

(Note: bold type – Presidential Award 2014; italics – NRC merit award 2014)

Visibility of University of Moratuwa in SCI Journals – 2010

Authors	Dept.	Title	Source	Impact factor (2010)
<i>Karstensen, KH; Mubarak, AM; Gunadasa, HN; Wijagunasekara, B; Ratnayake, N; De Alwis, A; Fernando, J</i>	<i>CE, CPE</i>	<i>Test burn with PCB-oil in a local cement kiln in Sri Lanka</i>	<i>Chemosphere</i>	<i>3.155</i>
<i>Gray, HA; Zavatsky, AB; Gill, HS</i>	<i>ME</i>	<i>The sclerotic line: Why it appears under knee replacements (a study based on the Oxford Knee)</i>	<i>Clinical Biomechanics</i>	<i>2.036</i>
<i>Dilrukshi, KGS; Dias, WPS; Rajapakse, RKND</i>	<i>CE</i>	<i>Numerical modelling of cracks in masonry walls due to thermal movements in an overlying slab</i>	<i>Engineering Structures</i>	<i>1.363</i>
<i>Thariq, MGM; Munasinghe, HP; Abeyssekara, JD</i>	<i>Arch</i>	<i>Designing chairs with mounted desktop for university students: Ergonomics and comfort</i>	<i>International Journal of Industrial Ergonomics</i>	<i>1.322</i>
<i>Fernando, WUN; Kumarawadu, S</i>	<i>EE</i>	<i>Discrete-time neuroadaptive control using dynamic state feedback with application to vehicle motion control for intelligent vehicle highway systems</i>	<i>Iet Control Theory and Applications</i>	<i>1.283</i>
Wickramasinghe, V	MoT	Work-related Dimensions and Job Stress: The Moderating Effect of Coping Strategies	Stress and Health	0.789
Wickramasinghe, V; Gunawardena, V	MoT	Effects of people-centred factors on enterprise resource planning implementation project success: empirical evidence from Sri Lanka	Enterprise Information Systems	0.786
Mampearachchi, WK; Gunarathna, WPH	CE	Finite-Element Model Approach to Determine Support Conditions and Effective Layout for Concrete Block Paving	Journal of Materials in Civil Engineering	0.677
Blockley, D; Dias, P	CE	Managing conflict through ethics	Civil Engineering and Environmental Systems	0.595
Jayatilake, IN; Dias, WPS; Jayasinghe, MTR; Thambiratnam, DP	CE	Response of tall buildings with symmetric setbacks under blast loading	Journal of The National Science Foundation of Sri Lanka	0.134

Wickramasinghe, V; Jayaweera, M	MoT	Impact of career plateau and supervisory support on career satisfaction A study in offshore outsourced IT firms in Sri Lanka	Career Development International	0
Wickramasinghe, V	MoT	Employee perceptions towards web-based human resource management systems in Sri Lanka	International Journal of Human Resource Management	0
Wickramasinghe, V; Garusinghe, S	MoT	An exploratory study of human resource aspects of international technology transfers to Sri Lankan private sector manufacturing firms	International Journal of Operations & Production Management	0

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Muzathik, AM; Ibrahim, MZ; Samo, KB; Nik, WBW	ITUM	Estimation of global solar irradiation on horizontal and inclined surfaces based on the horizontal measurements	Energy	3.487
Fernando, WCDK; Wickramasuriya, SS	CE	The hydro-meteorological estimation of probable maximum precipitation under varying scenarios in Sri Lanka	International Journal of Climatology	2.906
Wickramasinghe, D; Wickramasinghe, V	MoT, TCT	Perceived organisational support, job involvement and turnover intention in lean production in Sri Lanka	International Journal of Advanced Manufacturing Technology	1.103
Dias, P	CE	Aesthetics and Ethics in Engineering: Insights from Polanyi	Science and Engineering Ethics	0.738
Wickramaratne, S; Ruwanpura, JY; Wirasinghe, SC	CE	Decision analysis for a tsunami detection system - case study: Sri Lanka	Civil Engineering and Environmental Systems	0.562
Rajkumar, G; Weerasena, J; Fernando, K; Liyanage, A; Silva, R	IT	Genetic differentiation among Sri Lankan traditional rice (<i>Oryza sativa</i>) varieties and wild rice species by AFLP markers	Nordic Journal of Botany	0.551
Perera, I	CSE	Impact of Poor Requirement Engineering in Software Outsourcing: A Study on Software Developers' Experience	International Journal of Computers Communications & Control	0.438
Edirisinghe, DG; De Silva, MIA; Premachandra, JK	CPE	A Novel Reclaiming Agent for Ground Rubber Tyre (GRT). Part II: Property Evaluation of Virgin Natural Rubber (NR)/Novel Reclaimed GRT Revulcanisates	Progress In Rubber Plastics and Recycling Technology	0.214
Premachandra, JK; Edirisinghe, DG; De Silva, MIA	CPE	A Novel Reclaiming Agent for Ground Rubber Tyre (GRT). Part I: Property Evaluation of Virgin Natural Rubber (NR)/Novel Reclaimed GRT Blend Compounds	Progress In Rubber Plastics and Recycling Technology	0.214
Daswatte, C	Arch	A Legacy over Time	A + U-Architecture and Urbanism	0.004
Munasinghe, H	Arch	Architecture Education in Sri Lanka Harsha Munasinghe	A + U-Architecture and Urbanism	0.004

Wickramasinghe, D; Wickramasinghe, V	MoT, TCT	Differences in organizational factors by lean duration	Operations Management Research	0
Gunaratne, GL; Tanaka, N; Amarasekara, GP; Priyadarshana, T; Manatunge, J	CE	Impact of rubble mound groyne structural interventions in restoration of Koggala lagoon, Sri Lanka; numerical modelling approach	Journal Of Coastal Conservation	0
Wickramasinghe, V; Chandrasekara, R	MoT	Differential effects of employment status on work-related outcomes A pilot study of permanent and casual workers in Sri Lanka	Employee Relations	0
Wickramasinghe, V; Weliwitigoda, P	MoT	Benefits gained from dimensions of social capital: a study of software developers in Sri Lanka	Information Technology & People	0
Wickramasinghe, V; De Zoyza, N	MoT	Managerial competency requirements that enhance organisational competences: a study of a Sri Lankan telecom organisation	International Journal of Human Resource Management	0

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<i>Perera, ATD; Wickremasinghe, DMIJ; Mahindaratna, DVS; Attalage, RA; Perera, KKCK; Bartholameuz, EM</i>	<i>ME</i>	<i>Sensitivity of internal combustion generator capacity in standalone hybrid energy systems</i>	<i>Energy</i>	<i>3.651</i>
<i>Nik, WBW; Ibrahim, MZ; Samo, KB; Muzathik, AM</i>	<i>ITUM</i>	<i>Monthly mean hourly global solar radiation estimation</i>	<i>Solar Energy</i>	<i>2.952</i>
Mallawarachchi, H; Karunasena, G	BE	Electronic and electrical waste management in Sri Lanka: Suggestions for national policy enhancements	Resources Conservation and Recycling	2.319
<i>Yang, XQ; Kodikara, GRL; Luedeling, E; Yang, XF; He, J; Liu, PG; Xu, JC</i>	<i>ERE</i>	<i>Looking below the ground: Prediction of Tuber indicum habitat using the Weights of Evidence method</i>	<i>Ecological Modelling</i>	<i>2.069</i>
Karunasena, G; Amaratunga, D; Haigh, R	BE	Post-Disaster Construction & Demolition Debris Management: A Sri Lanka Case Study	Journal of Civil Engineering and Management	2.016
<i>De Silva, SHUI; Amarasinghe, ADUS; Premachandra, BAJK; Prashantha, MAB</i>	<i>CPE</i>	<i>Effect of karawila (Momordica charantia) seed oil on synthesizing the alkyd resins based on soya bean (Glycine max) oil</i>	<i>Progress in organic Coatings</i>	<i>1.848</i>
Wickramasinghe, V; Karunasekara, M	MoT	Impact of ERP systems on work and work-life	Industrial Management & Data Systems	1.674
Wickramasinghe, LJM; Munindradasa, DAI; Fernando, P	ENTC	A new species of Polypedates Tschudi (Amphibia, Anura, Rhacophoridae) from Sri Lanka	Zootaxa	0.974
Wickramasinghe, V; Karunasekara, M	MoT	Perceptual differences of enterprise resource planning systems between management and operational end-users	Behaviour & Information Technology	0.856
Hemapala, KTMU; Razzoli, RP	EE	Design and Development of a Landmines Removal Robot Regular Paper	International Journal of Advanced Robotic Systems	0.821
Egodage, SM; Harper, JF; Walpalage, S	CPE	Effect of maleimide curing on mechanical properties of ground tyre rubber/waste polypropylene blends	Plastics Rubber and Composites	0.631

Dasanayaka, SWSB	MoT	Economic feasibility of carbon emission reduction in electricity generation, a case study based on Sri Lanka	International Journal of Global Warming	0.588
Farjad, B; Pirasteh, S; Shafri, HZB; Wijesekara, N; Mohamed, TA	CE	Groundwater intrinsic vulnerability and risk mapping	Proceedings of The Institution of Civil Engineers-Water Management	0.535
Ranathunga, L; Abdullah, NA; Zainuddin, R	IT	User's Visual Intention Driven Retrieval Model For Semantic Video Search And Retrieval	Malaysian Journal of Computer Science	0.161
Mampearachchi, WK; Kosgolla, JV; Tia, M	CE	Feasibility of whitetopping pavements for resurfacing thin asphalt pavements	Journal of the National Science Foundation of Sri Lanka	0.153
Mampearachchi, WK; Mihirani, GS; Binduhewa, BWP; Lalithya, GDD	CE	Review of asphalt binder grading systems for hot mix asphalt pavements in Sri Lanka	Journal of the National Science Foundation of Sri Lanka	0.153
Mampearachchi, WK; Fernando, PRD	CE	Evaluation of the effect of Superpave aggregate gradations on Marshall mix design parameters of wearing course	Journal of the National Science Foundation of Sri Lanka	0.153
Bandara, KMK; Dias, WPS	CE	Tsunami wave loading on buildings: a simplified approach	Journal of the National Science Foundation of Sri Lanka	0.153
Samaranayake, V; Gamage, C	CSE	Employee perception towards electronic monitoring at work place and its impact on job satisfaction of software professionals in Sri Lanka	Telematics and Informatics	0
Wickramasinghe, V; Gurugamage, A	MoT	Effects of social demographic attributes, knowledge about credit cards and perceived lifestyle outcomes on credit card usage	International Journal of Consumer Studies	0
Rajapaksha, U; Hyde, R	Arch	Barriers to and opportunities for advanced passive cooling in sub-tropical climates	Architectural Science Review	