

Shuai Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8555291/publications.pdf>

Version: 2024-02-01

28
papers

696
citations

516215

16
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

507
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoor camera pose estimation via style-transfer 3D models. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 335-353.	6.3	26
2	Mixture Density Networks-Based Knock Simulator. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 159-168.	3.7	33
3	Align to locate: Registering photogrammetric point clouds to BIM for robust indoor localization. <i>Building and Environment</i> , 2022, 209, 108675.	3.0	16
4	Recognizing object surface materials to adapt robotic disinfection in infrastructure facilities. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1521-1546.	6.3	14
5	Reconstructing unseen spaces in collapsed structures for search and rescue via deep learning based radargram inversion. <i>Automation in Construction</i> , 2022, 140, 104380.	4.8	14
6	Improved Mask R-CNN with distance guided intersection over union for GPR signature detection and segmentation. <i>Automation in Construction</i> , 2021, 121, 103414.	4.8	56
7	Deep Learning-Based Subsurface Target Detection From GPR Scans. <i>IEEE Sensors Journal</i> , 2021, 21, 8161-8171.	2.4	36
8	Integrating Building Information Model and Augmented Reality for Drone-Based Building Inspection. <i>Journal of Computing in Civil Engineering</i> , 2021, 35, .	2.5	48
9	Influence of market structures on concession pricing in Public-Private-Partnership utilities with asymmetric information. <i>Utilities Policy</i> , 2021, 69, 101162.	2.1	5
10	Comparative analysis of impact of human occupancy on indoor microbiomes. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 89.	3.3	14
11	Real option-based optimization for financial incentive allocation in infrastructure projects under public-private partnerships. <i>Frontiers of Engineering Management</i> , 2020, 7, 413-425.	3.3	6
12	A Cyber-Physical System for Multi-Roller Control in Mega Infrastructure Projects. , 2020, , .		1
13	AiRobSim: Simulating a Multisensor Aerial Robot for Urban Search and Rescue Operation and Training. <i>Sensors</i> , 2020, 20, 5223.	2.1	17
14	Fusing Heterogeneous Information for Underground Utility Map Generation Based on Dempster-Shafer Theory. <i>Journal of Computing in Civil Engineering</i> , 2020, 34, 04020013.	2.5	10
15	Segmenting areas of potential contamination for adaptive robotic disinfection in built environments. <i>Building and Environment</i> , 2020, 184, 107226.	3.0	40
16	Ground-penetrating radar-based root architecture detection and characterization. , 2020, , .		1
17	3D reconstruction of voids in disaster rubble using ground-penetrating radar. , 2020, , .		1
18	Infrastructure privatization analysis: A public-private duopoly game. <i>Transport Policy</i> , 2019, 83, 80-87.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Government contracting with monopoly in infrastructure provision: Regulation or deregulation?. Transportation Research, Part E: Logistics and Transportation Review, 2019, 122, 506-523.	3.7	26
20	Empirical Analysis of Capital Structure Determinants in Infrastructure Projects under Public-Private Partnerships. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	20
21	Pseudo-random Number Sequence Generator Based on Chaotic Logistic-Tent System. , 2019, , .		6
22	Collaborative operation and real-time control of roller fleet for asphalt pavement compaction. Automation in Construction, 2019, 98, 16-29.	4.8	34
23	An integrated visualization framework to support whole-process management of water pipeline safety. Automation in Construction, 2018, 89, 24-37.	4.8	19
24	Infrastructure financing with project bond and credit default swap under public-private partnerships. International Journal of Project Management, 2017, 35, 406-419.	2.7	45
25	Government incentive impacts on private investment behaviors under demand uncertainty. Transportation Research, Part E: Logistics and Transportation Review, 2017, 101, 115-129.	3.7	51
26	Real-Time Quality Monitoring and Control of Highway Compaction. Automation in Construction, 2016, 62, 114-123.	4.8	62
27	A real-time monitoring system for lift-thickness control in highway construction. Automation in Construction, 2016, 63, 27-36.	4.8	26
28	Uncertainty-aware geospatial system for mapping and visualizing underground utilities. Automation in Construction, 2015, 53, 105-119.	4.8	62