Mohammad Sadegh Taskhiri

List of Publications by Year
in descending order

23 papers	408 citations	840776 11 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	423 citing authors

#	Article	IF	Citations
1	Design and Testing of a Novel Unoccupied Aircraft System for the Collection of Forest Canopy Samples. Forests, 2022, 13, 153.	2.1	8
2	Sensor Agnostic Semantic Segmentation of Structurally Diverse and Complex Forest Point Clouds Using Deep Learning. Remote Sensing, 2021, 13, 1413.	4.0	33
3	Impact of Roadside Drying on Delivered Costs for Eucalyptus globulus Logging Residue and Whole Trees Supplying a Hypothetical Energy Plant in Western Australia Using a Linear-Programming Model. Forests, 2021, 12, 455.	2.1	1
4	Using discrete-event simulation to compare congestion management initiatives at a port terminal. Simulation Modelling Practice and Theory, 2021, 112, 102362.	3.8	15
5	Intelligent Predictive Maintenance (IPdM) in Forestry: A Review of Challenges and Opportunities. Forests, 2021, 12, 1495.	2.1	6
6	Forest Structural Complexity Tool—An Open Source, Fully-Automated Tool for Measuring Forest Point Clouds. Remote Sensing, 2021, 13, 4677.	4.0	22
7	From communities to individuals: Using remote sensing to inform and monitor woodland restoration. Ecological Management and Restoration, 2021, 22, 127-139.	1.5	4
8	Feature extraction of wood-hole defects using empirical mode decomposition of ultrasonic signals. NDT and E International, 2020, 114, 102282.	3.7	35
9	Enhancing Methods for Under-Canopy Unmanned Aircraft System Based Photogrammetry in Complex Forests for Tree Diameter Measurement. Remote Sensing, 2020, 12, 1652.	4.0	41
10	Residues and bio-energy generation: A case study modelling value chain optimisation in Tasmania. Energy, 2020, 196, 117007.	8.8	3
11	Ultrasonic and thermal testing to non-destructively identify internal defects in plantation eucalypts. Computers and Electronics in Agriculture, 2020, 173, 105396.	7.7	11
12	Optimising cascaded utilisation of wood resources considering economic and environmental aspects. Computers and Chemical Engineering, 2019, 124, 302-316.	3.8	17
13	Understanding the Impact of User Behaviours and Scheduling Parameters on the Effectiveness of a Terminal Appointment System Using Discrete Event Simulation. IFIP Advances in Information and Communication Technology, 2019, , 27-34.	0.7	0
14	An assessment of in-field non-destructive testing methods for detection of internal defects in standing live trees. , 2019, , .		0
15	Optimizing the Location of Biomass Energy Facilities by Integrating Multi-Criteria Analysis (MCA) and Geographical Information Systems (GIS). Forests, 2018, 9, 585.	2.1	49
16	Exploring the Role of Information Systems in Mitigating Gate Congestion Using Simulation: Theory and Practice at a Bulk Export Terminal Gate. IFIP Advances in Information and Communication Technology, 2018, , 367-374.	0.7	1
17	Non-destructive evaluation of a plantation eucalyptus. , 2018, , .		1
18	Below-canopy UAS photogrammetry for stem measurement in radiata pine plantation. , 2018, , .		5

#	Article	IF	Citations
19	Sustainable logistics network for wood flow considering cascade utilisation. Journal of Cleaner Production, 2016, 110, 25-39.	9.3	43
20	Sustainable Supply Chain Management: Practical Ideas forÂMoving Towards Best Practice. Journal of Cleaner Production, 2016, 110, 200.	9.3	0
21	Fuzzy optimization of a waste-to-energy network system in an eco-industrial park. Journal of Material Cycles and Waste Management, 2015, 17, 476-489.	3.0	24
22	MILP model for emergy optimization in EIP water networks. Clean Technologies and Environmental Policy, 2011, 13, 703-712.	4.1	29
23	Emergy-based fuzzy optimization approach for water reuse in an eco-industrial park. Resources, Conservation and Recycling, 2011, 55, 730-737.	10.8	60