

Sylvain Kubicki

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

488
citations

8
h-index

21
g-index

53
ext. papers

727
ext. citations

2.9
avg, IF

4.55
L-index

#	Paper	IF	Citations
46	Towards a semantic Construction Digital Twin: Directions for future research. <i>Automation in Construction</i> , 2020 , 114, 103179	9.6	169
45	Review of building energy performance certification schemes towards future improvement. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 113, 109244	16.2	79
44	Optimizing Energy Efficiency in Operating Built Environment Assets through Building Information Modeling: A Case Study. <i>Energies</i> , 2017 , 10, 1167	3.1	40
43	Designing adapted visualization for collaborative 4D applications. <i>Automation in Construction</i> , 2013 , 36, 152-167	9.6	37
42	The Challenge of Level of Development in 4D/BIM Simulation Across AEC Project Lifecycle. A Case Study. <i>Procedia Engineering</i> , 2015 , 123, 59-67		32
41	Assessment of synchronous interactive devices for BIM project coordination: Prospective ergonomics approach. <i>Automation in Construction</i> , 2019 , 101, 160-178	9.6	12
40	BIM-enhanced collaborative smart technologies for LEAN construction processes 2017 ,		12
39	Development of an adaptation table to enhance the accuracy of the predicted mean vote model. <i>Building and Environment</i> , 2020 , 168, 106504	6.5	11
38	Promoting Energy Efficiency in the Built Environment through Adapted BIM Training and Education. <i>Energies</i> , 2020 , 13, 2308	3.1	8
37	Method to Design Coordinated Multiple Views Adapted to User's Business Requirements in 4D Collaborative Tools in AEC 2011 ,		7
36	Challenges of Big Data in the Age of Building Information Modeling: A High-Level Conceptual Pipeline. <i>Lecture Notes in Computer Science</i> , 2015 , 48-56	0.9	6
35	IT Barometer Survey in Luxembourg: First Results to Understand IT Innovation in Construction Sector 2014 ,		6
34	Towards a Sustainable Services Innovation in the Construction Sector. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2009 , 319-333	0.3	6
33	An intelligent semantic system for real-time demand response management of a thermal grid. <i>Sustainable Cities and Society</i> , 2020 , 52, 101857	10.1	6
32	Multi-visualization of the Cooperative Context in Building Construction Activity A Model-Based Approach to design AEC-specific Visualization Interfaces. <i>Proceedings / International Conference on Information Visualisation</i> , 2007 ,		5
31	From Collaborative Business Practices to User-Adapted Visualization Services: Towards a Usage-Centered Method Dedicated to the AEC Sector. <i>Lecture Notes in Computer Science</i> , 2011 , 145-153 ^{0.9}	0.9	5
30	Social media mining for BIM skills and roles for energy efficiency 2019 ,		4

29	IT Services Design to Support Coordination Practices in the Luxembourgish AEC Sector. <i>Lecture Notes in Computer Science</i> , 2007 , 396-403	0.9	4
28	A Metamodel to Describe nD CAD Visualization as Coordinated Multiple Views. <i>Lecture Notes in Computer Science</i> , 2012 , 219-226	0.9	4
27	Semantics for linking data from 4D BIM to digital collaborative support. <i>Frontiers of Engineering Management</i> , 2020 , 1	2.7	3
26	Trust-Oriented Multi-visualization of Cooperation Context 2009 ,		3
25	Ontology Assisted Collaboration Sessions on 4D BIM 2019 ,		3
24	A Virtual Collaborative Platform to Support Building Information Modeling Implementation for Energy Efficiency. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 539-550	0.5	3
23	Viewpoints Reconciliation in Services Design: A Model-Driven Approach for Highly Collaborative Environments. <i>Lecture Notes in Business Information Processing</i> , 2010 , 62-68	0.6	3
22	Goal-based business service composition. <i>Service Oriented Computing and Applications</i> , 2013 , 7, 231-257	1.6	2
21	An Automatic Requirements Negotiation Approach for Business Services 2011 ,		2
20	A Goal-Based Business Service Selection Approach 2011 ,		2
19	Data-driven development in the smart city: Generative design for refugee camps in Luxembourg. <i>Entrepreneurship and Sustainability Issues</i> , 2017 , 4, 364-379	3.3	2
18	A Model-Based Method for the Design of Services in Collaborative Business Environments. <i>Lecture Notes in Business Information Processing</i> , 2011 , 68-82	0.6	2
17	Collaborative 4D/nD Construction Simulation: What Is It?. <i>Lecture Notes in Computer Science</i> , 2013 , 161-168	0.8	1
16	Technologies in the planning of refugees' camps: A parametric participative framework for spatial camp planning 2017 ,		1
15	Toward a Trust-Based Construction Management. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2010 , 25, 253-268	8.4	1
14	Adaptation of user views to business requirements 2010 ,		1
13	Capturing and Aligning Assurance Requirements for Business Services Systems. <i>Lecture Notes in Computer Science</i> , 2012 , 71-92	0.9	1
12	Post-occupancy Evaluation Parameters in Multi-objective OptimizationBased Design Process 2019 , 463-470		1

11	Transdisciplinary Research Buildings as Service-Oriented Product-Service Systems 2021 , 139-151	0
10	BIM and Energy Efficiency training requirement for the construction industry. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 297, 012037	0.3
9	Supporting Collaborative Decision in Architectural Design with Synchronous Collocated 4D Simulation and Natural User Interactions. <i>Lecture Notes in Computer Science</i> , 2014 , 159-162	0.9
8	A 4D BIM System Architecture for the Semantic Web. <i>Lecture Notes in Civil Engineering</i> , 2021 , 561-573	0.3
7	BIM4VET, Towards BIM Training Recommendation for AEC Professionals 2019 , 833-840	
6	A Participative Framework Covering Urban Planning Process with A Parametric Approach. <i>Lecture Notes in Civil Engineering</i> , 2021 , 1239-1251	0.3
5	Role-Specific Practices as Guidelines for Information Visualization in Service Systems. <i>Lecture Notes in Computer Science</i> , 2009 , 173-176	0.9
4	Usage-Centered Design of Adaptable Visualization Services: Application to Cooperation Support Services System in the AEC Sector. <i>Lecture Notes in Business Information Processing</i> , 2010 , 15-29	0.6
3	A Prediction Accuracy Weighted Voting Ensemble Method for Thermal Sensation Evaluation. <i>Sustainable Development Goals Series</i> , 2021 , 249-267	0.5
2	Sustainable Energy Skills in the Construction Sector. <i>Proceedings (mdpi)</i> , 2020 , 65, 27	0.3
1	Development of an Adaptation Table to Enhance the Accuracy of the Predicted Mean Vote Model. <i>Sustainable Development Goals Series</i> , 2021 , 227-247	0.5