

**DANH SÁCH BÀI BÁO TRÊN TẠP CHÍ KHOA HỌC QUỐC TẾ UY TÍN
TRONG DANH MỤC ISI, SCI, SCIE NĂM 2020**

ĐƠN VỊ: TRƯỜNG ĐẠI HỌC XÂY DỰNG

(Kèm theo Quyết định số ~~494~~ /QĐ-BGDĐT ngày 31 tháng 12 năm 2020)

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1.	Toward a sustainable city of tomorrow: a hybrid Markov–Cellular Automata modeling for urban landscape evolution in the Hanoi city (Vietnam) during 1990–2030	Nguyen An Thinh (a), Le Thi Minh Phuong (b), Pham Minh Tam (a), Hoang Thi Thu Huong (c), Nguyen Quang Minh (d), Ta Quynh Hoa (d), Phung Thi My Hanh(d), Le Thi Thu Ha (e), Luc Hens (f)	Environment, Development and Sustainability	
2.	Quantification of Tafel coefficients according to passive/active state of steel carbonation-induced corrosion in concrete	Frédéric Duprat (a), Thomas de Larrard (a), Vũ Ngọc Trụ (b)	Materials and Corrosion	
3.	Assessing the Three-Dimensional Behaviour of Dry Stone Retaining Walls by Full-Scale Experiments	Lê Hồng Hạnh (a), Jean-Claude Morel (b), Anne-Sophie Colas* (c), Benjamin Terrade (c), Denis Garnier (d)	International Journal Of Architectural Heritage	
4.	Simulation and Analysis of Cavitating Flow in the Draft Tube of the Francis Turbine with Splitter Blades at Off-Design Condition	Cong Trieu Tran (a;c) , Xinping Long * (a;b); Bin Ji (a;b)	Tehnicki Vjesnik- (Technical Gazette)	
5.	Double-Curvature Test of Reinforced Concrete Columns Using Shaking Table: A New Test Setup	Nguyễn Ngọc Linh * (a), Nguyễn Văn Hùng (a), Nguyen Xuan Huy (b), Le Minh Cuong (b), Phạm Xuân Đạt (a)	Civil Engineering Journal	
6.	Algebraic dependences of Gauss maps of algebraic complete minimal surfaces sharing hyperplanes without counting multiplicities	Phạm Đức Thoan	Annals of the University of Craiova - Mathematics and Computer Science Series	
7.	An improvement of a hydraulic self-climbing formwork	Nguyễn Văn Tịnh* (a), Nguyễn Kiếm Anh (a), Nguyễn Văn Linh (b)	Archive of Mechanical Engineering	
8.	Computational Fluid Dynamics Study on Attainable Flow Rate in a Lamella Settler by Increasing Inclined Plates	The-anh Nguyen* (a;b), Đào Thị Minh Nguyệt, Bing Liu, Mitsuharu Terashima, Hidenari Yasui	Journal of Water and Environment Technology	
9.	Improvement of Suspended Solids Removal Efficiency in Sedimentation Tanks by Increasing Settling Area Using Computational Fluid Dynamics	The-anh Nguyen* (a;b), Đào Thị Minh Nguyệt (c), Mitsuharu Terashima (a), Hidenari Yasui (a)	Journal of Water and Environment Technology	
10.	The smell of coffee: the carbon atom microwave structure of coffee furanone validated by quantum chemistry	Vinh Van (a), Wolfgang Stahl (a), Minh Tuyen Nguyen (b), Ha Vinh Lam Nguyen (c)	Canadian Journal of Physics	
11.	A spatially explicit deep learning neural network model for the prediction of landslide susceptibility	Dong VanDao a Abolfazl Jaafari b Mahmoud Bayat b Davood Mafi-Gholami c Chongchong Qid Hossein Moayedi e f Tran VanPhong g Hai-BangLya Tien-	Catena	

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		ThinhLehPhan TrongTrinh ChinhLuu (i) Nguyen KimQuoc j Bui Nhi Thanh k Binh Thai Pham a		
12.	Comparison of macropore structures and networks of autoclaved aerated concrete blocks using micro-focus x-ray computed tomography	Akihiro MATSUNO *(a) , Shin ISHIZUKA (a), Trong Lam NGUYEN (b), Nguyen Tien DUNG (b), Van Tuan NGUYEN (b), Hoang Giang NGUYEN (b), and Ken KAWAMOTO (a)	International Journal of GEOMATE	
13.	A Remark on the Tautness modulo an Analytic Hypersurface of Hartogs-Type Domains	Phạm Đức Thoan	Ukrains'kyi Matematychnyi Zhurnal (Ukrainian Mathematical Journal)	
14.	q-Differences Theorems for Meromorphic Maps of Several Complex Variables Intersecting Hypersurfaces	Pham Duc Thoan (a) *, Nguyen Hai Nam (a) and Noulorvang Vangty (b)	Asian-European Journal of Mathematics	
15.	Hierarchical porous carbon derived from activated biochar as an eco-friendly electrode for the electrosorption of inorganic ions	Dinh Viet Cuong (a,b), Po-ChangWua (a,c), Nei-LingLiu (a), Chia-HungHou * (a,c)	Separation and Purification Technology	
16.	A mathematical model of a nitrifying expanded-bed reactor for the pretreatment of drinking water	Nguyet Thi-Minh Dao (a,b), The-AnhNguyen, Viet-AnhNguyen (b), MitsuharuTerashima*, RajeevGoel, HidenariYasui	Biochemical Engineering Journal	
17.	Modelling quantities and qualities (Q&Q) of faecal sludge in Hanoi, Vietnam and Kampala, Uganda for improved management solutions	Miriam Englund (a), Juan Pablo Carbajal (b), Amede Ferre (a,c), Magalie Bassan (a,c), An Thi Hoai Vu (d), Viet-Anh Nguyen (d), Linda Strande* (a)	Journal of Environmental Management	
18.	On-site rainwater harvesting and treatment for drinking water supply: assessment of cost and technical issues	Son H. Tran * (a), Huyen T.T. Dang (a), Dung A. Dao (a), Viet-Anh Nguyen (a), Lien T. Nguyen (a), Viet-Anh Nguyen (a) & Mooyoung Han (b)	Environmental Science and Pollution Research	
19.	Free vibration of stiffened functionally graded circular cylindrical shell resting on Winkler–Pasternak foundation with different boundary conditions under thermal environment	Trần Minh Tú (a), Nguyễn Văn Lợi * (a), Phạm Sỹ Đồng (a), Jaroon Rungamornrat (b)	Acta Mechanica	
20.	Uncertainty quantification of the mechanical properties of lightweight concrete using micromechanical modelling	TuanNguyen (a) , AbdallahGhazlan (a), ThangNguyen (b), Huu-TaiThai (a), TuanNgo* (a)	International Journal of Mechanical Sciences	
21.	Insights of environmental impact assessment reports for industrial parks: wastewater quantity prediction aspect	Pham Thi Thuy* (a), Pham Thanh Tuan (b), Dang Thi Thanh Huyen (c) & Nguyen Manh Khai (a)	Environmental Monitoring and Assessment	
22.	A new four-variable refined plate theory for static analysis of smart laminated functionally graded carbon nanotube reinforced composite plates	Trần Hữu Quốc * (a), Trần Minh Tú (a), Vũ Văn Thâm (a), Phuong Nguyen-Tri * (b,c)	Mechanics of Materials	
23.	Gradient estimates for some evolution equations on complete smooth metric measure spaces	Nguyen Thac Dung (a,b), Kieu Thi Thuy Linh (c) and Ninh Van Thu (d)	Publicationes Mathematicae Debrecen	
24.	Prediction of the precessing vortex core in the Francis-99 draft tube under off-	Trần Công Triệu (a, b, c), Xin-ping Long* (a, b), Bin Ji (a), Chao-qun	Journal of Hydrodynamics	

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	design conditions by using Liutex/Rortex method	Liu (d)		
25.	Assessing the social costs of urban transport infrastructure options in low and middle income countries	Vũ Minh Tâm* (a), John Preston (b)	Transportation Planning and Technology	
26.	Thermodynamic properties of topological crystalline insulator SnTe (001) thin film in the presence of Zeeman magnetic field	H.D.Bui (a), Ta T.Tho (b), P.T.T.Le* (c)	Physica E: Low-dimensional Systems and Nanostructures	
27.	Representation of Weinstein k-Monogenic Functions by Differential Operators	Doan Cong Dinh* (a), Lương Thị Tuyết (b)	Complex Analysis and Operator Theory	
28.	The effects of tangential ground-lining interaction on segmental lining behavior using the beam-spring model	Anh The Pham * (a,b), Mitsutaka Sugimoto (a)	Applied Sciences-Basel	
29.	Prediction of shoreline changes in Almanarre beach using geospatial techniques	Vu, Minh Tuan (a,b); Lacroix, Yves* (a); Than, Van Van (c); Nguyen, Viet Thanh (d)	Indian Journal of Geo-Marine Sciences	
30.	Swaying displacement measurement for structural monitoring using computer vision and an unmanned aerial vehicle	Khúc Đăng Tùng * (a), Tuan AnhNguyen (b), HieuDao (b), F. NecatiCatbas (c)	Measurement: Journal of the International Measurement Confederation	
31.	Effective elastic stiffness of 2D materials containing nanovoids of arbitrary shape	TungDoan (a,b); HungLe-Quang* (a) Quy-DongTo* (a)	International Journal of Engineering Science	
32.	How do fatalistic beliefs affect the attitudes and pedestrian behaviours of road users in different countries? A cross-cultural study	Rich C.McIlroy* (a); Gilbert O.Kokwaro ©, JianpingWu (d) Usanisa Jikyong (e); NamVũ Hoài (f); Md. ShamsulHoque g John M.Preston b Katherine L.Plant a Neville A.Stanton a	Accident Analysis and Prevention	
33.	Effect of attitudes towards traffic safety and risk perceptions on pedestrian behaviours in Vietnam	D.D.Dinh* (a), N.H.Vu (a), R.C.McIlroy (b), K.A.Plant (b), N.A.Stanton (b)	IATSS Research	
34.	Examining the roles of multidimensional fatalism on traffic safety attitudes and pedestrian behaviour	D.D.Dinh * (a), N.H.Vu (a), R.C.McIlroy (b), K.A.Plant (b), N.A.Stanton (b)	Safety Science	
35.	Optimization of nonlinear inelastic steel frames considering panel zones	Manh-HungHa* (a), Quang-VietVu* (b), Viet-HungTruong* (c)	Advances in Engineering Software	
36.	Investigation of Interaction between Extreme Waves and a Moored FPSO using FNPT and CFD Solvers	Zheng Zheng Hu (a), Shiqiang Yan* (b), Deborah Greaves (a), Tri Mai (a,c), Alison Raby (a), Qingwei Ma (b)	Ocean Engineering	
37.	Shallow landslide susceptibility mapping: A comparison between logistic model tree, logistic regression, naïve bayes tree, artificial neural network, and support vector machine algorithms	Viet-Ha Nhu 1,2 ,Ataollah Shirzadi 3 ,Himan Shahabi 4,5 ,Sushant K. Singh 6 ,Nadhir Al-Ansari 7,* ,John J. Clague 8,Abolfazl Jaafari 9 ,Wei Chen 10,11,Shaghayegh Miraki 12,Jie Dou 13 ,Chinh Luu 14,Krzysztof Górski 15 ,Binh Thai Pham 16,* ,Huu Duy Nguyen 17 andBaharin Bin Ahmad 18	International Journal of Environmental Research and Public Health	
38.	Secrecy Outage Probability and Fairness of Packet Transmission Time	Pham Huu Tung (a), Ninh Thị Thanh Tâm (b), Nguyễn Yên Chi	IEEE Access	

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	in a NOMA System	(c), Trần Hùng* (d), Nguyễn Đình Việt (e), Võ Nhân Văn. (f)		
39.	Coupled molecular dynamics and micromechanics study of planar elastic properties of graphene with void defects	Tung Doan (a,b), Quy Dong To* (a), Hung Le Quang * (a)	Mechanics of Materials	
40.	Fractal geometry and applicability to biological simulation shapes for sustainable architecture design in Vietnam	Lê Thị Phương Chi *	Environmental Science and Pollution Research	
41.	Understanding the electronic properties, contact types and optical performances in graphene/InN heterostructure: Role of electric gating	Chuong V. Nguyen* (a), Tan Phat Dao (b), Ta T. Tho (c), Le T. Hoa (d), Nguyen N. Hieu (e), Huynh V. Phuc (f), M. Idrees (g), Bin Amin (h), P.T.T. Le (i)	Diamond and Related Materials	
42.	New approach of water quantity vulnerability assessment using satellite images and GIS-based model: An application to a case study in Vietnam	Thu Thuy Nguyen (a), Huu Hao Ngo (a,b,g), Wenshan Guo (a), Hong Quan Nguyen (c,d), Chinh Luu (e), Kinh Bac Dang (f), Yiwen Liu (a), Xinbo Zhang (g)	Science of The Total Environment	
43.	Wave Overtopping Discharge for Very Gently Sloping Foreshores	Thu-Ha Nguyen* (a; b), Bas Hofland, Vu Dan Chinh (b) and Marcel Stive	Water	
44.	Efficiency of mono-stable piezoelectric Duffing energy harvester in the secondary resonances by averaging method. Part 1: Sub-harmonic resonance	N.D.Anh (a), Nguyen NgocLinh (b), Nguyen VanManh (c), Vu Anh Tuan (c), Nguyen VanKuu (b), Anh TayNguyen (d), IsaacElishakoff* (e)	International Journal of Non-Linear Mechanics	
45.	Investigation of Flexural Behavior of a Prestressed Girder for Bridges Using Nonproprietary UHPC	Hoa D. Pham (a), Tung Khuc* (a), Tuan V. Nguyen (b), Hung V. Cu (a), Danh B. Le (a), and Thanh P. Trinh	Advances in concrete construction	
46.	Upper Semicontinuity of the Solution Map to a Parametric Elliptic Optimal Control Problem	TS. Nguyễn Hải Sơn * (a), TS. Nguyễn Bằng Giang (b)	Set-Valued and Variational Analysis	
47.	Experimental study on mechanical and hydraulic properties of porous Geopolymer concrete	Nguyễn Tuấn Trung* (a), Phan Quang Minh (a), Phạm Thanh Tùng (a), Nguyễn Việt Phương (b)	International Journal of GEOMATE	
48.	Revisiting the concept of characteristic compressive strength of concrete	Chi-CongVu* (a), OlivierPlé (b), JérômeWeiss (c), DavidAmitrano (c)	Construction and Building Materials	
49.	Nonlinear buckling and post-buckling behavior of shear deformable sandwich toroidal shell segments with functionally graded core subjected to axial compression and thermal loads	Pham Minh Vuong (a, b), Nguyen Dinh Duc* (c,d,e)	Aerospace Science and Technology	
50.	Damage detection in girder bridges using modal curvatures gapped smoothing method and Convolutional Neural Network: Application to Bo Nghi bridge	Duong Huong Nguyen (a,b); QuocBao Nguyen (b); T.Bui-Tien (c); GuidoDe Roeck (d); MagdAbdel Wahab* (e,f)	Theoretical and Applied Fracture Mechanics	
51.	Free vibration of a horizontal functionally graded rectangular plate submerged in fluid medium	Tran IchThinh (a), Tran Minh Tu* (b), NguyenVan Long (b)	Ocean Engineering	
52.	Waste generation, composition, and handling in building-related construction and demolition in Hanoi, Vietnam	Ngoc HanHoang (a), Tomonori Ishigaki (a), Rieko Kubota (a), Ton KienTong (b), Trung Thang Nguyen (c), Hoang Giang Nguyen	Waste Management	

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		(b), Masato Yamada (a), Ken Kawamoto (b,d)		
53.	Compaction characteristics and cbr of sludge blended with recycled clay bricks for road subgrade application	Muhammad Rashid Iqbal , Ken Kawamoto ^{1,2} , Taro Uchimura ¹ , Nguyen Tien Dung ² , Tong Kien Ton ² , Nguyen Van Tuan ² , and Nguyen Hoang Giang ²	International Journal of GEOMATE	
54.	Nonlinear analysis of buckling and postbuckling of functionally graded variable thickness toroidal shell segments based on improved Donnell shell theory	Tran IchThinh * (a); Dao HuyBich (b); Tran MinhTu (c); Nguyen Van Long (c)	Composite Structures	
55.	Building and property management framework for state schools in New Zealand	An Thi Hoai Le, Niluka Domingo, Eziaku Onyeizu Rasheed, Kenneth Sungho Park	FACILITIES	
56.	Assessment of Nutrients Removal by Constructed Wetlands Using Reed Grass (<i>Phragmites australis</i> L.) and Vetiver Grass (<i>Vetiveria Zizanioides</i> L.)	Nguyen Minh KY (1), Nguyen Tri Quang HUNG (1), Nguyen Cong MANH (1), Bui Quoc LAP* (2), Huyen Thi Thanh DANG (3) and Akinori OZAKI (4)	Journal of the Faculty of Agriculture Kyushu University	
57.	The simple way to upgrade the Daylight Standard for tropical Vietnam	Phuong Thi Khanh NGUYEN* ^{1,2} , Aleksei Kirillovich SOLOVYOV 2, Hoa Thi NGUYEN 1	Light & Engineering	
58.	Assignability of dichotomy spectra for discrete time-varying linear control systems	Le Viet Cuong (a), Thai Son Doan (b,c)	Discrete and Continuous Dynamical Systems - Series B	
59.	Fuzzy static finite element analysis for functionally graded structures with semi-rigid connections	Phạm Hoàng Anh* (a), Trương Việt Hùng (b), Trần Minh Tú (a)	Structures	
60.	Towards generalized ship's manoeuvre models based on real time simulation results in port approach areas	N.M.Quy (a); Kinga Lazuga (b); Lucjan Gućma * (b); J.K.Vrijling (c); P.H.A.J.M. van Gelder (c)	Ocean Engineering	
61.	Loofah sponges as bio-carriers in a pilot-scale integrated fixed-film activated sludge system for municipal wastewater treatment	Huyen T.T. Dang (a) , Cuong V. Dinh (a), Khai M. Nguyen * (b), Nga T.H. Tran (b), Thuy T. Pham (b) and Roberto M. Narbaitz (c)	Sustainability	
62.	A hybrid model for predicting the axial compression capacity of square concrete-filled steel tubular columns	Sy Hung Mai (a), Mohamed El Amine Ben Seghier* (b), Phuong Lam Nguyen (c), Jafar Jafari-Asl (d) & Duc-Kien Thai * (e)	Engineering with Computers	
63.	A NEURAL NETWORK APPROACH FOR PREDICTING HARDENED PROPERTY OF GEOPOLYMER CONCRETE	Tung Thanh Pham (a), *Tu Trung Nguyen (b), Linh Ngoc Nguyen (a), Phuong Viet Nguyen (c)	International Journal of GEOMATE	
64.	A robust method for safety evaluation of steel trusses using Gradient Tree Boosting algorithm	Viet-Hung Truong (a), Quang-Viet Vu (b,c), Huu-Tai Thai (d), Manh-Hung Ha * (e)	Advances in Engineering Software	
65.	Fuzzy finite element analysis for free vibration response of functionally graded semi-rigid frame structures	Phạm Hoàng Anh * (a), Viet Hung Truong (b), Tien Chuong Vu (a)	Applied Mathematical Modelling	
66.	Nonlinear static and dynamic stability of functionally graded toroidal shell segments under axial compression	Pham Minh Vuong (a, b), Nguyen Dinh Duc* (c,d,e)	Thin-Walled Structures	
67.	Framework of Spatial Flood Risk Assessment for a Case Study in Quang Binh Province, Vietnam	Chinh Luu 1,* ,Hieu Xuan Tran 2,Binh Thai Pham 3,* ,Nadhir Al-Ansari 4,* ,Thai Quoc Tran 2,Nga	Sustainability	

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68.	Experimental Assessment of the Flow Resistance of Coastal Wooden Fences	Hoang Tung Dao* (a,b), Bas Hofland (a), Marcel J. F. Stive (a), Tri Mai (c)	Water	
69.	Hydroelasticity effects on water-structure impacts	T. Mai (a,b), C. Mai (c), A. Raby (a), D. M. Greaves (a)	Experiments in Fluids	
70.	Critical Success Factors and a Contractual Framework for Construction Projects Adopting Building Information Modeling in Vietnam	Thuy-Ninh Dao (a;b), Po-Han Chen* (a), The-Quan Nguyen (b)	International Journal of Civil Engineering	
71.	Using a beam wheel tracker fatigue test to evaluate fatigue performance of asphalt mixtures	Van Bich Nguyen* (a,b), Nick Thom (a)	Road Materials and Pavement Design	
72.	Algebraic dependences and finiteness of meromorphic mappings sharing $2n + 1$ hyperplanes with truncated multiplicities	Pham Duc Thoan* (a) and Noulorvang Vangty (b)	Kodai mathematical journal	
73.	Nonlinear vibration of functionally graded porous variable thickness toroidal shell segments surrounded by elastic medium including the thermal effect	Chu Thanh Binh, Nguyen Van Long*, Tran Minh Tu, Phan Quang Minh	Composite Structures	
74.	Strut-and-tie model for shear capacity of corroded reinforced concrete columns	Cao Thanh Ngoc Tran (a), Xuan Huy Nguyen (b), Huy Cuong Nguyen (c) and Ngoc Son Vu (d)	Advances in Concrete Construction	
75.	Insights of healthcare waste management practices in Vietnam	Huyen T. T. Dang (a), Hung V. Dang (b) & Tuong Q. Tran (c)	Environmental Science and Pollution Research	
76.	Static flexural analysis of sandwich beam with functionally graded face sheets and porous core via point interpolation meshfree method based on polynomial basic function	Truong Hoai Chinh (a), Tran Minh Tu (b), Do Minh Duc (a) & Tran Quang Hung (a)	Archive of Applied Mechanics	
77.	Free Vibration Analysis of Laminated Functionally Graded Carbon Nanotube-Reinforced Composite Doubly Curved Shallow Shell Panels Using a New Four-Variable Refined Theory	Vu Van Tham, Tran Huu Quoc *, Tran Minh Tu	Journal of Composites Science	
78.	On partial value sharing results of meromorphic functions with their shifts and its applications	Vangty Noulorvang (a), Duc Thoan Pham (b)	Journal of the Korean Mathematical Society	
79.	Effect of Zeolite on Shrinkage and Crack Resistance of High-Performance Cement-Based Concrete	Nguyen Cong Thang (a), Nguyen Van Tuan* (a), Keun-Hyeok Yang (b) and Quoc Tri Phung (c)	Materials	
80.	Enhancement of Mutual Recognition and Mobility of BIM Experts in ASEAN Countries	Thuy-Ninh Dao (a;b), Po-Han Chen* (a), and The-Quan Nguyen (b)	Sustainability	
81.	Fine-grained Concrete Mix Design using Statistical Methods for Ultra-thin Whitetopping Overlay Application	Lam Ngoc Nguyen	Civil Engineering Journal	
82.	Nonlinear buckling and postbuckling of FG porous variable thickness	Dang Xuan Hung, Tran Minh Tu *, Nguyen Van Long, Pham Hoang	Aerospace Science and	

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	toroidal shell segments surrounded by elastic foundation subjected to compressive loads	Anh	Technology	
83.	Electronic properties of slid bilayer graphene: effective models in low energy range	Sy-Ta Ho (a), Hoang Anh Le (b), Van Duy Nguyen (b) & Van-Nam Do (b)	The European Physical Journal B	
84.	Can Deep Learning Algorithms Outperform Benchmark Machine Learning Algorithms in Flood Susceptibility Modeling?	Binh ThaiPham a ChinhLuu (b) Tran VanPhong c Phan Trong Trinh c Ataollah Shirza d IdSomayah Renoud e Shahrokh Asadi e Hiep VanLe f Jasonvon Meding g John J.Clague h	Journal of Hydrology	
85.	Active MnO ₂ /biochar composite for efficient As(III) removal: Insight into the mechanisms of redox transformation and adsorption	Dinh VietCuong (a,b), Po-ChangWu (a), Lo-Ichen (a), Chia-HungHou (a,c)	Water Research	
86.	Second-order optimality conditions and regularity of Lagrange multipliers for mixed optimal control problems	N. B. Giang (a), N. Q. Tuan (b) & N. H. Son ©	POSITIVITY	
87.	Influences of External Factors on Business Performance of Domestic Animal Feed Enterprises in Vietnam	Van Hau NGUYEN (1), Thi Quynh Lien DUONG* (2), To Thi Huong QUYNH (3), To Thi Thu TRANG (4)	The Journal of Asian Finance, Economics and Business	
88.	On Uniqueness of Meromorphic Functions Partially Sharing Values with Their q-shifts	Pham Duc Thoan (a), Luong Thi Tuyet (a) & Noulorvang Vangty (b)	Computational Methods and Function Theory	
89.	Compressive Strength Development of High-Volume Fly Ash Ultra-High-Performance Concrete under Heat Curing Condition with Time	Pham Sy Dong (1), Nguyen Van Tuan (2),* , Le Trung Thanh (3), Nguyen Cong Thang (2) , Viet Hung Cu (4) and Ju-Hyun Mun (5)	Applied Sciences-Basel	
90.	Influence of coarse aggregates and mortar matrix on properties of lightweight aggregate concretes	Hoàng Vĩnh Long*	International Journal of GEOMATE	
91.	Impacts of vietnam region climate to some properties of concrete bricks indifferent maintenance regimes	Hoàng Vĩnh Long* (1), Bạch Đình Thiên (2)	International Journal of GEOMATE	
92.	Asymmetric Damage Avalanche Shape in Quasibrittle Materials and Subavalanche (Aftershock) Clusters	Chi-Cong Vu (a) and Jérôme Weiss (b)	Physical Review Letters	
93.	A Nonparametric Method for Identifying Structural Damage in Bridges Based on the Best-Fit Auto-Regressive Models	Tung Khuc* (a), Phat Tien Nguyen (a), Andy Nguyen (b), Necati Catbas (c)	International Journal of Structural Stability and Dynamics	
94.	Locating and quantifying damage in beam-like structures using modal flexibility-based deflection changes	Lê Ngọc Thạch (a;c), Andy Nguyen* (USQ, Australia), David Thambiratnam (QUT, Australia), Tommny Chan (QUT, Australia), Khúc Đăng Tùng (c)	International Journal of Structural Stability and Dynamics	
95.	Blue-Green Algae in Surface Water: Problems and Opportunities	Hang P. Vu (a), Luong N. Nguyen (a), Jakub Zdarta (b), Tran T. V. Nga (c) & Long D. Nghiem (a,d)	<u>Current Pollution Reports</u>	
96.	Water-reuse concepts for industrial parks in water-stressed regions in South East Asia	S. Bauer (a); A. Dell (b) ; J. Behnisch (c) ; H. Chen (d) ; X. Bi (e) ; V. A. Nguyen (f) ; H. J. Linke (b) ; M. Wagner (c)	Water Science And Technology- Water Supply	
97.	Damage detection in truss bridges using transmissibility and machine	Nguyen Huong Duong (a,b), H. Tran-Ngoc (a), T. Bui-Tien (c),	Smart Structures and Systems	

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	learning algorithm: Application to Nam O bridge	Guido De Roeck (d) and Magd Abdel Wahab (e,f)		
98.	An investigation of the generation and management of construction and demolition waste in Vietnam	Nghiêm Hà Tân*, Phan Quang Minh, Kawamoto Ken, Ngô Kim Tuấn, Nguyễn Hoàng Giang, Nguyễn Tiên Dũng, Isobe Yugo, Kawasaki Mikio	Detritus	
99.	Size effects on the mechanical behavior and the compressive failure strength of concrete: an extensive dataset	Chi-Cong Vu* (a), Jérôme Weiss (b), Olivier Plé (c), David Amitrano (b)	Data in Brief	
100.	Liouville theorems for nonlinear elliptic equations on Riemannian manifolds	Nguyen Thac Dung* (a,b), Pham Duc Thoan (c) and Nguyen Dang Tuyen ©	Journal of Mathematical Analysis and Applications	
101.	Critical factors affecting labor productivity within construction project implementation: A project manager's perspective	Toan, N. Q (a).; Tam, N. V (a).; Hai, D. T (b).; Quy, N. L. (c)	Entrepreneurship and Sustainability	
102.	Free Vibration Characteristics of Rotating Functionally Graded Porous Circular Cylindrical Shells with Different Boundary Conditions	Xuan-Hung Dang; Van-Loi Nguyen*; Minh-Tu Tran; Bich-Phuong Nguyen Thi	Iranian Journal of Science and Technology, Transactions of Mechanical Engineering	
103.	Flood Risk Assessment Using Hybrid Artificial Intelligence Models Integrated with Multi-Criteria Decision Analysis in Quang Nam Province, Vietnam	Binh Thai Pham* (a), Chinh Luu* (b), Tran VanPhong (c), Huu Duy Nguyen* (d), Hiep Van Le* (e), Thai Quoc Tran (f), Huong ThuTa (g), Indra Prakashh (h)	Journal of Hydrology	
104.	Shear response of deep precast/prestressed concrete hollow core slabs subjected to fire	Nguyen, H.T.N (a, b)., Tan, K.-H (a)	Engineering Structures	
105.	Motorcyclists have much higher exposure to black carbon compared to other commuters in traffic of Hanoi, Vietnam	Quang, T.N* (a)., Hue, N.T (a)., Dat, M.V. (a), Tran, L.K. (b), Phi, T.H. (c), Morawska, L. (b), Thai, P.K. (b,d)	Atmospheric Environment	
106.	Understanding hydration heat of mortars containing supplementary cementitious materials with potential to immobilize heavy metal containing waste	Phung, Q.T* (a)., Ferreira, E (a)., Seetharam, S (a)., Nguyen, V.T (b)., Govaerts, J (a)., Valcke, E. (a)	Cement & Concrete Composites	
107.	Effects of annealing temperature on the structure, morphology, and photocatalytic properties of SnO ₂ /rGO nanocomposites	Pham Van Tuan1*, Le Trung Hieu1, Chu Manh Hoang1, Hoang Ba Tuong2, Vu Thi Tan2, Tran Thi Quynh Hoa3, Nguyen Xuan Sang4 and Tran Ngoc Khiem1	Nanotechnology	
108.	Empirical examination of factors influencing the adoption of green building technologies: The perspective of construction developers in developing economies	Quangdung Tran 1,* ,Sajjad Nazir 2 ,Tu-Hieu Nguyen 3,Ngoc-Khoa Ho 1,Tuan-Hai Dinh 4,Viet-Phuong Nguyen 5 ,Manh-Hung Nguyen 6,Quoc-Khanh Phan 7 and The-Son Kieu 8	Sustainability	
109.	Is built environment associated with travel mode choice in developing cities? Evidence from Hanoi	Nguyen, T.M.C (a)., Kato, H* (b)., Phan, L.B. (c)	Sustainability	
110.	Effect of organic matter on nitrogen removal through the anammox process	Nguyen, H.T.M., Tran, H.T.H*	Water Environment	

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112.	Compressive Strength Evaluation of Fiber-Reinforced High-Strength Self-Compacting Concrete with Artificial Intelligence	Nguyen, T.T * (a)., Pham Duy, H. (b), Pham Thanh, T.(c), Vu, H.H. (a)	Advances in Civil Engineering	
113.	Mechanical properties of constituent phases in structural steels and heat-affected zones investigated by statistical nanoindentation analysis	Pham, T.-H* (a)., Nguyen, N.-V. (b)	Construction and Building Materials	
114.	Examination of crushed laterite brick for removal of chromium and arsenic from wastewater	Bandara, A.B.P* (a)., Kumara, G.M.P (a)., Matsuno, A. (a), Saito, T. (a), Nga, T.T.V. (b), Kawamoto, K. (a)	International Journal of GEOMATE	
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