect of aeroelastic deformations	Hoàng Thị Bích Ngọc	Journal of Mechanical Science and Technology	01/10/2018	Tạp chí Scopus
22	Research and Manufacturing of High-Mechanical Copper Alloys for Shaft Lines	Vu Anh Tuan, Tran The Nam, Nguyen Duong Nam, Pham Mai Khanh	The 19th Annual General Assembly – AGA 2018 International Association of Maritime Universities (IAMU)	17/10/2018	Tạp chí Scopus
23	Compensating Doppler Frequency Shift of High Speed Rail Communications	Trinh Thi Huong, Nguyen Manh Dat, To Thi Thao, Nguyen Duy Viet, Vu Van Yem	International journal of Applied Engineering Research	31/10/2018	Tạp chí Scopus
24	Effect of Toe Length on Biped Walking Behavior	Van Tinh Nguyen, and Hiroshi Hasegawa	International Journal of Mechanical Engineering and Robotics Research	01/11/2018	Tạp chí Scopus
25	Overshoot and settling time assignment with pid for first-order and second-order systems	Nguyễn Hoài Nam and Nguyễn Doãn Phước	IET Control Theory and Applications	01/11/2018	Tạp chí Scopus, Q1
26	Wind energy development in Japan and Vietnam	Phan Anh Tuấn	ASEAN Engineering Journal (Tạp chí của các trường đại học thuộc AUN/SEED Net)	01/11/2018	Tạp chí Scopus
27	SHIOT: A Novel SDN-based Framework for the Heterogeneous Internet of Things	Hai-Anh Tran, Duc Tran, Linh-Giang Nguyen, Quoc-Trung Ha, Van Tong, A. Mellouk	Informatica	01/11/2018	Tạp chí Scopus
28	Scheduled service network design with resource acquisition and management	T.G. Crainic, M. Hewitt, M. Toulouse, M. Vu Duc	EURO Journal on Transportation and Logistics	05/11/2018	Tạp chí Scopus
29	Preparation of MgO for Removal of Dyes and Heavy Metal From Aqueous Solution: Facially Controlling the Morphology, Kinetic, Isotherms and Thermal Dynamic Investigation	Anh-Tuan Vu, Van-Tu Vu	Indian Journal of Science and Technology (Tạp chí Ấn độ về Khoa học và công nghệ)	13/11/2018	Tạp chí Scopus, Q4
30	The real value of experiential learning project through contest in engineering design course: A descriptive study of students' perspective	Nguyễn Văn Hạnh	International Journal of Mechanical Engineering Education	19/11/2018	Tạp chí Scopus, Q3

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31	An Advanced Energy Efficient and High Performance Routing Protocol for MANET in 5G	Vu Khanh Quy, Nguyen Tien Ban, Nguyen Dinh Han	Journal of Communications	01/12/2018	Tạp chí Scopus
32	What influences media effects on public perception? A cross-national study of comparative agenda setting	Hong T Vu, Liefu Jiang, Lourdes M Cueva Chacón, Martin J Riedl, Duc V Tran, Piotr S Bobkowski	International Communication Gazette	01/12/2018	Tạp chí Scopus
33	Adaptive Neuro-Fuzzy Inference System Based Path Planning for Excavator Arm	Vu Thi Thuy Nga, Tran Phuong Nam, Nguyen Hoai Nam	Journal of Robotics	01/12/2018	Tạp chí Scopus, Q3
34	Numerical study of deformation and breakup of a multi-core compound droplet in simple shear flow	Vũ Văn Trường	International Journal of Heat and Mass Transfer	01/12/2018	Tạp chí Scopus
35	SO ₂ -sensing properties of NiO nanowalls synthesized by the reaction of Ni foil in NH ₄ OH solution	Vu Xuan Hien	Advances in Natural Sciences: Nanoscience and Nanotechnology	13/12/2018	Tạp chí Scopus
36	Min Max Model Predictive Control for Polysolenoid Linear Motor	Hong Quang Nguyen, Phung Quang Nguyen, Nhu Hien Nguyen, Thanh Binh Nguyen	International Journal of Power Electronics and Drive Systems (IJPEDS)	16/12/2018	Tạp chí Scopus, Q3
37	A Generalized Parameter Tuning Method of Proportional-Resonant Controllers for Dynamic Voltage Restorers	Hoang Phuong Vu , Ngoc Dinh, Nam Hoang, Quan Nguyen, Quang Dich Nguyen, Trong Minh Tran	International Journal of Power Electronics and Drive System	30/12/2018	Tạp chí Scopus
38	Surface Modification of Fly Ash by Poly (1,5-Diaminonaphthalene) for Removal of Hexavalent Chromium from Water	Dzung T Nguyen, Minh X Vu, Huy L Nguyen	Journal of Surface Science and Technology	31/12/2018	Tạp chí Scopus, Q4
39	A New Route for Preparation of Enantiomers of Gossypol and Apogossypol from Racemic Gossypol	Vu Dinh Tien, Vu Van Vu and Tran Khac Vu	Asian Journal of chemistry	01/01/2019	Tạp chí Scopus, Q3
40	Improving Characteristics of 28/38 GHz MIMO Antenna for 5G Applications by Using Double-Side EBG Structure	Duong Thi Thanh Tu, Nguyen Thi Bich Phuong, Pham Dinh Son and Vu Van Yem	Journal of Communications	28/01/2019	Tạp chí Scopus
41	Numerical Optimization of Flow Distribution inside Inlet Header of Heat Exchanger	Nguyen Ba Chien, Nguyen Xuan Linh, Oh Jong-Taek	Energy Procedia	01/02/2019	Tạp chí Scopus
42	Towards an automatic plant identification system without dedicated dataset	Thi Thanh-Nhan Nguyen, Thi-Lan Le, Hai Vu, Van-Sam Hoang	International Journal of Machine Learning and Computing	01/02/2019	Tạp chí Scopus, Q4
43	A Graphical Method to Estimate Forming Limit Curve of Sheet Metals	Young Suk Kim Quoc Tuan Pham, Duc Toan Nguyen, Jin Jae Kim	Key Engineering Materials	01/02/2019	Tạp chí Scopus, Q4
44	Data of thermally active lignin-linkages and shape memory of lignin-rubber composites	Ngoc A Nguyen, Kelly M Meek, Christopher C Bowland, Amit K Naskar	Data in Brief	01/02/2019	Tạp chí Scopus, Q1
45	Survey of Recent Routing Metrics and Protocols for Mobile Ad-Hoc Networks	Vu Khanh Quy, Nguyen Tien Ban, Vi Hoai Nam, Dao Minh Tuan, Nguyen Dinh Han	Journal of Communications	01/02/2019	Tạp chí Scopus
46	Investigation of Experiment and Simulation of a Plate Heat Exchanger	Nguyen Ba Chien, Oh Jong-Taek, Hideyo Asano, Yasushi Tomiyama	Energy Procedia	01/02/2019	Tạp chí Scopus
47	A Study Of Phase Transformation In Shape Memory Alloy CuAl9Fe4	Nguyen Duong Nam, Vu Anh Tuan, Nguyen Hai Yen, Dao Van Lap, and Pham Mai Khanh	Journal of Mechanical Engineering Research & Developments	01/02/2019	Tạp chí Scopus, Q4
48	Experimental and numerical studies of wingtip and downwash effects on horizontal tail	Hoàng Thị Bích Ngọc	Journal of Mechanical Science and Technology	01/02/2019	Tạp chí Scopus

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49	Invariant Properties and Bounds on a Finite Time Consensus Algorithm	M. Toulouse, B. Q. Minh, Q. T. Minh	Transactions on Large-Scale Data and Knowledge-Centered Systems	07/02/2019	Tạp chí Scopus
50	Modelling Polysolenoid Permanent Stimulation Linear Motors for Real Time Simulation Problem	Nguyen Hong Quang, Nguyen Phung Quang, Nguyen Nhu Hien	International Journal of Electrical Electronics & Computer Science Engineering (IJECESE)	16/02/2019	Tạp chí Scopus, Q2
51	Application of a genetic algorithm for the calibration of eutrophication model in an urban lake	Tạ Đăng Thuận, Bùi Quốc Lập, Nguyễn Đăng Bình Thành, Doan Quang Tri, Jaya Kandasamy	International Journal of Earth Sciences and Engineering	26/02/2019	Tạp chí Scopus, Q3
52	Adaptive hierarchical sliding mode control using neural network for uncertain 2D overhead crane	Nguyễn Hoài Nam, Phan Xuân Minh	International Journal of Dynamics and Control	01/03/2019	Tạp chí Scopus, Q2
53	Box-Behnken Experimental Design for Extraction of Spinosin from Ziziphus mauritiana Lam. Seeds	Quang Thuong Tran, Loan Thi Thanh Vu, Tram Huyen Le, Ly Thi Phuong Giang, and Toyonobu Usuki	Asian Journal of Chemistry	01/03/2019	Tạp chí Scopus, Q4
54	A Novel Method For The Improvement Of SARFIX Of Distribution System Using One D-STATCOM Considering Its Limited Current	Bach Quoc Khanh	GMSARN International Journal (Scopus, Q4)	01/03/2019	Tạp chí Scopus, Q4
55	Pnepam-covered gold nanodots for reversible adsorption of biomolecules	Mai Thi Tuyet Nguyen	Emerging Materials Research	01/03/2019	Tạp chí Scopus, Q4
56	Coupling of Local and Global Quantities by A Subproblem Finite Element Method – Application to Thin Region Models	Đăng Quốc Vương	Advances in Science, Technology and Engineering Systems Journal (ASTES)	01/03/2019	Tạp chí Scopus
57	Influence Of Nikel On The Microstructure And Mechanical Properties Of Aluminium Copper Alloy	Vu Anh Tuan, Nguyen Duong Nam, Pham Ngoc Vuong, Mai Van Thi, Pham Mai Khanh	Journal of Mechanical Engineering Research & Developments	01/04/2019	Tạp chí Scopus, Q4
58	A High-Performance Routing Protocol for Multimedia Applications in MANETs	Vu Khanh Quy, Nguyen Tien Ban, Nguyen Dinh Han	Journal of Communications	01/04/2019	Tạp chí Scopus
59	Robustness analysis of 3D convolutional neural network for human hand gesture recognition	Dang-Manh Truong, Huong-Giang Doan, Thanh-Hai Tran, Hai Vu, Thi-Lan Le	International Journal of Machine Learning and Computing	01/04/2019	Tạp chí Scopus, Q4
60	A Study of Exhaust Waste Heat Recovery in Internal Combustion Engines	Quang Khong Vu, Dien Vu Minh, Tien Nguyen Duy, Tuan Pham Minh, Luong Nguyen The	IOP Conference Series: Materials Science and Engineering	01/04/2019	Tạp chí Scopus
61	Multi parametric model predictive control based on laguerre model for permanent magnet linear synchronous motors	Nguyen Hong Quang, Nguyen Phung Quang, Dao Phuong Nam, Nguyen Thanh Binh	International Journal of Electrical and Computer Engineering (IJECE)	20/04/2019	Tạp chí Scopus, Q2
62	Stochastic Control for Optimal Power Flow in Islanded Microgrid	Thang Diep-Thanh, Quang Nguyen-Phung, Huy Nguyen-Duc	International Journal of Electrical and Computer Engineering (IJECE)	20/04/2019	Tạp chí Scopus, Q2
63	Numerical Investigations of Aeroacoustics Analysis of Helicopter UAV for Agriculture Application	Khanh Tran Ngoc, Dung Hoang Thi Kim, Khanh Nguyen Phu, Nhung Le Thi Tuyet	Journal of Key Engineering Materials	22/04/2019	Tạp chí Scopus
64	Numerical Investigations of Aerodynamics Characteristics of Helicopter UAV for Agriculture Application	Khanh Tran Ngoc, Dung Hoang Thi Kim, Khanh Nguyen Phu	Journal of Key Engineering Materials	22/04/2019	Tạp chí Scopus
65	Detection and Estimation of Moving obstacles for an UAV	T.T. Mac, C. Copot, C.M. Ionescu	IFAC-PapersOnLine	27/04/2019	Tạp chí Scopus, Q3

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66	Cost-effective porous carbon materials synthesized by carbonizing rice husk and K ₂ CO ₃ activation and their application for lithium-sulfur batteries	Thanh-Tung Mai, Duc-Luong Vu, Dang- Chinh Huynh, Nae-Li Wu, Anh-Tuan Le	Journal of Science: Advanced Materials and Devices	30/04/2019	Tạp chí Scopus
67	Optimal strategies of siting, sizing and scheduling of BESS: Voltage management solution for future LV networks	Anh Thi Nguyen, Surachai Chaitusaney, Akihiko Yokoyama	IEEE Transactions on Electrical and Electronic Engineering	01/05/2019	Tạp chí Scopus
68	A Novel Comparison on “Central Improvement” of Voltage Dips in 16-Bus Distribution System by D-Statcom and DVR	Nguyen Van Minh, Bach Quoc Khanh*	GMSARN International Journal (Scopus, 4)	01/05/2019	Tạp chí Scopus, Q4
69	A Framework and Numerical Solution of the Drying Process in Porous Media by Using a Continuous Model	Hong Thai Vu, Evangelos Tsotsas	International Journal of Chemical Engineering	01/05/2019	Tạp chí Scopus, Q2
70	A Developed Design to Enlarge the Spectrum for Analog Electronic Stethoscope	Trinh Quang Duc, Nguyen Van Son, Nguyen Hoai Giang	Journal of Engineering Science and Technology Review	03/05/2019	Tạp chí Scopus
71	Robust Control Law using H-infinity for Wheeled Inverted Pendulum Systems	Pham Tam Thanh, Dao Phuong Nam*, Vu Van Tu, Tran Quang Huy and Nguyen Van Huong	International Journal of Mechanical Engineering and Robotics Research (IJMERR)	07/05/2019	Tạp chí Scopus, Q4
72	Adaptive Dynamic Programming based Integral Sliding Mode Control Law for Continuous Time Systems: A Design for Inverted Pendulum Systems	Dao Phuong Nam*, Nguyen Van Huong and Do Trong Tan	International Journal of Mechanical Engineering and Robotics Research (IJMERR)	07/05/2019	Tạp chí Scopus, Q4
73	The use of Multi-Walled Carbon Nanotubes and Nanoclay for Simultaneously Improving the Flame Retardancy and Mechanical Properties of Epoxy Nanocomposites	Nguyen Tuan Anh, Nguyen Quang Tung, Bach Trong Phúc, Nguyen Xuan Canh	International Journal of Engineering & Technology	10/05/2019	Tạp chí Scopus
74	A Model-Based Control Design of Industrial Hybrid Dynamic Systems in the scope of KC05.21/16-20 project. Part I: Theoretical Foundations	Ngo Van Hien, Pham Gia Diem	International Journal of Mechanical & Mechatronics Engineering	01/06/2019	Tạp chí Scopus, Q2
75	Low-profile, dual-band, unidirectional RFID tag antenna using metasurface	Đoàn Thị Ngọc Hiền, Tạ Sơn Xuất, Nguyễn Văn Khang, Nguyễn Khắc Kiêm, Đào Ngọc Chiến	Progress In Electromagnetics Research C	11/06/2019	Tạp chí Scopus
76	Backstepping control of two-mass system using induction motor drive fed by voltage source inverter with ideal control performance of stator current	Võ Thanh Hà, Lê Trọng Tấn, Nguyễn Đức Nam, Ng. Ph. Quang	International Journal of Power Electronics and Drive Systems (IJPEDS)	16/06/2019	Tạp chí Scopus, Q2
77	Polarizations of crossed-dipole antenna loaded with different NFRP elements	Tạ Sơn Xuất	Progress In Electromagnetics Research M	21/06/2019	Tạp chí Scopus
78	A Flexible Solid 3D Model Reconstruction System for Mechanical CAD /CAM Systems	hoàng Long, Bành Tiến Long	J. Korean Soc. Precis. Eng	28/06/2019	Tạp chí Scopus, Q2