

DANH MỤC BÀI BÁO QUỐC TẾ CỦA TRƯỜNG ĐẠI HỌC XÂY DỰNG NĂM 2018

TT	Tên bài báo	Tác giả	Tên tạp chí	Tập	Số	DOI
1	Evaluating the security levels of the Web-Portals based on the standard ISO/IEC 15408	Hai H.D., Nga P.T.	ACM International Conference Proceeding Series			10.1145/3287921.3287985
2	Cross-country analysis of faecal sludge dewatering	Gold M., Harada H., Therrien J.-D., Nishida T., Cunningham M., Semiyaga S., Fujii S., Dorea C., Nguyen V.-A., Strande L.	Environmental Technology (United Kingdom)	39	23	10.1080/09593330.2017.1374472
3	Assessment of urbanization impact on groundwater resources in Hanoi, Vietnam	Tam V.T., Nga T.T.V.	Journal of Environmental Management	227		10.1016/j.jenvman.2018.08.087
4	Analyzing solid waste management practices for the hotel industry	Pham Phu S.T., Hoang M.G., Fujiwara T.	Global Journal of Environmental Science and Management	4	1	10.22034/gjesm.2018.04.01.003
5	SO ₂ and H ₂ S Sensing Properties of Hydrothermally Synthesized CuO Nanoplates	Van Tong P., Hoa N.D., Nha H.T., Van Duy N., Hung C.M., Van Hieu N.	Journal of Electronic Materials	47	12	10.1007/s11664-018-6648-0
6	Exploratory assessment of outdoor and indoor airborne black carbon in different locations of Hanoi, Vietnam	Tran L.K., Quang T.N., Hue N.T., Van Dat M., Morawska L., Nieuwenhuijsen M., Thai P.K.	Science of the Total Environment	642		10.1016/j.scitotenv.2018.06.146
7	Use of Vietnamese rice husk ash for the production of sodium silicate as the activator for alkali-activated binders	Tong K.T., Vinai R., Soutsos M.N.	Journal of Cleaner Production	201		10.1016/j.jclepro.2018.08.025
8	Nonlinear stability analysis of eccentrically stiffened functionally graded truncated conical sandwich shells with porosity	Thai D.-K., Tu T.M., Hoa L.K., Hung D.X., Linh N.N.	Materials	11	11	10.3390/ma11112200

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9	Simulation of the impact of managed aquifer recharge on the groundwater system in Hanoi, Vietnam [越南河内地下水系统含水层管理补给影响模拟] [Simulation de l'impact de la recharge artificielle sur le système aquifère de Hanoï, Vietnam] [Simulação do impacto da recarga artificial de aquíferos nos sistemas de águas subterrâneas em Hanói, no Vietnã] [Simulación del impacto de la recarga de acuíferos gestionados en el sistema de agua subterránea en Hanoi, Vietnam]	Glass J., Via Rico D.A., Stefan C., Nga T.T.V.	Hydrogeology Journal	26	7	10.1007/s10040-018-1779-1
10	Optimum Design of Stay Cables of Steel Cable-stayed Bridges Using Nonlinear Inelastic Analysis and Genetic Algorithm	Ha M.-H., Vu Q.-A., Truong V.-H.	Structures	16		10.1016/j.istruc.2018.10.007
11	Sorption isotherm and length change behavior of autoclaved aerated concrete	Nguyen Trong L., Asamoto S., Matsui K.	Cement and Concrete Composites	94		10.1016/j.cemconcomp.2018.09.003
12	Wave Damping due to Wooden Fences along Mangrove Coasts	Dao T., Stive M.J.F., Hofland B., Mai T.	Journal of Coastal Research	34	6	10.2112/JCOASTRE S-D-18-00015.1
13	Extended Iwan-Iai (3DXii) constitutive model for 1-directional 3-component seismic waves in liquefiable soils: Application to the Kushiro site (Japan)	d'Avila M.P.S., Pham V.A., Lenti L., Semblat J.-F.	Geophysical Journal International	215	1	10.1093/gji/ggy266
14	Determination of Nearshore Wave Climate using a Transformation Matrix from Offshore Wave Data	Ly N.T.H., Hoan N.T.	Journal of Coastal Research	81	sp1	10.2112/SI81-003.1
15	Kinetics of carbon dioxide, methane and hydrolysis in co-digestion of food and vegetable wastes	Pham Van D., Hoang G.M., Pham Phu S.T., Fujiwara T.	Global Journal of Environmental Science and Management	4	4	10.22034/gjesm.2018.04.002
16	Free vibration analysis of functionally graded doubly curved shell panels resting on elastic foundation in thermal environment	Tran Q.H., Duong H.T., Tran T.M.	International Journal of Advanced Structural Engineering	10	3	10.1007/s40091-018-0197-x

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17	The Gauss Map of Algebraic Complete Minimal Surfaces Omits Hypersurfaces in Subgeneral Position	Thai D.D., Thoan P.D.	Vietnam Journal of Mathematics	46	3	10.1007/s10013-017-0259-6
18	Hydrothermal synthesis, structure, and photocatalytic properties of SnO ₂ /rGO nanocomposites with different GO concentrations	Pham V.T., Le Trung H., Tran N.K., Chu Manh H., Nguyen Duc H., Tran Thi Quynh H., Pham T.H.	Materials Research Express	5	9	10.1088/2053-1591/aad6ca
19	Microscopic and optical parameters of Eu ³⁺ -doped SnO ₂ -SiO ₂ nanocomposites prepared by sol-gel method	Thanh B.Q., Khiem T.N., Ha N.N., Do P.V.	Journal of Luminescence	201		10.1016/j.jlumin.2018.04.055
20	Sensitivity analysis of the design portal frames of steel industrial buildings	Nguyen T.H., Dang X.H.	MATEC Web of Conferences	193		10.1051/mateconf/201819304025
21	Difference analogues of the second main theorem of zero-order meromorphic mappings for slowly moving targets	Thoan P.D.	Asian-European Journal of Mathematics	11	4	10.1142/S1793557118500535
22	Symbolic linearization and vibration analysis of constrained multibody systems	Van Khang N., Sy Nam N., Van Quyen N.	Archive of Applied Mechanics	88	8	10.1007/s00419-018-1376-8
23	Treatment and reuse of coalmine wastewater in Vietnam: Application of microfiltration	Dang H.T.T., Tran H.D., Tran S.H., Sasakawa M., Narbaitz R.M.	Water Quality Research Journal of Canada	53	3	10.2166/wqrj.2018.028
24	Nonlinear response and buckling analysis of eccentrically stiffened FGM toroidal shell segments in thermal environment	Vuong P.M., Duc N.D.	Aerospace Science and Technology	79		10.1016/j.ast.2018.05.058
25	Corrigendum: Bottom-to-top continuous irrigation of treated municipal wastewater for effective nitrogen removal and high quality rice for animal feeding (Water Science and Technology: Water Supply 18:4 (1183-1195) DOI: 10.2166/ws.2017.190)	Pham D.D., Kurashima S., Kaku N., Pu J., Watanabe T., Sasaki A.	Water Science and Technology: Water Supply	19	1	10.2166/ws.2018.151

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26	Understanding the stakeholders' involvement in utilizing municipal solid waste in agriculture through composting: A case study of Hanoi, Vietnam	Le N.P., Nguyen T.T.P., Zhu D.	Sustainability (Switzerland)	10	7	10.3390/su10072314
27	Equivalent inclusion approach and approximations for conductivity of isotropic matrix composites with sphere-like, platelet, and fibrous fillers	Nguyen T.K., Pham D.C., Do Q.H.	Journal of Reinforced Plastics and Composites	37	14	10.1177/0731684418772911
28	Hydrological model using ground- and satellite-based data for river flow simulation towards supporting water resource management in the Red River Basin, Vietnam	Hiep N.H., Luong N.D., Viet Nga T.T., Hieu B.T., Thuy Ha U.T., Du Duong B., Long V.D., Hossain F., Lee H.	Journal of Environmental Management	217		10.1016/j.jenvman.2018.03.100
29	Kinetic of Biogas Production in Co-Digestion of Vegetable Waste, Horse Dung, and Sludge by Batch Reactors	Dinh P.V., Fujiwara T., Phu S.T.P., Hoang M.G.	IOP Conference Series: Earth and Environmental Science	159	1	10.1088/1755-1315/159/1/012041
30	Flood risk management activities in Vietnam: A study of local practice in Quang Nam province	Luu C., Von Meding J., Kanjanabootra S.	International Journal of Disaster Risk Reduction	28		10.1016/j.ijdrr.2018.02.006
31	Temperature profile and resistance of flat decking composite slabs in- and post-fire	Nguyen M.-P., Nguyen T.-T., Tan K.-H.	Fire Safety Journal	98		10.1016/j.firesaf.2018.04.001
32	The Failure Behaviour of Reinforced Concrete Panels Under Far-field and Near-field Blast Effects	Syed Z.I., Raman S.N., Ngo T., Mendis P., Pham T.	Structures	14		10.1016/j.istruc.2018.03.009
33	Base layer constrained error concealment solutions for robust SHVC video transmission	Huu T.N., Trieu D.D., Huu T.V., Van San V., Thanh H.B., Hoangvan X.	2018 International Workshop on Advanced Image Technology, IWAIT 2018			10.1109/IWAIT.2018.8369687
34	Urea mediated synthesis of Ni(OH) ₂ nanowires and their conversion into NiO nanostructure for hydrogen gas-sensing application	Hoa N.D., Van Tong P., Hung C.M., Van Duy N., Van Hieu N.	International Journal of Hydrogen Energy	43	19	10.1016/j.ijhydene.2018.03.166

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35	Free Vibration and Damping of a Taut Cable with an Attached Viscous Mass Damper	Cu V.H., Han B., Pham D.H., Yan W.T.	KSCE Journal of Civil Engineering	22	5	10.1007/s12205-017-1167-8
36	Risk Allocation in U.S. Public-Private Partnership Highway Project Contracts	Nguyen D.A., Garvin M.J., Gonzalez E.E.	Journal of Construction Engineering and Management	144	5	10.1061/(ASCE)CO.1943-7862.0001465
37	A study on super-sulfated cement using Dinh Vu phosphogypsum	Lam N.N.	IOP Conference Series: Earth and Environmental Science	143	1	10.1088/1755-1315/143/1/012016
38	Energy efficiency façade design in high-rise apartment buildings using the calculation of solar heat transfer through windows with shading devices	Ha P.T.H.	IOP Conference Series: Earth and Environmental Science	143	1	10.1088/1755-1315/143/1/012055
39	Van Quan new town in Hanoi and its socio-economic impacts on the four surrounding villages - Towards a more sustainable urban development	Nguyen Q.M., Doan T.T., Tran M.T., Nguyen M.T., Ta Q.H.	IOP Conference Series: Earth and Environmental Science	143	1	10.1088/1755-1315/143/1/012072
40	Establishing a green-and-blue network within an existing settlement in central Hanoi towards urban ecologicalisation	Nguyen Q.M.	IOP Conference Series: Earth and Environmental Science	143	1	10.1088/1755-1315/143/1/012058
41	A flood risk assessment of Quang Nam, Vietnam using spatial multicriteria decision analysis	Luu C., von Meding J.	Water (Switzerland)	10	4	10.3390/w10040461
42	Seismic Performance Assessment of Corroded Reinforced Concrete Short Columns	Vu N.S., Li B.	Journal of Structural Engineering (United States)	144	4	10.1061/(ASCE)ST.1943-541X.0001994
43	Rheology of granular materials composed of crushable particles	Nguyen D.-H., Azéma É., Sornay P., Radjaï F.	European Physical Journal E	41	4	10.1140/epje/i2018-11656-1

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44	A PCA-based method for IoT network traffic anomaly detection	Hoang D.H., Nguyen H.D.	International Conference on Advanced Communication Technology, ICACT	2018-February		10.23919/ICACT.2018.8323766
45	Shear-lag effect and its effect on the design of high-rise buildings	Dat B.T., Traykov A., Traykova M.	E3S Web of Conferences	33		10.1051/e3sconf/20183302001
46	Pilot study of brackish water treatment using dual stage nanofiltration for domestic use in Thu Bon Basin, Vietnam	Ha T.D., Huyen D.T.T., Hoa N.Q., Tinh N.T.H.	Journal of Membrane Science and Research	4	2	10.22079/JMSR.2017.67457.1146
47	Characterization of strain rate effects on the plastic properties of structural steel using nanoindentation	Nguyen N.-V., Pham T.-H., Kim S.-E.	Construction and Building Materials	163		10.1016/j.conbuildmat.2017.12.122
48	On proactive attacks for coping with cooperative attacks in relay networks	Huu T.P., Quach T.X., Tran H., Zepernick H.-J., Sibomana L.	2017 23rd Asia-Pacific Conference on Communications: Bridging the Metropolitan and the Remote, APCC 2017	2018-January		10.23919/APCC.2017.8303981
49	Structural Identification Using Computer Vision-Based Bridge Health Monitoring	Khuc T., Catbas F.N.	Journal of Structural Engineering (United States)	144	2	10.1061/(ASCE)ST.1943-541X.0001925
50	Analytical and numerical solutions for heat transfer and effective thermal conductivity of cracked media	Tran A.B., Vu M.N., Nguyen S.T., Dong T.Q., Le-Nguyen K.	Journal of Applied Geophysics	149		10.1016/j.jappgeo.2017.12.012
51	Identification of the plastic properties of structural steel using spherical indentation	Pham T.-H., Phan Q.-M., Kim S.-E.	Materials Science and Engineering A	711		10.1016/j.msea.2017.10.097
52	Engineering optimization using an improved epsilon differential evolution with directional mutation and nearest neighbor comparison	Pham A.H., Vu C.T., Nguyen D.B., Tran D.T.	Lecture Notes in Mechanical Engineering	PartF3		10.1007/978-981-10-7149-2_14
53	Optimal volume fraction of functionally graded beams with various shear deformation theories using social group optimization	Pham A.H., Vu T.V., Tran T.M.	Lecture Notes in Mechanical Engineering	PartF3		10.1007/978-981-10-7149-2_27

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54	Second main theorem and uniqueness problem of zero-order meromorphic mappings for hyperplanes in subgeneral position	Luong T.T., Nguyen D.T., Pham D.T.	Bulletin of the Korean Mathematical Society	55	1	10.4134/BKMS.b160932
55	Seismic performance of flexural reinforced concrete columns with corroded reinforcement	Vu N.S., Li B.	ACI Structural Journal	115	5	10.14359/51702372
56	Experimental investigation of bond-dependent coefficient of glass fiber reinforced polymer bars	Tran T.D., Nguyen M.H., Nguyen T.H.	Lecture Notes in Civil Engineering	8		10.1007/978-981-10-6713-6_86
57	Experimental research on flexural strengthening of two-way reinforced concrete slabs using carbon fiber reinforced polymer sheets	Nguyen M.H., Tran T.D., Nguyen T.H.	Lecture Notes in Civil Engineering	8		10.1007/978-981-10-6713-6_87
58	Ramification over hypersurfaces located in subgeneral position of the gauss map of complete minimal surfaces with finite total curvature	Thai D.D., Thoan P.D.	Kyushu Journal of Mathematics	72	2	10.2206/kyushujm.72.253
59	A new kinetic model for biogas production from co-digestion by batch mode	Pham Van D., Hoang Minh G., Pham Phu S.T., Fujiwara T.	Global Journal of Environmental Science and Management	4	3	10.22034/GJESM.2018.03.001
60	Rice husk ash	Ye G., Huang H., Van Tuan N.	RILEM State-of-the-Art Reports	25		10.1007/978-3-319-70606-1_8
61	Fuzzy linguistic number and fuzzy linguistic vector: New concepts for computational intelligence	Hue V.T., Chau H.T.M., Phong P.H.	Advances in Intelligent Systems and Computing	672		10.1007/978-981-10-7512-4_79
62	Fuzzy linear elastic dynamic analysis of 2-dimensional semi-rigid steel frame with fuzzy fixity factors	Tran T.V., Vu Q.A., Le X.H.	Lecture Notes in Civil Engineering	8		10.1007/978-981-10-6713-6_14
63	Microstructure and shrinkage behavior of Autoclaved Aerated Concrete (AAC) -Comparison of Vietnamese and Japanese AACs-	Lam N.T., Asamoto S., Matsui K.	Journal of Advanced Concrete Technology	16	8	10.3151/jact.16.333
64	Current status of construction and demolition waste management in Vietnam: Challenges and opportunities	Van Tuan N., Kien T.T., Huyen D.T.T., Nga T.T.V., Giang N.H., Dung N.T., Isobe Y., Ishigaki T., Kawamoto K.	International Journal of GEOMATE	15	52	10.21660/2018.52.7194

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65	Radiative transition dynamics of holmium ions-doped LaF ₃ nanocrystals	Ha H.M., Hoa T.T.Q., Vu L.V., Long N.N.	Journal of Materials Science: Materials in Electronics	29	2	10.1007/s10854-017-8071-3
66	Elemental Concentrations in Roadside Dust Along Two National Highways in Northern Vietnam and the Health-Risk Implication	Phi T.H., Chinh P.M., Cuong D.D., Ly L.T.M., Van Thinh N., Thai P.K.	Archives of Environmental Contamination and Toxicology	74	1	10.1007/s00244-017-0477-7