

# Mohammad Sadegh Taskhiri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7119467/publications.pdf>

Version: 2024-02-01

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	Energy-based fuzzy optimization approach for water reuse in an eco-industrial park. Resources, Conservation and Recycling, 2011, 55, 730-737.	10.8	60
2	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
3	Sustainable logistics network for wood flow considering cascade utilisation. Journal of Cleaner Production, 2016, 110, 25-39.	9.3	43
4	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
5	Feature extraction of wood-hole defects using empirical mode decomposition of ultrasonic signals. NDT and E International, 2020, 114, 102282.	3.7	35
6	Sensor Agnostic Semantic Segmentation of Structurally Diverse and Complex Forest Point Clouds Using Deep Learning. Remote Sensing, 2021, 13, 1413.	4.0	33
7	MILP model for energy optimization in EIP water networks. Clean Technologies and Environmental Policy, 2011, 13, 703-712.	4.1	29
8	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
9	Forest Structural Complexity Tool—An Open Source, Fully-Automated Tool for Measuring Forest Point Clouds. Remote Sensing, 2021, 13, 4677.	4.0	22
10	Optimising cascaded utilisation of wood resources considering economic and environmental aspects. Computers and Chemical Engineering, 2019, 124, 302-316.	3.8	17
11	Using discrete-event simulation to compare congestion management initiatives at a port terminal. Simulation Modelling Practice and Theory, 2021, 112, 102362.	3.8	15
12	Ultrasonic and thermal testing to non-destructively identify internal defects in plantation eucalypts. Computers and Electronics in Agriculture, 2020, 173, 105396.	7.7	11
13	Design and Testing of a Novel Unoccupied Aircraft System for the Collection of Forest Canopy Samples. Forests, 2022, 13, 153.	2.1	8
14	Intelligent Predictive Maintenance (IPdM) in Forestry: A Review of Challenges and Opportunities. Forests, 2021, 12, 1495.	2.1	6
15	Below-canopy UAS photogrammetry for stem measurement in radiata pine plantation. , 2018, , .		5
16	From communities to individuals: Using remote sensing to inform and monitor woodland restoration. Ecological Management and Restoration, 2021, 22, 127-139.	1.5	4
17	Residues and bio-energy generation: A case study modelling value chain optimisation in Tasmania. Energy, 2020, 196, 117007.	8.8	3
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Non-destructive evaluation of a plantation eucalyptus. , 2018, , .		1
21	Sustainable Supply Chain Management: Practical Ideas for Moving Towards Best Practice. Journal of Cleaner Production, 2016, 110, 200.	9.3	0
22	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
23	An assessment of in-field non-destructive testing methods for detection of internal defects in standing live trees. , 2019, , .		0