

# Xinghua Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4086630/publications.pdf>

Version: 2024-02-01

15  
papers

1,168  
citations

933264

10  
h-index

1281743

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

839  
citing authors

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