Xin Xu

List of Publications by Year
in descending order

10 papers	197 citations	1307366 7 h-index	1588896 8 g-index
10 all docs	10 docs citations	10 times ranked	97 citing authors

#	Article	IF	Citations
1	Semantic approach to compliance checking of underground utilities. Automation in Construction, 2020, 109, 103006.	4.8	52
2	BIM-GIS-DCEs enabled vulnerability assessment of interdependent infrastructures â€" A case of stormwater drainage-building-road transport Nexus in urban flooding. Automation in Construction, 2021, 125, 103626.	4.8	35
3	Ontology and rule-based natural language processing approach for interpreting textual regulations on underground utility infrastructure. Advanced Engineering Informatics, 2021, 48, 101288.	4.0	32
4	Risk-Based Prioritization of Construction Inspection. Transportation Research Record, 2018, 2672, 96-105.	1.0	25
5	Ontology-Based Knowledge Management System for Digital Highway Construction Inspection. Transportation Research Record, 2019, 2673, 52-65.	1.0	22
6	Automating Utility Permitting within Highway Right-of-Way via a Generic UML/OCL Model and Natural Language Processing. Journal of Construction Engineering and Management - ASCE, 2020, 146, 04020135.	2.0	11
7	Extraction of Construction Quality Requirements from Textual Specifications via Natural Language Processing. Transportation Research Record, 2021, 2675, 222-237.	1.0	10
8	Automatic Generation of Customized Checklists for Digital Construction Inspection. Transportation Research Record, 0, , 036119812199582.	1.0	5
9	Domain Ontology for Utility Infrastructure: Coupling the Semantics of CityGML Utility Network ADE and Domain Glossaries. Journal of Computing in Civil Engineering, 2021, 35, .	2.5	4
10	An Ontology Approach to Utility Knowledge Representation. , 2018, , .		1