

Yi Tan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1869945/yi-tan-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

426
citations

11
h-index

17
g-index

17
ext. papers

594
ext. citations

5.8
avg, IF

4.49
L-index

#	Paper	IF	Citations
16	BIM/GIS integration for web GIS-based bridge management. <i>Annals of GIS</i> , 2021 , 27, 99-109	4.1	9
15	Cost and environmental impact estimation methodology and potential impact factors in offshore oil and gas platform decommissioning: A review. <i>Environmental Impact Assessment Review</i> , 2021 , 87, 106536	5.3	5
14	Optimization algorithms for construction site layout planning: a systematic literature review. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 1913-1938	3.1	15
13	Automated Geometric Quality Inspection of Prefabricated Housing Units Using BIM and LiDAR. <i>Remote Sensing</i> , 2020 , 12, 2492	5	8
12	Computational Methods of Acquisition and Processing of 3D Point Cloud Data for Construction Applications. <i>Archives of Computational Methods in Engineering</i> , 2020 , 27, 479-499	7.8	49
11	Computational methodologies for optimal sensor placement in structural health monitoring: A review. <i>Structural Health Monitoring</i> , 2020 , 19, 1287-1308	4.4	35
10	A holistic framework to utilize natural ventilation to optimize energy performance of residential high-rise buildings. <i>Building and Environment</i> , 2019 , 153, 218-232	6.5	36
9	Analyzing the Leading Causes of Traffic Fatalities Using XGBoost and Grid-Based Analysis: A City Management Perspective. <i>IEEE Access</i> , 2019 , 7, 148059-148072	3.5	42
8	An Economical Approach to Geo-Referencing 3D Model for Integration of BIM and GIS 2019 , 321-334		
7	BIM-supported 4D acoustics simulation approach to mitigating noise impact on maintenance workers on offshore oil and gas platforms. <i>Automation in Construction</i> , 2019 , 100, 1-10	9.6	5
6	Developing an evacuation evaluation model for offshore oil and gas platforms using BIM and agent-based model. <i>Automation in Construction</i> , 2018 , 89, 214-224	9.6	30
5	Spatial and temporal variations of spatial population accessibility to public hospitals: a case study of rural-urban comparison. <i>GIScience and Remote Sensing</i> , 2018 , 55, 718-744	4.8	36
4	Optimizing lift operations and vessel transport schedules for disassembly of multiple offshore platforms using BIM and GIS. <i>Automation in Construction</i> , 2018 , 94, 328-339	9.6	17
3	A BIM-based framework for lift planning in topsides disassembly of offshore oil and gas platforms. <i>Automation in Construction</i> , 2017 , 79, 19-30	9.6	32
2	A semi-automated approach to generate 4D/5D BIM models for evaluating different offshore oil and gas platform decommissioning options. <i>Visualization in Engineering</i> , 2017 , 5,	3	12
1	Trends and Opportunities of BIM-GIS Integration in the Architecture, Engineering and Construction Industry: A Review from a Spatio-Temporal Statistical Perspective. <i>ISPRS International Journal of Geo-Information</i> , 2017 , 6, 397	2.9	94