

Xinghua Gao

List of Publications by Year in descending order

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15
papers

1,168
citations

932766

10
h-index

1281420

11
g-index

15
all docs

15
docs citations

15
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of building information modeling (BIM) and the internet of things (IoT) devices integration: Present status and future trends. <i>Automation in Construction</i> , 2019, 101, 127-139.	4.8	476
2	BIM-enabled facilities operation and maintenance: A review. <i>Advanced Engineering Informatics</i> , 2019, 39, 227-247.	4.0	213
3	Planning and developing facility management-enabled building information model (FM-enabled BIM). <i>Automation in Construction</i> , 2018, 87, 22-38.	4.8	195
4	BIM assisted Building Automation System information exchange using BACnet and IFC. <i>Automation in Construction</i> , 2020, 110, 103049.	4.8	74
5	A review of computing-based automated fault detection and diagnosis of heating, ventilation and air conditioning systems. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112395.	8.2	54
6	A meta-model-based optimization approach for fast and reliable calibration of building energy models. <i>Energy</i> , 2019, 188, 116046.	4.5	39
7	Internet of Things Enabled Data Acquisition Framework for Smart Building Applications. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	2.0	33
8	A human-centred approach to smart housing. <i>Building Research and Information</i> , 2021, 49, 84-99.	2.0	26
9	A framework of developing machine learning models for facility life-cycle cost analysis. <i>Building Research and Information</i> , 2020, 48, 501-525.	2.0	18
10	Feasibility of zero-energy affordable housing. <i>Energy and Buildings</i> , 2021, 241, 110919.	3.1	14
11	A cost-effective, scalable, and portable IoT data infrastructure for indoor environment sensing. <i>Journal of Building Engineering</i> , 2022, 49, 104027.	1.6	12
12	Machine Learning Applications in Facility Life-Cycle Cost Analysis: A Review. , 2019, , .		6
13	Past, Present, and Future of BIM-Enabled Facilities Operation and Maintenance. , 2018, , .		5
14	A Scalable Cyber-Physical System Data Acquisition Framework for the Smart Built Environment. , 2019, , .		3
15	Machine Learning-Based Building Life-Cycle Cost Prediction: A Framework and Ontology. , 2020, , .		0