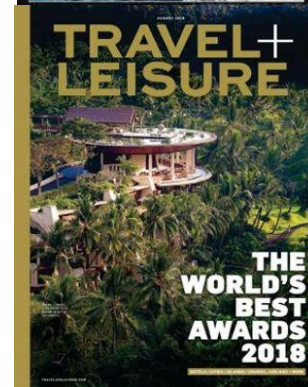
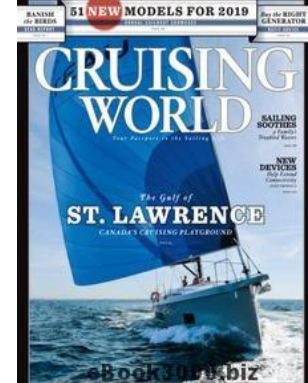


NEWLY RECEIVED PERIODICALS

October 2018



TITLE	AUTHOR	PUBLICATION TITLE	VOLUME	ISSUE NUMBER	PAGE	MONTH	YEAR	TYPE
A review of co-saliency detection algorithms : fundamentals, applications, and challenges	Zhang, Dingwen [[and four others]	ACM Transaction on Intelligent Systems and Technology	9	4	38		2018	
Virtual metering : an efficient water disaggregation algorithm via nonintrusive load monitoring	Wang, Bingsheng [and three others]	ACM Transaction on Intelligent Systems and Technology	9	4	39		2018	
A multi-label multi-view learning framework for in-app service usage analysis	Fu, Yanjie [and three others]	ACM Transaction on Intelligent Systems and Technology	9	4	40		2018	
Concept and attention based CNN for question retrieval in multi-view learning	Wang, Pengwei [and four others]	ACM Transaction on Intelligent Systems and Technology	9	4	41		2018	
A novel image-centric approach toward direct volume rendering	Khan, Naimul ; Ksantini, Riadh ; Guan, Ling	ACM Transaction on Intelligent Systems and Technology	9	4	42		2018	
A quick bootstrapping of a personalized gazed model from real-use interactions	Huang, Michael Xuelin [and three others]	ACM Transaction on Intelligent Systems and Technology	9	4	43		2018	
A Bayesian approach to intervention-based clustering	Kulev, Igor ; Pu, Pearl ; Faltings, Boi	ACM Transaction on Intelligent Systems and Technology	9	4	44		2018	
Sparse passive-aggressive learning for bounded online kernel methods	Lu, Jing [and three others]	ACM Transaction on Intelligent Systems and Technology	9	4	45		2018	
Evolutionary strategy to perform batch-mode active learning on multi-label data	Reyes, Oscar ; Ventura, Sebastian	ACM Transaction on Intelligent Systems and Technology	9	4	46		2018	
Modelling queries with contextual snippets for information retrieval	Chen, Qin [and four others]	ACM Transaction on Intelligent Systems and Technology	9	4	47		2018	
Fuzzy cognitive diagnosis for modelling examinee performance	Liu, Qi [and five others]	ACM Transaction on Intelligent Systems and Technology	9	4	48		2018	

TITLE	AUTHOR	PUBLICATION TITLE	VOLUME	ISSUE NUMBER	PAGE	MONTH	YEAR	TYPE
The wearing comfort and acceptability of ambulatory physical activity monitoring devices in soldier	Beeler, Nadia [and six others]	IISE Transactions on Occupational Ergonomics and Human Factors	6	1	1	January-March	2018	
Development and test of a short message on manual materials handling hazards and controls in small and micro businesses	Yazdani, Amin [and eight others]	IISE Transactions on Occupational Ergonomics and Human Factors	6	1	11	January-March	2018	
" Differences in lower limb muscle activation and center of pressure movement between expert workers and novices in simulated maritime environments "	Duncan, Carolyn A. [and four others]	IISE Transactions on Occupational Ergonomics and Human Factors	6	1	21	January-March	2018	
Development of and ergonomic tool to predict carpal tunnel pressure	Weresch, Justin A. ; Keir, Peter J.	IISE Transactions on Occupational Ergonomics and Human Factors	6	1	32	January-March	2018	
Are the neck positions and muscle activity observed when reading a table similar to that of the cervical flexion-relaxation onset?	Douglas, Ethan C. ; Gallagher, Kaitlin M.	IISE Transactions on Occupational Ergonomics and Human Factors	6	1	43	January-March	2018	

TITLE	AUTHOR	PUBLICATION TITLE	VOLUME	ISSUE NUMBER	PAGE	MONTH	YEAR	TYPE
Modelling the properties of pervious concrete using a full-factorial design	Kabagire, K. Daddy ; Yahia, Ammar	Road Materials and Pavement Design	19	1-2	1	January-March	2018	
Development of simple relationship between asphalt binder and mastic based on rheological tests	Riccardi, Chiara [and three others]	Road Materials and Pavement Design	19	1-2	18	January-March	2018	
Mechanical performance of roller compacted concrete with recycled concrete aggregates	Lopez-Uceda, Antonio [and three others]	Road Materials and Pavement Design	19	1-2	36	January-March	2018	
Development of subgrade M constitutive models based on physical soil properties	Mehrotra, Ayan ; Abu-Farsakh, Murad ; Gaspard, Kevin	Road Materials and Pavement Design	19	1-2	56	January-March	2018	
Evaluating pavement performance through smart monitoring - effects soil moisture, temperature and traffic	Kodippily, Sachi [and three others]	Road Materials and Pavement Design	19	1-2	71	January-March	2018	

TITLE	AUTHOR	PUBLICATION TITLE	VOLUME	ISSUE NUMBER	PAGE	MONTH	YEAR	TYPE
Factors influencing the structure build-up of fresh cement asphalt emulsion paste	Ouyang, Jian ; Shah, Surendra P.	Road Materials and Pavement Design	19	1-2	87	January-March	2018	
Influence of asphalt composition upon the thermodynamics performance of a mixing plant	Huchet, F. [and seven others]	Road Materials and Pavement Design	19	1-2	104	January-March	2018	
Moisture sensitivity examinations of asphalt mixtures using thermodynamics, direct adhesion peel and compacted mixture mechanical tests	Zhang, Jizhe [and three others]	Road Materials and Pavement Design	19	1-2	120	January-March	2018	
Towards application of linear genetic programming for indirect estimation of the resilient modulus of pavements subgrade soils	Sadrossadat, Ehsan ; Heidariapanah ; Ghorbani, Behnam	Road Materials and Pavement Design	19	1-2	139	January-March	2018	
Field investigation on the lateral resistance of railway tracks including hot mix asphalt layer	Esmaili, Moteza ; Heydari-Noghabi, Hamidreza ; Sayadi, Ayoub	Road Materials and Pavement Design	19	1-2	154	January-March	2018	
Pervious concrete pavement incorporating GGBS to alleviate pavement runoff and improve urban sustainability	El-Hassan, Kianmehr, Peiman	Road Materials and Pavement Design	19	1-2	167	January-March	2018	
Effects of truck traffic on top-down fatigue cracking performance of flexible pavements using a new mechanics-based analysis framework	Dinegdae, Yared H. ; Birgisson, Bjorn	Road Materials and Pavement Design	19	1-2	182	January-March	2018	
Increasing the reaction kinetics of alkali-activated fly ash binders for stabilisation of a silty sand pavement sub-base	Rios, Sara [and five others]	Road Materials and Pavement Design	19	1-2	201	January-March	2018	
Spectral element method for dynamic response of transversely isotropic asphalt pavement under impact load	You, Lingyun [and four others]	Road Materials and Pavement Design	19	1-2	223	January-March	2018	
Effects of biomass fly ashes as road stabilisation binder	Sarkkinen, Minna [and three others]	Road Materials and Pavement Design	19	1-2	239	January-March	2018	

TITLE	AUTHOR	PUBLICATION TITLE	VOLUME	ISSUE NUMBER	PAGE	MONTH	YEAR	TYPE
Mechanical properties of recovered municipal solid waste incineration bottom ash : the influence of ageing and changes in moisture content	Sormunen, Laura Annika ; Kolisoja, Pauli	Road Materials and Pavement Design	19	1-2	252	January-March	2018	
Prediction of subgrade elastic moduli in different seasons based on BP neural network technology	Zhang, Haitao ; Yu, Tengjiang	Road Materials and Pavement Design	19	1-2	271	January-March	2018	
Permanent deformation behavior of a granular material used in low-traffic pavements	Jing, Peng ; Nowamooz, Hossein ; Chazallon, Cyrille	Road Materials and Pavement Design	19	1-2	289	January-March	2018	
Studying rutting performance of superpave asphalt mixtures using unconfined dynamic creep and simple performance tests	Al-Khateeb, Ghazi G. [and three others]	Road Materials and Pavement Design	19	1-2	315	January-March	2018	
Pavement skid resistance consideration in rain-related wet-weather speed limits determination	Chu, L. J ; Fwa, T. F.	Road Materials and Pavement Design	19	1-2	334	January-March	2018	
Nanomaterial and fatigue cracking of hot mix asphalt	Azarhoosh, Ali Reza ; Nejad, Fereidoon Moghadas ; Khodaii, Ali	Road Materials and Pavement Design	19	1-2	353	January-March	2018	
Simulation of wheel tracking tests of asphalt mixture using discrete element modelling	Ma, Tao [and four others]	Road Materials and Pavement Design	19	1-2	367	January-March	2018	
Laboratory and field evaluation of cold recycling mixture with foamed asphalt	Guatimosim, Frederico B. [and three others]	Road Materials and Pavement Design	19	1-2	385	January-March	2018	
Macrottexture charaterisation of laboratory-compacted hot-mix asphalt specimens using a new asphalt polishing machine	Khasawneh, Mohammad Ali	Road Materials and Pavement Design	19	1-2	400	January-March	2018	
Effect of temperature on fatigue tests parameters for conventional and asphalt rubber mixes	de Mello, Luiz Guilherme Rodrigues ; de Farias, Marcio Muniz ; Kaloush, Kamil Elias	Road Materials and Pavement Design	19	1-2	417	January-March	2018	

TITLE	AUTHOR	PUBLICATION TITLE	VOLUME	ISSUE NUMBER	PAGE	MONTH	YEAR	TYPE
Traxial stress sweep test protocol considerations for permanent deformation characterisation of asphalt mixtures	Bastos, Juceline Batista dos S. [and four others]	Road Materials and Pavement Design	19	1-2	431	January-March	2018	
Tribological and rheological characterisation of asphalt binders at different temperatures	Mannan, Umme Amina ; Tarefder, Rafiqul A.	Road Materials and Pavement Design	19	1-2	445	January-March	2018	
Enhancing anti-rutting performance of asphalt pavement by dispersing shear stresses within asphalt layers	Lioa, Gongyun ; Wang, Shengyue ; Shi, Qin	Road Materials and Pavement Design	19	1-2	453	January-March	2018	
Different strain distributions of cement-emulsified asphalt concrete pavement between the macro-and meso-scale	Fu, Jun [and three others]	Road Materials and Pavement Design	19	1-2	470	January-March	2018	
Comparison of SBS and PP fibre asphalt modifications for rutting potential and life cycle costs of flexible pavements	Qadir, Adnan ; Gazder, Uneb ; Ali, Sajjad	Road Materials and Pavement Design	19	1-2	494	January-March	2018	
Mixed FEM for solving a plate type model intended for analysis of pavements with discontinuities	Nasser, H. [and three others]	Road Materials and Pavement Design	19	3-4	496	April-June	2018	
Fatigue crack resistance characterisation of fully supported plain concrete beams	Brake, Nicholas A. ; Chatti, Karim ; Albanna, Ali	Road Materials and Pavement Design	19	3-4	511	April-June	2018	
Modelling cracking damage of asphalt mixtures under compressive monotonic and repeated loads using pseudo J-intergral Paris' law	Zhang, Yuqing [and three others]	Road Materials and Pavement Design	19	3-4	525	April-June	2018	
Exploring indicators for fatigue cracking in hot mix asphalt pavements using simplified-viscoelastic continuum damage theory	Mensching, David J. ; Daniel, Jo Sias ; Underwood B. Shane	Road Materials and Pavement Design	19	3-4	536	April-June	2018	
Fatigue cracking simulation of aged asphalt pavement using a viscoelastic continuum damage model	Babadopulos, Lucas F. de A. L. [and four others]	Road Materials and Pavement Design	19	3-4	546	April-June	2018	

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Fatigue cracking simulation of aged asphalt pavement using a viscoelastic continuum damage model	Babadopulos, Lucas F. de A. L. [and four others]	Road Materials and Pavement Design	19	3-4	546	April-June	2018	
Fatigue cracking in asphalt mixtures : the effects of ageing and temperature	Moreno-Navarro, Fernando [and three others]	Road Materials and Pavement Design	19	3-4	561	April-June	2018	
The influence of boundary conditions on the healing of bitumen	Leegwater, G.A. ; Scarpas, A. ; Erkens, S.M.J.G.	Road Materials and Pavement Design	19	3-4	571	April-June	2018	
Highlighting of the viscoelastic behavior of interfaces in asphalt pavements - a possible origin to top-down cracking	Grellet, Damien [and three others]	Road Materials and Pavement Design	19	3-4	581	April-June	2018	
Comparison of low temperature fracture and strength properties of asphalt mixture obtained from IDT and SCB under different testing configurations	Falchetto, Augusto Cannone [and three others]	Road Materials and Pavement Design	19	3-4	591	April-June	2018	
A predictive model for estimating the viscosity of short-term-aged bitumen	Radhakrishnan, Vishnu [and three others]	Road Materials and Pavement Design	19	3-4	605	April-June	2018	
Impact of curing an behavior balastic expansive clay	Al-Taie, Asmaa [and three others]	Road Materials and Pavement Design	19	3-4	624	April-June	2018	
Optimal empirical-Markovian approach for assessment of potential pavement rehabilitation strategies at the project level	Abaza, Khaled	Road Materials and Pavement Design	19	3-4	646	April-June	2018	
Numerical modelling of ravelling in porous friction courses (PFC)	Manrique-Sanchez, Laura	Road Materials and Pavement Design	19	3-4	668	April-June	2018	
Effect of fibre reinforcement on CBR behaviour of lime-blended expansive soils : realibility approach	Moghal, Arif Ali Baig ; Chittoori, Bhaskar C.S. ; Basha Munwar	Road Materials and Pavement Design	19	3-4	690	April-June	2018	
Shakedown solutions for pavement structure with von Mises criterion subjected to Hertz loads	Zhuang, Yan ; Wang, Kangyu	Road Materials and Pavement Design	19	3-4	710	April-June	2018	

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Effect of moisture on the cohesion of asphalt mastics and bonding with surface of aggregates	Chaturabong, Preeda ; Bahia, Hussain U.	Road Materials and Pavement Design	19	3-4	741	April-June	2018	
Influence of volumetric properties of asphalt samples on the electrical resistivity characteristics	Androjić, Ivica ; Mikulić, Ana	Road Materials and Pavement Design	19	3-4	754	April-June	2018	
Rheological performance of soybean in asphalt binder modification	Portugal, Antonio Carlos Xavier [and three others]	Road Materials and Pavement Design	19	3-4	768	April-June	2018	
Developing statistical limits for using the light weight deflectometer in pavement construction quality assurance	Volvski, Matthew [and four others]	Road Materials and Pavement Design	19	3-4	783	April-June	2018	
Investigating the performance of rubberised binders used in Iran based on multiple stress creep recovery and performance grading systems	Amini, Amir ; Ziari, H. ; Goli, Ahmad	Road Materials and Pavement Design	19	3-4	803	April-June	2018	
Influence aggregates' spatial characteristics on air-voids in asphalt mixture	Hu, Jing [and three others]	Road Materials and Pavement Design	19	3-4	819	April-June	2018	
The evolution of the mechanical behaviour of cold recycled mixtures stabilised with cement of bitumen : field and laboratory study	Godenzoni, Carlotta [and three others]	Road Materials and Pavement Design	19	3-4	837	April-June	2018	
Causes of rutting in flexible and semi-rigid test sections after 14 years of service	Ekblad, Jonas ; Lundström, Robert	Road Materials and Pavement Design	19	3-4	878	April-June	2018	
Effect of repeated freeze-thaw cycles on the resilient modulus for fine-grained subgrade soils with low plasticity index	Wang, Weina [and three others]	Road Materials and Pavement Design	19	3-4	898	April-June	2018	
Impact of compaction method on mechanical characteristics of unbound granular recycled materials	Yaghoubi, Ehsan [and three others]	Road Materials and Pavement Design	19	3-4	912	April-June	2018	
The study of the effect of internal structure on permeability of porous asphalt	Krol, Jan B. ; Khan, Rawid ; Collop, Andrew C.	Road Materials and Pavement Design	19	3-4	935	April-June	2018	
Methodology to evaluate performance of pavement structure using soil moisture profile	Elshaer, Mahamed ; Ghayoomi ; Daniel Jo Sias	Road Materials and Pavement Design	19	3-4	952	April-June	2018	

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Influence of aggregate morphology on the mechanical performance of asphalt mixtures	Castillo, Daniel [and three others]	Road Materials and Pavement Design	19	3-4	972	April-June	2018	
Fluorescence spectroscopic investigation of bitumen aged by field exposure respectively modified rolling thin film oven test	Grossegger, Daniel [and three others]	Road Materials and Pavement Design	19	3-4	992	April-June	2018	
Mechanical performance of asphalt mixtures using polymer-micronized PET-modified binder	e Silva, Jose de Arimateia Almeida [and four others]	Road Materials and Pavement Design	19	3-4	1002	April-June	2018	

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American ship builders brace for impact of tariffs on steel, aluminum	Wollenhaupt, Gary	Professional Mariner, Journal of the Maritime Industry		228	4	October-November	2018	
Trump signs bill delaying TWIC reader installation requirement	Carter, Kimberly A.	Professional Mariner, Journal of the Maritime Industry		228	6	October-November	2018	
Advocates hope Soo repair funds open door to new Poe-sized lock	Bernard, Chris	Professional Mariner, Journal of the Maritime Industry		228	9	October-November	2018	
Cost-guard half of towing vessels transmitting incorrect AIS data	McCarthy, Patricia	Professional Mariner, Journal of the Maritime Industry		228	11	October-November	2018	
Volvo ocean race data reveals 'pervasive' plastic pollution at sea	Conley, Casey	Professional Mariner, Journal of the Maritime Industry		228	12	October-November	2018	
Thirty years and \$3 billion later, Olmsted ready to lock and roll	Gauvin, Brian	Professional Mariner, Journal of the Maritime Industry		228	14	October-November	2018	
Classification societies weigh costs, safety of aluminum power cables	Bojarski, Sam	Professional Mariner, Journal of the Maritime Industry		228	20	October-November	2018	
Compact bisso z-drive boasts Canadian lines, Mississippi bones	Gauvin, Brian	Professional Mariner, Journal of the Maritime Industry		228	24	October-November	2018	

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Duck boats face new scrutiny after 17 die in Missouri sinking	Conley, Casey	Professional Mariner, Journal of the Maritime Industry		228	26	October-November	2018	
Bouchard's safety culture criticized at hearing on fatal barge blast	Conley, Casey	Professional Mariner, Journal of the Maritime Industry		228	30	October-November	2018	
Pilot's failure to identify charted hazard cited in towboat sinking	Conley, Casey	Professional Mariner, Journal of the Maritime Industry		228	34	October-November	2018	
Fraser river dredger loses propulsion after blackout, hits barge	Drouin, Michel	Professional Mariner, Journal of the Maritime Industry		228	36	October-November	2018	
NTSB cited use in single barge couplings in high water for breakaway	Conley, Casey	Professional Mariner, Journal of the Maritime Industry		228	38	October-November	2018	
The future of marine power? : new California project pushes fuel cells forward	Earls, Alan R.	Professional Mariner, Journal of the Maritime Industry		228	40	October-November	2018	
Maritime law could provide recovery for shipboard harassment	Mitchel, Reese B.	Professional Mariner, Journal of the Maritime Industry		228	44	October-November	2018	