Natural-language-based intelligent retrieval engine for

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Study of Energy Simulation Integrated Process by Automated Extraction Module of the BIM Geometry Module. Energies, 2019, 12, 2461.	3.1	3
2	Natural-language-based intelligent retrieval engine for BIM object database. Computers in Industry, 2019, 108, 73-88.	9.9	53
3	Development of microclimatic systems buildings of the space industry enterprise by traditional and modern automated methods. AIP Conference Proceedings, 2019, , .	0.4	1
4	A review of integrated applications of BIM and related technologies in whole building life cycle. Engineering, Construction and Architectural Management, 2020, 27, 1647-1677.	3.1	47
5	Recognition of High-Risk Scenarios in Building Construction Based on Image Semantics. Journal of Computing in Civil Engineering, 2020, 34, .	4.7	32
6	Automated staff assignment for building maintenance using natural language processing. Automation in Construction, 2020, 113, 103150.	9.8	43
7	BIMSeek++: Retrieving BIM components using similarity measurement of attributes. Computers in Industry, 2020, 116, 103186.	9.9	19
8	Sustainable building design: Analysing the feasibility of BIM platforms to support practical building sustainability assessment. Computers in Industry, 2021, 127, 103400.	9.9	44
9	A semantic common model for product data in the water industry. Journal of Information Technology in Construction, 2021, 26, 566-590.	2.1	3
10	Multi-scale Information Retrieval for BIM using Hierarchical Structure Modelling and Natural Language Processing. Journal of Information Technology in Construction, 2021, 26, 409-426.	2.1	8
11	BIMASR: Framework for Voice-Based BIM Information Retrieval. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	3.8	15
12	A critical review of text-based research in construction: Data source, analysis method, and implications. Automation in Construction, 2021, 132, 103915.	9.8	39
13	Whole Life Cycle Construction Information Flow using Semantic Web Technologies: A Case for Infrastructure Projects. , 0, , .		0
14	BIM-Based Framework for Formwork Planning Considering Potential Reuse. Journal of Management in Engineering - ASCE, 2022, 38, .	4.8	7
15	Ontology-aware dynamically adaptable free-form natural language agent interface for querying databases. Knowledge-Based Systems, 2022, 239, 108012.	7.1	0
16	On Building Pipe Network Operation Management Using Cloud Computing and Building Information Modeling. , 2021, , .		0
17	Scholar Recommendation Based on High-Order Propagation of Knowledge Graphs. International Journal on Semantic Web and Information Systems, 2022, 18, 1-19.	5.1	6
18	Towards Automated Construction Quantity Take-Off: An Integrated Approach to Information Extraction from Work Descriptions. Buildings, 2022, 12, 354.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Named Entity Recognition Algorithm for iBISDS Using Neural Network. , 2022, , .		1
20	NLP-Based Query-Answering System for Information Extraction from Building Information Models. Journal of Computing in Civil Engineering, 2022, 36, .	4.7	17
21	A graph-based approach for module library development in industrialized construction. Computers in Industry, 2022, 139, 103659.	9.9	7
22	Language database construction method based on big data and deep learning. AEJ - Alexandria Engineering Journal, 2022, 61, 9437-9446.	6.4	7
23	Artificial intelligence-based voice assistant for BIM data management. Automation in Construction, 2022, 140, 104320.	9.8	18
24	Web Page Ranking Using Web Mining Techniques: A Comprehensive Survey. Mobile Information Systems, 2022, 2022, 1-19.	0.6	6
25	Query Answering System for Building Information Modeling Using BERT NN Algorithm and NLG. , 2022, , .		1
26	Linking external knowledge to heritage BIM. Automation in Construction, 2022, 141, 104444.	9.8	22
27	Transfer learning-based query classification for intelligent building information spoken dialogue. Automation in Construction, 2022, 141, 104403.	9.8	11
28	Development of a mobile application for occupant-centric facility maintenance management. , 2022, , .		1
29	Intelligent question and answer system for building information modeling and artificial intelligence of things based on the bidirectional encoder representations from transformers model. Automation in Construction, 2022, 142, 104483.	9.8	12
30	BIM-based design decisions documentation using design episodes, explanation tags, and constraints. Journal of Information Technology in Construction, 2022, 27, 756-780.	2.1	3
31	Technical specifications to meet the requirements of an Automatic Code Compliance Checking tool and current developments in infrastructure construction. Results in Engineering, 2022, 16, 100650.	5.1	1
32	An Enhanced Information Retrieval Method Based on Ontology for Bridge Inspection. Applied Sciences (Switzerland), 2022, 12, 10599.	2.5	1
33	An Evaluation Tool for Physical Accessibility of Cultural Heritage Buildings. Sustainability, 2022, 14, 15251.	3.2	5
34	Artificial Intelligence-Oriented User Interface Design and Human Behavior Recognition based on Human–Computer Nature Interaction. International Journal of Humanoid Robotics, 2023, 20, .	1.1	2
35	Conversational artificial intelligence in the AEC industry: A review of present status, challenges and opportunities. Advanced Engineering Informatics, 2023, 55, 101869.	8.0	24
36	Leveraging Natural Language Processing for Automated Information Inquiry from Building Information Models. Journal of Information Technology in Construction, 2023, 28, 266-285.	2.1	0

#	ARTICLE	IF	CITATIONS
37	Development of a Visual Search Service Effectiveness Scale for Assessing Image Search Effectiveness: A Behavioral and Technological Perspective. International Journal of Human-Computer Interaction, 0, , 1-15.	4.8	1
38	BIM product recommendation for intelligent design using style learning. Journal of Building Engineering, 2023, 73, 106701.	3.4	4
39	Integrated workflow with mobile mapping survey and BIM approach to digitalize subway infrastructures. European Transport - Trasporti Europei, 2023, , 1-16.	0.5	0
40	Advancing Bridge Construction Monitoring: AI-Based Building Information Modeling for Intelligent Structural Damage Recognition. Applied Artificial Intelligence, 2023, 37, .	3.2	1
41	A Peer Review on Natural Language Interface: Various Challenges and Scope. , 2023, , .		0
42	An ontology-aided, natural language-based approach for multi-constraint BIM model querying. Journal of Building Engineering, 2023, 76, 107066.	3.4	3
43	BIM Search Engine: Effects of Object Relationships and Information Standards. Buildings, 2023, 13, 1591.	3.1	1
44	Sandpile-simulation-based graph data model for MVD generative design of shield tunnel lining using information entropy. Advanced Engineering Informatics, 2023, 57, 102108.	8.0	0
45	Dynamic prompt-based virtual assistant framework for BIM information search. Automation in Construction, 2023, 155, 105067.	9.8	4
46	Application of building information modeling-blockchain integration in the Architecture, Engineering, and Construction / Facilities Management industry: A review. Journal of Building Engineering, 2023, 77, 107551.	3.4	3
47	NLP-based approach for automated safety requirements information retrieval from project documents. Expert Systems With Applications, 2024, 239, 122401.	7.6	0
48	Development of building microclimatic systems by traditional and modern automated methods. , 2021, 110, 145-154.		0
49	Text mining and natural language processing in construction. Automation in Construction, 2024, 158, 105200.	9.8	1
50	BIM Library Transplant: Bridging Human Expertise and Artificial Intelligence for Customized Design Detailing. Journal of Computing in Civil Engineering, 2024, 38, .	4.7	0
51	An Artificial Intelligence-Based Framework for Automated Information Inquiry from Building Information Models Using Natural Language Processing and Ontology. , 2024, , .		0
52	Interactive Design by Integrating a Large Pre-Trained Language Model and Building Information Modeling. , 2024, , .		0
53	Information Requirement Analysis for Establishing BIM-Oriented Natural Language Interfaces. Lecture Notes in Civil Engineering, 2024, , 531-540.	0.4	0