

Peter Demian

List of Publications by Year in descending order

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42
papers

829
citations

566801

15
h-index

500791

28
g-index

44
all docs

44
docs citations

44
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the industry's cultural-cognitive elements on actors' intention to adopt BIM: an empirical study in Peru. <i>Engineering, Construction and Architectural Management</i> , 2023, 30, 1183-1200.	1.8	6
2	Virtual Reality Aided Therapy towards Health 4.0: A Two-Decade Bibliometric Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1525.	1.2	52
3	Occupants' Perspectives of the Use of Smartphones during Fire Evacuation from High-Rise Residential Buildings. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5298.	1.3	2
4	A Conceptual Framework for Blockchain Enhanced Information Modeling for Healing and Therapeutic Design. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8218.	1.2	4
5	Blockchain and Building Information Management (BIM) for Sustainable Building Development within the Context of Smart Cities. <i>Sustainability</i> , 2021, 13, 2090.	1.6	63
6	Collaboration through Integrated BIM and GIS for the Design Process in Rail Projects: Formalising the Requirements. <i>Infrastructures</i> , 2021, 6, 52.	1.4	9
7	Customising Evacuation Instructions for High-Rise Residential Occupants to Expedite Fire Egress: Results from Agent-Based Simulation. <i>Fire</i> , 2021, 4, 21.	1.2	15
8	Development of a Conceptual Framework for Effective Quality Management Practices in Construction Organisations. <i>Journal of Construction Business and Management</i> , 2021, 5, 1-16.	0.1	1
9	Leveraging Micro-Level Building Information Modeling for Managing Sustainable Design: United Kingdom Experience. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-11.	0.4	0
10	The Information Resilience Framework. <i>Journal of Data and Information Quality</i> , 2020, 12, 1-25.	1.5	6
11	Building Information Management (BIM) and Blockchain (BC) for Sustainable Building Design Information Management Framework. <i>Electronics (Switzerland)</i> , 2019, 8, 724.	1.8	65
12	A Building Information Modelling (BIM) based Water Efficiency (BWe) Framework for Sustainable Building Design and Construction Management. <i>Electronics (Switzerland)</i> , 2019, 8, 599.	1.8	14
13	A tool for signage placement recommendation in hospitals based on wayfinding metrics. <i>Indoor and Built Environment</i> , 2018, 27, 925-937.	1.5	11
14	Integration of Building Information Modelling (BIM) and Sensor Technology. , 2018, , .		4
15	Design Lessons From the Analysis of Nurse Journeys in a Hospital Ward. <i>Herd</i> , 2018, 11, 116-129.	0.9	11
16	Three-Dimensional Information Retrieval (3DIR). <i>Advances in Civil and Industrial Engineering Book Series</i> , 2018, , 115-135.	0.2	0
17	Three-Dimensional Information Retrieval (3DIR). , 2018, , 1016-1029.		0
18	An enterprise architecture framework for electronic requirements information management. <i>International Journal of Information Management</i> , 2017, 37, 455-472.	10.5	32

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19	Modeling and simulating hospital operations in a 3D environment. , 2017, , .		2
20	Three-Dimensional Information Retrieval (3DIR). International Journal of 3-D Information Modeling, 2016, 5, 67-78.	0.2	3
21	Using Evidence-Based Design to Improve Pharmacy Department Efficiency. Herd, 2016, 10, 130-143.	0.9	3
22	Transferring architectural management into practice: A taxonomy framework. Frontiers of Architectural Research, 2015, 4, 237-247.	1.3	9
23	What is architectural management? Towards a pragmatic definition. Engineering, Construction and Architectural Management, 2015, 22, 151-168.	1.8	6
24	A BIM-aided construction waste minimisation framework. Automation in Construction, 2015, 59, 1-23.	4.8	138
25	Lifting Wing in Constructing Tall Buildings – Aerodynamic Testing. Buildings, 2014, 4, 245-265.	1.4	3
26	An empirical study of the complexity of requirements management in construction projects. Engineering, Construction and Architectural Management, 2014, 21, 505-531.	1.8	40
27	The advantages of information management through building information modelling. Construction Management and Economics, 2014, 32, 1153-1165.	1.8	92
28	The use of virtual learning environments and their impact on academic performance. Engineering Education, 2012, 7, 11-19.	0.3	29
29	Information Retrieval from Civil Engineering Repositories: Importance of Context and Granularity. Journal of Computing in Civil Engineering, 2012, 26, 727-740.	2.5	17
30	Effects of granularity of search results on the relevance judgment behavior of engineers: Building systems for retrieval and understanding of context. Journal of the Association for Information Science and Technology, 2010, 61, 453-467.	2.6	1
31	Key influences of innovation magnitude and mode. Proceedings of Institution of Civil Engineers: Management, Procurement and Law, 2010, 163, 161-169.	0.4	2
32	Problem solving and creativity in engineering: conclusions of a three year project involving reusable learning objects and robots. Engineering Education, 2010, 5, 4-17.	0.3	20
33	Britain's tall building boom: now bust?. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2009, 162, 161-168.	0.4	2
34	Effective visualisation of design versions: visual storytelling for design reuse. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2009, 19, 193-204.	1.2	15
35	Towards a national design scoreboard: A model to enable comparison of performance between countries. , 2008, , .		0
36	Collaborative design exploration in an interactive workspace. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2007, 21, 279-293.	0.7	6

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37	An ethnographic study of design knowledge reuse in the architecture, engineering, and construction industry. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2006, 16, 184-195.	1.2	57
38	Finding and Understanding Reusable Designs from Large Hierarchical Repositories. <i>Information Visualization</i> , 2006, 5, 28-46.	1.2	15
39	Methodology for Usability Evaluation of Corporate Memory Design Reuse Systems. <i>Journal of Computing in Civil Engineering</i> , 2006, 20, 377-389.	2.5	17
40	Usability Evaluation of a Corporate Memory System. , 2005, , 1.		1
41	Measuring Relevance in Support of Design Reuse from Archives of Building Product Models. <i>Journal of Computing in Civil Engineering</i> , 2005, 19, 119-136.	2.5	24
42	CoMem: Designing an interaction experience for reuse of rich contextual knowledge from a corporate memory. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2002, 16, 127-147.	0.7	27