

**THỐNG KÊ BÀI BÁO TRONG DANH MỤC SCOPUS NĂM HỌC 2019 - 2020**

STT	Tên bài báo	Tên các tác giả	Tên tạp chí	Thời gian	Loại xuất bản	ISSN/ISBN
1	VIETNAM'S ELECTRONICS INDUSTRY: THE RISE AND PROBLEMS OF FURTHER DEVELOPMENT	Tran Thi Bích Ngọc; Dao Thanh Binh	Journal: Humanities & Social Sciences Reviews	04/07/2019	Tạp chí Scopus, Q4	ISSN: 2395-6518
2	Development of an IgY-based lateral flow immunoassay for detection of fumonisin B in maize	Tien Viet Tran, Binh Nhu Do, Thao Phuong Nguyen, Tung Thanh Tran, Ba Van Nguyen, Chuyen Van Nguyen, Hoa Quang Le	F1000Research	10/07/2019	Tạp chí Scopus, Q4	2046-1402
3	Performance Analysis of FSO DF Relays with Log-Normal Fading Channel	Hà Duyên Trung	Journal of Optical Communications	12/07/2019	Tạp chí Scopus	0173-4911 / 2191-6322
4	Analysis and Control of Slotless Self-Bearing Motor	Huy Phuong Nguyen, Xuan Bien Nguyen, Trung Tuyen Bui, Satoshi Ueno, Quang Dich Nguyen	Actuators	19/07/2019	Tạp chí Scopus	2076-0825
5	Theoretical predictions of two-dimensional covalent organic frameworks (COF) with triangular topologies	Nguyen Thi Thao , Vu Ngoc Tuoc 1 and Trinh Thi Phuong 2	Journal of Physics: Conf. Series	22/07/2019	Tạp chí Scopus	1742-6588
6	Theoretical predictions of two-dimensional covalent 19 organic frameworks (COF) with hexagonal topologies	LN Duong, VN Tuoc, NT Thao	Journal of Physics: Conference Series.	22/07/2019	Tạp chí Scopus	1742-6588
7	Periodically-arrayed ferroelectric nanostructures induced by strain concentration in SrTiO3	Kairi Masuda, Le Van Lich, Takahiro Shimada, and Takayuki Kitamura	Transactions of the Japan Society of Mechanical Engineers	28/07/2019	Tạp chí Scopus	
8	Deep Convolutional Neural Network for Emotion Recognition of Vietnamese	Đào Thị Lệ Thủy, Trịnh Văn Loan, Nguyễn Hồng Quang	International Journal of Machine Learning and Computing (IJMLC)	30/07/2019	Tạp chí Scopus	2010-3700 (Online)
9	GCSAC: Geometrical Constraint Sample Consensus for Primitive Shapes Estimation in 3-D Point Cloud	Van-Hung Le, Hai Vu, Thi Thuy Nguyen, Thi-Lan Le, Thanh-Hai Tran	Journal of Computational Vision and Robotics	01/08/2019	Tạp chí Scopus, Q4	1752-9131
10	A Control Implementation of Quadrotor UAVs Based on Systems Engineering Concepts	Ngô Văn Hiền, Phạm Gia Diễm	International Journal of Mechanical & Mechatronics Engineering	01/08/2019	Tạp chí Scopus, Q2	2227-2771
11	Improving the Depth Accuracy and Assessment of Microsoft Kinect v2 Towards a Usage for Mechanical Part Modeling	Bui Van-Bien, Banh Tien-Long, Nguyen Duc-Toan	Journal of the Korean Society for Precision Engineering	01/08/2019	Tạp chí Scopus, Q2	1225-9071
12	Determining Ideal Strength and Electronic Properties of Ge/Si Core-Shell Nanowires	Vuong Van Thanh, Nguyen Tuan Hung, Tran The Quang, and Do van Truong	J. Korean Soc. Precis. Eng.	01/08/2019	Tạp chí Scopus, Q2	ISSN 1225-9071 (Print) / 2287-8769 (Online)
13	A study on cost optimization of internal cylindrical grinding	Le Xuan Hung, Vu Thi Lien, Luu Anh Tung, Vu Ngoc Pi, Le Hong Ky, Tran Thi Hong, Hoang Tien Dung, Banh Tien Long	International Journal of Mechanical Engineering and Technology (IJMET).	02/08/2019	Tạp chí Scopus	ISSN PRINT : 0976 – 6340 ISSN ONLINE : 0976 - 6359
14	Research on Dynamic Vehicle Model Equipped Active Stabilizer Bar	Anh Nguyen Tuan, Binh Hoang Thang	Advances in Science, Technology and Engineering Systems Journal	07/08/2019	Tạp chí Scopus	2415-6698
15	Effect of Element Addition and Heat Treatment Process on the Properties of High Manganese Steel	Mai Khanh Pham, Thi Thai Le, Thi Nhung Le, Anh Tuan Vu, Viet Quyen Vu, Duong Nam Nguyen	Advanced Science Engineering Information Technology	08/08/2019	Tạp chí Scopus, Q2	2088-5334
16	Deep regression for precise geometric dimension measurement	Thang Duong Nhat, Binh Nguyen Duc, Phuong Le Khac, Tu Nguyen Ngoc, Mai Nguyen Thi Phuong	J. Korean Soc. Precis. Eng.,	13/08/2019	Tạp chí Scopus, Q2	ISSN 1225-9071 (Print) / 2287-8769 (Online)
17	A non-contact infection screening system using medical radar and Linuxembedded FPGA: implementation and preliminary validation	Nguyễn Văn Cường, Lê Quang Trường, Nguyễn Vũ Trung, Lê Thị Hội, Nguyễn Văn Kinh, Hân Trọng Thanh, Đỗ Trọng Tuấn, Guanghao Sun, Koichiro Ishibashi	Informatics in Medicine Unlocked	20/08/2019	Tạp chí Scopus	2352-9148

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18	Effect of Element Addition and Heat Treatment Process on the Properties of High Manganese Steel	Khanh Mai Pham, Thai Thi Le, Nhung Thi Le, Tuan Anh Vu, Quyen Viet Vu, Nam Duong Nguyen	International Journal on Advanced Science, Engineering and Information Technology	30/08/2019	Tạp chí Scopus, Q2	2088-5334
19	Effect of aluminium concentration and reaction temperature on the structural and optical properties of Al-doped ZnO particles	Nguyen Van Toan, Nguyen Thi Thu Hien, Pham Anh Tuan, Tran Duc Huy, Dang Viet Anh Dung, Vu Ngoc Phan, Nguyen Huu Dung, Duong Thanh Tung and Nguyen Duy Cuong	Materials Research Express	31/08/2019	Tạp chí Scopus	2053-1591
20	Cu(Zn,Sn)(S,Se) <sub>2</sub> Solar Cells with a Nanocomposite Window Layer Produced by Totally Nonvacuum Methods	Thi Thu Hien Nguyen, Anh Tuan Pham, Duc Huy Tran, Viet Anh Dung Dang, Ngoc Phan Vu, Huu Dung Nguyen, Thanh Tung Duong, Duy Cuong Nguyen	Journal of Electronic Materials	01/09/2019	Tạp chí Scopus	0361-5235
21	Effect of Technological and Geometrical Parameters on Formation of Radius Region at Cylindrical Product Bottom in Hydrostatic forming	Nguyễn Thị Thu, Nguyễn Đức Trung	Journal of the Korean Society for Precision Engineering	02/09/2019	Tạp chí Scopus	ISSN 1225-9071
22	A Study on Partitioning Freeform Surface and Tool Selection Method for 3-Axes CNC Machining	Bui Ngoc Tuyen, Hoang Van Quy, Duc-Toan Nguyen	Journal of the Korean Society for Precision Engineering	04/09/2019	Tạp chí Scopus, Q2	1225-9071
23	Study on Cutting Force and Chip Shrinkage Coefficient during Thermal – Assisted Machining by Induction Heating of SKD11 Steel	Thi-Bich Mac, Tien-Long Banh, Duc-Toan Nguyen	Journal of the Korean Society for Precision Engineering	04/09/2019	Tạp chí Scopus, Q2	1225-9071
24	Multi-Criteria Decision Making Using Preferential Selection Index in Titanium based Die-Sinking PMEDM	Nguyen Huu-Phan, Banh Tien-Long, Le Quang-Dung, Nguyen Duc-Toan, T. Muthuramalingam	Journal of the Korean Society for Precision Engineering	04/09/2019	Tạp chí Scopus, Q2	1225-9071
25	Application/Comparison Study of a Graphical Method of Forming Limit Curve Estimation for DP590 Steel Sheets	The-Thanh Luyen, Quoc-Tuan Pham, Young-Suk Kim, Duc-Toan Nguyen	Journal of the Korean Society for Precision Engineering	04/09/2019	Tạp chí Scopus, Q2	1225-9071
26	The Simulation of Shear Angle and Deformations of Cu/Al Composite Sheets during Accumulated Roll Bonding	Pham Quang	Materials Science Forum	26/09/2019	Tạp chí Scopus, Q3	1662-9752
27	A Specialization of Model-Driven Architecture to Implement AUV Controllers	Ngô Văn Hiến, Phạm Gia Đĩnh	International Journal of Mechanical & Mechatronics Engineering	01/10/2019	Tạp chí Scopus, Q2	2227-2771
28	Classification of Metal Objects Using Deep Neural Networks in Waste Processing Line	Tuan Linh Dang, Thang Cao, Yukinobu Hoshino	International Journal of Innovative Computing, Information and Control	01/10/2019	Tạp chí Scopus	1349-4198
29	A Study on Microstructure and Mechanical Properties of AZ31 Magnesium Alloy after Constrained Groove Pressing	Pham Thi Thuy <sup>1,2</sup> , Dang Thi Hong Hue <sup>1</sup> , Dao Minh Ngung <sup>1</sup> and Pham Quang <sup>1,*</sup> 1 Hanoi University of Science and Technology, No.1 Daicoviet, Hanoi, Vietnam 2 Hanoi University of Mining and Geology, 18 Phovien, Bactuliem, Hanoi, Vietnam	IOP Conference Series: Materials Science and Engineering	10/10/2019	Tạp chí Scopus	
30	A Novel Autonomous Wireless Sensor Node for IoT Applications	Ngan Nguyen, Quoc Cuong Nguyen, Minh Thuy Le	TELKOMNIKA (Telecommunication Computing Electronics and Control)	17/10/2019	Tạp chí Scopus, Q3	1693-6930
31	Development of a Low-Cost Arduino-Based 12-Lead ECG Acquisition System And Accompanied Labview Application	Son Nguyen Van, Duc Trinh Nguyen, Giang Nguyen Hoai	International Journal of Engineering and Advanced Technology	30/10/2019	Tạp chí Scopus, Q4	2249-8958
32	The Cross-layer Message-broadcasting Mechanism for Active Road Safety Application Based on Dynamic Priority	Nguyen Ngoc Van	Journal of Communications	01/11/2019	Tạp chí Scopus, Q4	1796-2021 (Online); 2374-4367 (Print)

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33	Heat transfer performance of underground U-type heat exchanger: a CFD model-base analysis	Van Hien Ngo, Kieu Hiep Le, Gia Diem Pham, Van He Ngo, Tien Anh Nguyen, Quoc Bao Nguyen, Tien Cong Do, Quyet Hung Vu, Van Thuan Nguyen	Journal of Mechanical Engineering Research and Developments	01/11/2019	Tạp chí Scopus	
34	Utilization and application of carbon dioxide recovered from the beer and ethanol industry in Vietnam	Tien-Thanh Nguyen, Phu-Ha Ho, Viet-Phu Tu, Le-Ha Quan and Son Chu-Ky	Gases in Agro-Food Processes	01/11/2019	Tạp chí Scopus	9780128124659
35	Relationships of Organizational Culture and Proactiveness on Managerial Career Adaptability in Vietnamese Telecommunication Enterprises	Pham Thi Kim Ngoc, Nguyen Thi Kim Chi	International Journal of Innovation, Creativity and Change (IJICC)	04/11/2019	Tạp chí Scopus	2201-1323
36	Effect of blending and pregelatinizing order on properties of pregelatinized starch from rice and cassava	Tô H.T, Karria S.J, Nga L.H, Karrila T.T	Food Research	12/11/2019	Tạp chí Scopus	
37	A planar wideband two-level sequentially rotated array antenna for X-band CubeSat	Tạ Sơn Xuất, Nguyễn Khắc Kiêm, Đào Ngọc Chiến	Progress In Electromagnetics Research C	26/11/2019	Tạp chí Scopus	1937-8718
38	Energy-Saving Electronics Production in Viet Nam: Rise and Problems of Sustainable Development	Trần Thị Bích Ngọc, Đào Thanh Bình	The First Interregional Conference “Sustainable Development of Eurasian Mining Regions (SDEMIR-2019)	28/11/2019	Tạp chí Scopus	2267-1242
39	Influence of the magnesium content on cathode spot behavior in AC TIG welding of aluminum alloy	PHAN Huy Le, TASHIRO Shinichi, BUI Van Hanh, TANAKA Manabu	Quarterly Journal of The Japan Welding Society	29/11/2019	Tạp chí Scopus, Q1	2434-8252
40	A proposal of Automatic Identity Fingerprint Authentication System using Matching Algorithm for improvement of Fingerprint Authentication	Eloanyi Samson Amaechi, Pham Van Hai	International Journal of Advanced Science and Technology	01/12/2019	Tạp chí Scopus	2005-4238 (Print)
41	CEPRM: A Cloud-assisted Energy-Saving and Performance-Improving Routing Mechanism for MANETs	Vu Khanh Quy, Le Ngoc Hung, Nguyen Dinh Han	Journal of Communications	01/12/2019	Tạp chí Scopus	ISSN: 1796-2021
42	Output Limitation Control for 4DOF Magnetic Bearings	Lê Ngọc Hội, Nguyễn Tùng Lâm, Dương Minh Đức, Nguyễn Quang Địch	GMSARN International Journal	03/12/2019	Tạp chí Scopus	ISSN: 1905-9094
43	Advanced control structures for induction motors with ideal current loop response using field oriented control	o Thanh Ha, Nguyen Tung Lam, Vo Thu Ha, Vo Quang Vinh	International Journal of Power Electronics and Drive System (IJPEDS)	10/12/2019	Tạp chí Scopus, Q2	2088-8694
44	Study on breakdown of milling balls made of 13%Cr white cast-iron working in strong abrasive and clash conditions	Hoang Thi Ngoc Quyen, Nguyen Hong Hai, Vu Van Quyet, Nguyen Van Bach, Vu Anh Tuan, Nguyen Duong Nam.	Journal of Mechanical Engineering Research and Development.	20/12/2019	Tạp chí Scopus, Q4	ISSN: 1024-1752
45	Surface Classification of Damaged Concrete Using Deep Convolutional Neural Network	Phan Duy Hung, Nguyen Tien Su, Vu Thu Diep	Pattern Recognition and Image Analysis	27/12/2019	Tạp chí Scopus, Q3	1054-6618
46	DYNAMIC ANALYSIS OF ROBOT IN MACHINING	Phan Bui Khoi, Ha Thanh Hai, Hoang Vinh Sinh	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	28/12/2019	Tạp chí Scopus, Q3	2249-6890; 2249-8001
47	Software Design Collection and Handling of Signal Sound Body	Son Nguyen Van, Duc Trinh Quang, Giang Nguyen Hoai, Quynh Nguyen Thi Huong, Khanh Pham Xuan	International Journal of Engineering and Advanced Technology	30/12/2019	Tạp chí Scopus, Q4	2249 – 8958
48	NATURAL LANGUAGE QUESTIONS FOR SEMANTIC WEB-BASED NEWS AGGREGATOR	Nguyễn Quang Minh, Cao Tuấn Dũng	International Journal of Advanced Science and Technology	31/12/2019	Tạp chí Scopus, Q4	2207-6360
49	Robust Adaptive Controller Design for Excavator Arm	Nga Thi-Thuy Vu	International Journal of Mechanical Engineering and Robotics Research	01/01/2020	Tạp chí Scopus, Q4	22780149

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50	Fatigue Life Prediction Under Multiaxial Variable Amplitude Loading Using A Stress-Based Criterion	Quoc Huy VU, Dinh Quy VU, Thi Tuyet Nhung LE	International Journal of Manufacturing, Materials, and Mechanical Engineering (IJMME)	01/01/2020	Tạp chí Scopus, Q4	2156-1680
51	Estimation Resistance of an Explorer Submarine	Tuan Phan Anh, Quang Vu Thanh, He Ngo Van, Quang Le, Huong Pham Thi Thanh	Journal of Mechanical Engineering Research and Developments	01/01/2020	Tạp chí Scopus, Q4	1024-1752
52	Numerical Investigations of Ground Effect of Helicopter UAV For Agriculture Application	K. P. Nguyen, D. T. K. Hoang, K. N. Tran	Journal of Mechanical Engineering Research and Developments	01/01/2020	Tạp chí Scopus, Q3	1024-1752
53	Proposal to Promote the Entrepreneurship Intention of Engineering Students in Vietnam	Trang Doan Thi Thu* and Le Hieu Hoc	GMSARN International Journal	02/01/2020	Tạp chí Scopus, Q4	
54	High precision displacement-measuring interferometer based on phase modulation technique and modulation index effect elimination	Vu Thanh Tung, Vu Toan Thang	IOP Conference Series: Materials Science and Engineering	06/01/2020	Tạp chí Scopus	1757-899X
55	Experimental Study On Performance And Emissions Of A Diesel Engine Using Ethanol And Biodiesel Blended Diesel Fuels	Pham Huu Tuyen, Pham Minh Tuan, Nguyen Van Ninh	Journal of Mechanical Engineering Research and Developments	10/01/2020	Tạp chí Scopus, Q4	1024-1752
56	A Kinetic Model for Predicting Temperature in Modifier Atmosphere Packaging (MAP) for Hung Yen Longan	Ho Huu Phung*, Nguyen Viet Dung, Nguyen Thi Minh Nguyet, Nguyen Thi Hue	Journal of Mechanical Engineering Research and Developments	10/01/2020	Tạp chí Scopus, Q4	1024-1752
57	Synthesis of New Zerubone Derivatives and Their In vitro Anti-cancer Activity	Vu Tien Chinh , Pham Thanh Loan, Vu Xuan Duong , Tran Khac Vu*[ and Luu Van Chinh*	Chiang Mai J. Sci	10/01/2020	Tạp chí Scopus, Q4	0125-2526
58	Modeling Of Superheated Steam Drying Of Wood Particles	K.H. Le, T. T. H. Tran, A. Kharaghani, E. Tsotsas	Journal of Mechanical Engineering Research and Developments	11/01/2020	Tạp chí Scopus	1024-1752
59	Modelling of Drying in Packed Bed by Super Heated Steam	Thi Thu Hang Tran	Journal of Mechanical Engineering Research and Developments	11/01/2020	Tạp chí Scopus, Q4	1024-1752
60	Cardiac radiofrequency ablation tracking using Electrical Impedance Tomography	Nguyen Minh Duc, Pierre Qian, Tony Barry, Alistair McEwan	Biomedical Physics & Engineering Express	13/01/2020	Tạp chí Scopus	2057-1976
61	Numerical Optimization of Baffle Design in a Parallel Heat Exchanger Header Using CFD and Genetic Algorithm	Nguyen Ba Chien, Nguyen Dinh Vinh, Vu Huy Khue, Jong-Taek Oh	Journal of Mechanical Engineering Research & Developments	15/01/2020	Tạp chí Scopus, Q4	1024-1752
62	Experimental Investigation Of Combustion Characteristics Of Woody Biomass Grown In Vietnam	D. Le Duc, L. Nguyen Huu, N. Nguyen Hong, E.Ohno, T.Kozaki, & H.Ishii	Journal of Mechanical Engineering Research and Developments	15/01/2020	Tạp chí Scopus	1024-1752
63	A study on cooling and dehumidification process of a heat pump drying system at low temperature	Hoàng Ngọc Hiếu, Nguyễn Văn Đưa, Vũ Tuấn Anh, Trịnh Quốc Dũng	Journal of mechanical engineering research and developments	16/01/2020	Tạp chí Scopus, Q4	1024-1752
64	Towards The Development of a Smart Drone Police: Illustration in Traffic Speed Monitoring	Thi Thoa Mac, Cosmin Copot, Chyi-Yeu Lin, Hoang Hong Hai, Clara M Ionescu	Journal of Physics: Conference Series	17/01/2020	Tạp chí Scopus	1487 012029
65	An Identification and Tuning Method for Integrating Processes with Deadtime and Inverse Response	Do Cao Trung	GMSARN International Journal	20/01/2020	Tạp chí Scopus, Q4	1905-9094
66	HEAT TRANSFER PERFORMANCE OF UNDERGROUND U-TYPE HEAT EXCHANGER: A CFD MODEL-BASED ANALYSIS	Van Hien Ngo, Kieu Hiep Le, Gia Diem Pham, Van He Ngo, Tien Anh Nguyen, Quoc Bao Nguyen, Tien Cong Do, Quyet Hung Vu, Van Thuan Nguyen	Journal of Mechanical Engineering Research and Developments	31/01/2020	Tạp chí Scopus, Q4	1024-1752
67	Influence of Ag Doping on the Electrochemical Supercapacitor Characteristics of Manganese Dioxide Prepared by Pulsed Potentiostatic Electrodeposition	Thi Thanh Bui Huyen, Anh N. Nguyen, Duong T. Nguyen, Thuy Thi Bich Hoang	Materials Science Forum	01/02/2020	Tạp chí Scopus	ISSN 1662-9752
68	Speed profile optimization of an electrified train in cat linh-ha dong metro line based on pontryagin's maximum principle	An Thi Hoai Thu Anh, Nguyen Van Quyen, Nguyen Thanh Hai, Nguyen Van Lien, Vu Hoang Phuong	International Journal of Electrical and Computer Engineering (IJECE)	01/02/2020	Tạp chí Scopus, Q2	2088-8708

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69	Combining 3D Interpolation, Regression, and Body Features to build 3D Human Data for Garment: An Application to Building 3D Vietnamese Female Data Model	Tran Thi Minh Kieu, Nguyen Tung Mau, Le Van, Pham The Bao	International Journal of Advanced Computer Science and Applications	03/02/2020	Tạp chí Scopus	2156-5570 (Online)
70	Integrating Employee Value model and Churn prediction	Nguyen Thi Ngoc Anh*, Nguyen Danh Tu, Vijender Kumar Solanki, Nguyen Linh Giang, Vu Hoai Thu, Luong Ngoc Son, Nguyen Duc Loc, Vu Thanh Nam	International Journal of Sensors, Wireless Communications and Control	10/02/2020	Tạp chí Scopus, Q4	2210-3279
71	Study on improving emission conversion efficiency of three-way catalyst equipped in carburetor motorcycle by air supplement system	Nguyễn Duy Tiên, Khổng Vũ Quang, Nguyễn Thế Lương, Phạm Hữu Tuyên, Nguyễn Đức Khánh	International Journal of Ambient Energy	20/02/2020	Tạp chí Scopus, Q2	01430750
72	A Hybrid Control Model to Realize Cooperative Operations of an ASV/AUVs Team	Ngo Van Hien, Nguyen Son Tung	International Journal of Mechanical and Mechatronics Engineering	24/02/2020	Tạp chí Scopus, Q2	2227-2771
73	A Numerical Simulation-Based Analysis of Heat Transfer Performance for Underground U-Type Heat Exchanger in the Scope of KC05.21/16-20 Project	Ngo Van Hien, Trinh Minh Hoan, Le Kieu Hiep, Vu Quyet Hung, Pham Gia Die	IOP Conf. Series: Earth and Environmental Science	24/02/2020	Tạp chí Scopus	1755-1315
74	A calculation of energy consumption for residential air conditioners using bin method in the Vietnamese climatic conditions	Quoc Dung TRINH, Tuan Anh VU, Viet Dzung NGUYEN, Hoang Luong PHAM, Thu Ha Thi TRAN	IOP Conf. Series: Earth and Environmental Science	25/02/2020	Tạp chí Scopus	00002011
75	Optimization of the Stabilizer Bar by Using Total Scores Method	Nguyễn Tuấn Anh, Hoàng Thăng Bình	Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	26/02/2020	Tạp chí Scopus	2415-6698
76	The Preparation and Characterization of Cu/AA6061 multi-layer Composite produced by Accumulated Roll Bonding	P Quang and P T Hao	IOP Conf. Series: Materials Science and Engineering	28/02/2020	Tạp chí Scopus	1757-899X
77	Key-Dependent Permutation Layer Based on Two Dimensional Discretized Chaotic Maps for Lightweight Block Ciphers	Ta Thi Kim Hue, Thang Manh Hoang, An Braeken	International Journal of Internet Technology and Secured Transactions	29/02/2020	Tạp chí Scopus	1748-5703
78	Gait-Behavior Optimization Considering Arm Swing and Toe Mechanism for Biped Walking on Rough Road	Van-Tinh Nguyen, Ngoc-Tam Bui, and Hiroshi Hasegawa	International Journal of Mechanical Engineering and Robotics Research	12/03/2020	Tạp chí Scopus	2278-0149
79	Thermal Behavior of Woody Biomass in a Low Oxygen Atmosphere Using Macro-Thermogravimetric Analysis	Huu Linh Nguyen, Duc Dung Le*, Hong Nam Nguyen, and Viet Thieu Trinh	GMSARN International Journal	16/03/2020	Tạp chí Scopus	1905-9094
80	Establishing the State Function to Determine the Turning Radius of the Vehicle When Steering	Nguyen Tuan Anh, Hoang Thang Binh, Tran Van Thang	Universal Journal of Mechanical Engineering	28/03/2020	Tạp chí Scopus, Q4	2332-3361
81	The Upgrading of Ha Tinh Ilmenite to Synthetic Rutile by Becher Process	Binh Ngoc Duong, Than Ngoc Truong, Thao Thi Nguyen	Materials Science Forum	01/04/2020	Tạp chí Scopus, Q3	1662-9752
82	Synthesis and Luminescent Properties of Europium Doped Zirconia Nanoparticles	Nguyen Hoang Viet, Pham Van Huan, Vuong-Hung Pham*	Materials Science Forum	01/04/2020	Tạp chí Scopus	1662-9752
83	Parametric Study on Aerodynamic Performance of a Single-stage Transonic Axial Compressor with Recirculation-bleeding Channels	Ky-Quang Pham, Quang-Hai Nguyen, Tien-Dung Vuong and Cong-Truong Dinh	International Journal of Fluid Machinery and Systems	01/04/2020	Tạp chí Scopus	1882-9554
84	Microstructures In HAZ After Heat Treatment Of Carbon Steel And Austenitic Stainless Steel Welds	Le Thi Nhung, Pham Mai Khanh*, Nguyen Duc Thang, Bui Sy Hoàng	Materials Science Forum	08/04/2020	Tạp chí Scopus, Q3	0255-5476

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85	AN INVESTIGATION AND ANALYSIS OF SURFACE ROUGHNESS AND TOOL WEAR IN DRY POCKET MILLING OF ALUMINUM ALLOY AL7075	LE NHU TRANG, XUAN-THAI TRAN, NGUYEN TRONG HAI & NHU-TUNG NGUYEN	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P):	10/04/2020	Tạp chí Scopus	ISSN(P): 2249-6890; ISSN(E): 2249-8001
86	A New Workload Prediction Model Using Extreme Learning Machine and Enhanced Tug of War optimization	Nguyen, Thieu; Hoang, Bao; Nguyen, Giang; and Nguyen, Binh Minh	Procedia Computer Science	20/04/2020	Tạp chí Scopus	1877-0509
87	A Hybrid Model-Based Realization to Deploy the Controller for a Micro Unmanned Aerial Vehicle	Ngo Van Hien, Pham Gia Diem, Nguyen Phu Hung	International Journal of Mechanical & Mechatronics Engineering	23/04/2020	Tạp chí Scopus, Q2	2227-2771
88	Fabrication of Silicon Carbide from Vietnamese Rice Husk Charcoal and Diatomite by Electric Arc Furnaces	Nguyen Ngoc Minh, Trinh Van Trung	Materials Science Forum	27/04/2020	Tạp chí Scopus	1662-9752
89	Change in the strength of steel grade 11 loaded at room temperature	Anh-Hoa Bui, Thu-Hien Nguyen, Van-Hung Kieu, Xuan-Hiep Dinh, Cao-Son Nguyen, Thi-To-Hang Phung	Materials Science Forum	27/04/2020	Tạp chí Scopus	1662-2975
90	Gear Crack Detection Under Variable Rotating Speed Conditions using A Single Channel Accelerometer	Nguyễn Phong Điền, Nguyễn Trọng Du	International Journal of Mechanical and Production Engineering Research and Development, (IJMPERD)	27/04/2020	Tạp chí Scopus, Q3	ISSN (P): 2249-6890; ISSN (E): 2249-8001
91	The Effect of Oxidation Temperature on Activating Commercial Viscose Rayon-Based Carbon Fibers to Make the Activated Carbon Fibers (ACFs)	Hoang Le VU, Son Huu NGUYEN, Khanh Quoc DANG, Cuong Van PHAM, Hung Thai LE	Materials Science Forum	27/04/2020	Tạp chí Scopus	1662-9752
92	Synthesis of Ordered Mesoporous Carbon from Vietnam Natural Kaolin Clay for Supercapacitor Application	Nam T.H. Chu, Quang L.D. Ngo, Hang T.T. Le	Materials Science Forum	27/04/2020	Tạp chí Scopus, Q3	0255-5476
93	General Variable Neighborhood Search for the Quote-Travelling Repairman Problem	Ban Hà Bằng	Journal of Advanced Computer Science and Applications(IJACSA)	30/04/2020	Tạp chí Scopus, Q4	2156-5570
94	Assessment of information technology use competence for teachers:Identifying and applying the information technology competence framework in online teaching	Thanh Phan Chi, Thanh Ngo Tu, Tien Phan Minh,	Journal of Technical Education and Training (JTET).	30/04/2020	Tạp chí Scopus, Q4	ISSN : 2229-8932 e-ISSN : 2600-7932
95	Production Magnesium by Thanh Hoa Dolomite Via Vacuum Reduction Process	Vu V. Quyen, Nguyen D. Nam, Vu T.T. Trang, L.T.H. Giang, Tran D. Huy, D.N. Binh	Technology Reports of Kansai University	30/04/2020	Tạp chí Scopus, Q4	04532198
96	Experiment based comparative analysis of stator current controllers using predictive current control and proportional integral control for induction motors	Vo Thanh Ha, Tran Trong Minh, Nguyen Tung Lam, Nguyen Hong Quang	Bulletin of Electrical Engineering and Informatics	01/05/2020	Tạp chí Scopus, Q3	ISSN: 2089-3191, eISSN: 2302-9285
97	Wireless power transfer system design for electric vehicle dynamic charging application	Nguyễn Thị Diệp, Nguyễn Kiên Trung, Trần Trọng Minh	International Journal of Power Electronics and Drive Systems	06/05/2020	Tạp chí Scopus	20888694
98	Determination of trace Cadmium in water and fish species from estuaries in Tien Hai, Thai Binh, Vietnam By GF-AAS	Quang Vinh Nguyen, Anh-Tuan Vu	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	07/05/2020	Tạp chí Scopus, Q4	0974-6846
99	The Effect of Temperature on the Viscosity of Cobalt Ferrite Nanofluids	Duong Hong Quyen, Tran Van Anh, Hoang Thi Kieu Nguyen	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	07/05/2020	Tạp chí Scopus, Q4	2278-3075
100	A Perturbation Finite Element Approach for Correcting Inaccuracies on Thin Shell Models with the Magnetic Field Formulation	Vuong Dang Quoc, Quang Nguyen Duc	Adv. Sci. Technol. Eng. Syst. J.,	11/05/2020	Tạp chí Scopus, Q3	2415-6698

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101	Engine performance and combustion characteristics of a direct injection compression ignition engine fueled waste cooking oil synthetic diesel	Thanh Viet Nguyen, Khanh Duc Nguyen, Nang Xuan Ho, Vinh Duy Nguyen	International Journal of Coal Science & Technology	11/05/2020	Tạp chí Scopus, Q1	20958293
102	Influence of blade tip clearance on performance of multistage compressors	Phan Anh Tuan, Nguyen Dai Quy	Journal of Mechanical Engineering Research & Developments	12/05/2020	Tạp chí Scopus	1024-1752
103	A Structural Equation Model of Blended Learning Culture in the Classroom	Nguyễn Tiến Long, Nguyễn Văn Hạnh	International Journal of Higher Education	14/05/2020	Tạp chí Scopus	1927-6044
104	A Structural Equation Model of Blended Learning Culture in the Classroom	Nguyễn Tiến Long, Nguyễn Văn Hạnh	International Journal of Higher Education	14/05/2020	Tạp chí Scopus	1927-6044
105	Effect of drying methods on sensory and physical characteristics, nutrient and phytochemistry compositions, Vitamin, and antioxidant activity of Grapes seaweed Caulerpa lentillifera grown in Vietnam	Nguyen Xuan Hoan, Duong Hong Quan, Dinh Huu Dong, Nguyen Thi Phuong, Do Thi Yen, Nguyen Xuan Cuong, Hoang Thai Ha, Pham Van Thinh	Journal of Pharmaceutical Sciences and Research	18/05/2020	Tạp chí Scopus	0975-1459
106	Microstructure Of The Nickel-Base Aging Martensite Alloy After Spinning Process Of Thin Tube At Different Strain Reduction	Le Trung Kien, Nguyen Thai Hoc, Pham Van Cuong, Le Thai Hung	Journal of Mechanical Engineering Research & Developments	22/05/2020	Tạp chí Scopus	
107	Nonlinear Dynamic Behaviour Analysis of a Clutch System with Uncertainties Using Polynomial Chaos and the Constrained Harmonic Balance Method	M.-H. Trinh, S. Berger and E. Aubry	Shock and Vibration Journal	26/05/2020	Tạp chí Scopus	ISSN: 1875-9203
108	Prospect of dark matter searches in split SUSY models	Nobuchika Okada, Hieu Minh Tran	Journal of Physics: Conference Series	27/05/2020	Tạp chí Scopus	1742-6596
109	Dynamics heterogeneity and diffusion mechanism in sodium-silicate melts: Molecular dynamics simulation	Nguyen Thi Thanh Ha	Journal of Physics: Conference Series	27/05/2020	Tạp chí Scopus, Q2	
110	Molecular dynamics simulation of microstructure and atom-level mechanism of crystallization pathway in iron nanoparticle	GTT Trang, PH Kien, PH Hung, NTT Ha	Journal of Physics: Conference Series	27/05/2020	Tạp chí Scopus, Q2	
111	Metaheuristic for the Capacitated Multiple Traveling Repairman Problem	Ha-Bang Ban, Khanh-Phuong Nguyen	International Journal of Advanced Computer Science and Applications	30/05/2020	Tạp chí Scopus, Q4	2156-5570
112	Cycle time enhancement by simulated annealing for a practical assembly line balancing problem	Huong Mai Dinh, Dung Viet Nguyen, Long Van Truong, Thuan Phan Do, Thao Thanh Phan, Nghia Duc Nguyen	Informatica	01/06/2020	Tạp chí Scopus, Q4	ISSN 0350-5596
113	New analysis characterizing the dynamics heterogeneity and microstructure in liquid silicates	Nguyen Thu Nhan and Pham Khac Hung	Journal of Physics: Conference Series	01/06/2020	Tạp chí Scopus, Q3	1506
114	Supervised attention for answer selection in community question answering	Thanh Thi Ha, Atsuhiko Takasu, Thanh Chinh Nguyen, Kiem Hieu Nguyen, Van Nha Nguyen, Kim Anh Nguyen, Son Giang Tran	IAES International Journal of Artificial Intelligence	01/06/2020	Tạp chí Scopus	2089-4872
115	Effect of Actuator Torque Degradation on Behavior of a 6-DOF Industrial Robot	Le Ngoc Truc, Nguyen Tuan Nghia, Nguyen Trung Thanh, Nguyen Minh Thien, Tung Lam Nguyen	Universal Journal of Mechanical Engineering	01/06/2020	Tạp chí Scopus, Q4	ISSN: 2332-3353 (Print) ISSN: 2332-3361 (Online)
116	STUDY OF WETTING ON THE NON-IMAGE AREA OF OFFSET PRINTING PLATES BY AN ALTERNATIVE ISO-PROPYL ALCOHOL-FREE FOUNTAIN SOLUTION	Anh Tuan Phung, Quang Hung Nguyen, Hong Quyen Duong, Hong Ha Cao	ASEAN Engineering Journal	01/06/2020	Tạp chí Scopus	2586-9159
117	Backstepping Control of Rewinding Systems with Flexible Couplings	Thi Ly Tong, Hiep Binh Nguyen, Duc Thanh Cao, Tung Lam Nguyen	Universal Journal of Electrical and Electronic Engineering	01/06/2020	Tạp chí Scopus, Q4	ISSN: 2332-3280 (Print), ISSN: 2332-3299 (Online)
118	Molecular dynamics simulation of amorphous silica under pressures	G T T Trang, P H Kien, P K Hung and N V Hong	Journal of Physics	01/06/2020	Tạp chí Scopus, Q3	

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119	GA Based Multi-Objective Optimization Of Capacitor Sizing And Location in Distribution System With Electric Arc Furnaces	Le Minh Thang, Dinh Trung Hieu, Bach Quoc Khanh*, Nguyen Khac Phong, Tran Manh Hung	GMSARN International Journal	01/06/2020	Tạp chí Scopus, Q3	ISSN:1905-9094
120	Wireless Charging System Design for Electric Bicycle Application	Nguyễn Thị Điệp, Nguyễn Kiên Trung, Trần Trọng Minh	International Journal of Power Electronics and Drive Systems	02/06/2020	Tạp chí Scopus	20888694
121	An Experimental Study of the Effect of the External Load on The Stiffness and Longevity of Spindle Bearings	HUNG PHAM VAN1 , DUONG NGUYEN THUY2*, TAM PHAM MINH3	International Journal of Mechanical and Production Engineering Research and Development	03/06/2020	Tạp chí Scopus, Q3	2249-8001
122	Design and optimize a novel ergonomic shoulder of upper limb rehabilitation robot	Thanh-Trung Nguyen, Ngoc-Linh Tao, Van-Tinh Nguyen, Xuan-Thanh Trinh, Van-Thien Dang, Tung-Hiep Dinh, Minh-Hoang Bui, Quang-Huy Bui, Duy-Phuc Pham, Ngoc-Tam Bui, Dai Watanabe	International Journal of Mechanical and Production Engineering Research and Development	04/06/2020	Tạp chí Scopus	2249-8001
123	Development a Machine for Drinking Water Processed with Hybrid Green Energy for Removed Areas in Vietnam	Tuan Phan Anh, Tan Nguyen Minh	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	04/06/2020	Tạp chí Scopus, Q3	ISSN (P): 2249-6890; ISSN (E): 2249-8001
124	GEAR FAULT DIAGNOSIS BASED ON ADAPTIVE TIME-FREQUENCY FEATURE EXTRACTION AND BSA-SVM METHOD	hoàng Long	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	05/06/2020	Tạp chí Scopus, Q3	2249-6890
125	Utilization of Waste Cooking Oil via Recycling as Biofuel for Diesel Engines	Hoi Nguyen Xa, Thanh Nguyen Viet, Khanh Nguyen Duc, Vinh Nguyen Duy	Recycling	08/06/2020	Tạp chí Scopus, Q2	23134321
126	ZVS based on Dead-Time Analysis of Three Port Half Bridge Converters	Vu Hoang Phuong, Nguyen Manh Linh, Pham Viet Phuong	International Journal of Power Electronics and Drive Systems (IJPEDS)	10/06/2020	Tạp chí Scopus, Q2	20888694
127	HIL Co- Simulation of Finite Set-Model Predictive Control Using FPGA For a Three Level CHB Inverter	Mai Van Chung, Do Tuan Anh, Vu Hoang Phuong, Nguyen Manh Linh	International Journal of Power Electronics and Drive Systems (IJPEDS)	10/06/2020	Tạp chí Scopus, Q2	20888694
128	AMMONIA GAS SENSING PROPERTIES AT LOW TEMPERATURES OF NANOCOMPOSITES OF GRAPHENE OXIDE AND TUNGSTEN OXIDE NANOBLOCKS	Tu Cong NGUYEN, Kiet Anh NGUYEN, Minh Nhat PHUNG, Dinh Xuan NGO, Tuan Anh LE, Tho Duc DO, Lan Anh Thi LUU, Lam Huu NGUYEN	VIETNAM JOURNAL OF SCIENCE AND TECHNOLOGY	12/06/2020	Tạp chí Scopus	2525-2518
129	Temperature independence of the heat capacity of liquid water at atmospheric pressure	T. T. Nhan and L. Tuan	J. of Phys: Conf. Ser.	14/06/2020	Tạp chí Scopus, Q3	
130	Mekong River Delta Agricultural Mechanization Development: Case Study in Vinh Long Province, Viet Nam	Huy Bich Nguyen, Van Liem Nguyen Van Lanh Nguyen, Tuan Anh Bui	International Journal on Advanced Science, Engineering and Information Technology (IJASEIT)	16/06/2020	Tạp chí Scopus	ISSN: 2088-5334
131	OPTIMAL CLOTHING LAYERS OF THICKNESS FOR WORKING IN THE HIGH TEMPERATURE ENVIRONMENTAL	La Thi Ngoc Anh, Le Thi Dung	International Journal of Advanced Research in Engineering and Technology	16/06/2020	Tạp chí Scopus	ISSN Print: 0976-6480 and ISSN Online: 0976-6499
132	EXPERIMENTAL STUDIES ON THE RHEOLOGICAL PROPERTIES OF COBALT FERRITE NANOFLOUIDS	DUONG HONG QUYEN, HOANG THI KIEU NGUYEN	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	20/06/2020	Tạp chí Scopus, Q3	ISSN (P): 2249-6890; ISSN (E): 2249-8001
133	Determinants of university research and development outcomes – a study from faculty's perspectives	Nguyễn Danh Nguyễn, Nguyễn Đăng Tuệ	International Journal of Innovation and Learning	24/06/2020	Tạp chí Scopus, Q3	ISSN 1471-8197
134	The Determinants of Distribution of Credit Evidence from Vietnam	Trần Thị Anh, Nguyễn Đăng Tuệ, Phạm Hoàng Giang	Journal of Distribution Science	24/06/2020	Tạp chí Scopus, Q4	ISSN 1738-3110

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135	Behavior of Friction in Pneumatic Cylinders with Different Relative Humidity	V.-H. Pham , T.-D. Nguyen,* , T.-A. Bui	Tribology in Industry	28/06/2020	Tạp chí Scopus, Q2	2217-7965
136	Design and Development of a Drive System Integrated a Continuously Variable Transmission (CVT) for an Electric Motorcycle	Tuan-Anh Buia,1*, Huy-Bich Nguyenb, Van-Hung Phama,2, Manh-Toan Nguyena,3	international journal on advanced science engineering information technology	29/06/2020	Tạp chí Scopus, Q2	ISSN 2088-5334
137	EFFECT OF AL2O3 NANOPARTICLE ON RHEOLOGICAL PROPERTIES OF OIL	TUAN-ANH BUI, VAN-HUNG PHAM, MANH-TOAN NGUYEN, and NGOC-TAM BUI	International Journal of Mechanical and Production Engineering Research and Development	29/06/2020	Tạp chí Scopus	ISSN(Print) : 2249-6890 ISSN(Online) : 2249-8001
138	AN EVALUATION OF MECHANICAL CHARACTERISTICS OF AN ELECTRIC MOTORCYCLE WITH A DRIVE SYSTEM INTEGRATED A CVT TRANSMISSION	TUAN-ANH BUI1, VAN-HUNG PHAM1, MANH-TOAN NGUYEN1*, THUY-DUONG NGUYEN1* and NGOC-TAM BUI1,2*	International Journal of Mechanical and Production Engineering Research and Development	29/06/2020	Tạp chí Scopus, Q3	Print: 2249-6890/ online: 2249-8001
139	A STUDY OF AL2O3 NANOPARTICLE EFFECT ON LUBRICANT TO HYDRODYNAMIC JOURNAL BEARING	TUAN-ANH BUI1, DUC-DO LE1*, VAN-HUNG PHAM1, MANH-TOAN NGUYEN1 and NGOC-TAM BUI1,2*	International Journal of Mechanical and Production Engineering Research and Development	29/06/2020	Tạp chí Scopus, Q3	ISSN(Print) : 2249-6890 ISSN(Online) : 2249-8001