

Yacine Rezgui

List of Publications by Year in descending order

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214
papers

7,814
citations

46918

47
h-index

60497

81
g-index

219
all docs

219
docs citations

219
times ranked

6594
citing authors

#	ARTICLE	IF	CITATIONS
1	A proposed roadmap for delivering zero carbon fishery ports. Energy Reports, 2022, 8, 82-88.	2.5	2
2	Performance and energy optimization of building automation and management systems: Towards smart sustainable carbon-neutral sports facilities. Renewable and Sustainable Energy Reviews, 2022, 162, 112401.	8.2	48
3	The application of life cycle assessment in buildings: challenges, and directions for future research. International Journal of Life Cycle Assessment, 2022, 27, 627-654.	2.2	36
4	Neural network-based model predictive control system for optimizing building automation and management systems of sports facilities. Applied Energy, 2022, 318, 119153.	5.1	53
5	Shear walls optimization in a reinforced concrete framed building for seismic risk reduction. Journal of Building Engineering, 2022, 54, 104620.	1.6	5
6	The near-isotropic elastic properties of interpenetrating composites reinforced by regular fibre-networks. Materials and Design, 2022, 221, 110923.	3.3	4
7	Machine learning and Natural Language Processing of social media data for event detection in smart cities. Sustainable Cities and Society, 2022, 85, 104026.	5.1	12
8	Robust requirements gathering for ontologies in smart water systems. Requirements Engineering, 2021, 26, 97-114.	2.1	6
9	Building information modelling knowledge harvesting for energy efficiency in the Construction industry. Clean Technologies and Environmental Policy, 2021, 23, 1215-1231.	2.1	15
10	A Prediction Accuracy Weighted Voting Ensemble Method for Thermal Sensation Evaluation. Sustainable Development Goals Series, 2021, , 249-267.	0.2	0
11	Cybersecurity for digital twins in the built environment: current research and future directions. Journal of Information Technology in Construction, 2021, 26, 159-173.	1.4	28
12	Edge HVAC Analytics. Energies, 2021, 14, 5464.	1.6	7
13	Development of an Adaptation Table to Enhance the Accuracy of the Predicted Mean Vote Model. Sustainable Development Goals Series, 2021, , 227-247.	0.2	0
14	Decarbonisation of seaports: A review and directions for future research. Energy Strategy Reviews, 2021, 38, 100727.	3.3	21
15	Leveraging BIM and Blockchain for Digital Twins. , 2021, , .		8
16	Digitalising Risk of Fire Resilience for UK buildings. , 2021, , .		1
17	Using mixed methods around a digital twin to study the prevalence of Sick Building Syndrome symptoms among University students. , 2021, , .		0
18	Optimal control-based price strategies for smart fishery ports micro-grids. , 2021, , .		1

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19	BIM for Energy Efficiency Training Requirements in the Context of a Developing Country: The Case of Saudi Arabia. , 2021, , .		2
20	An intelligent semantic system for real-time demand response management of a thermal grid. Sustainable Cities and Society, 2020, 52, 101857.	5.1	13
21	Analysis and simulation of smart energy clusters and energy value chain for fish processing industries. Energy Reports, 2020, 6, 534-540.	2.5	10
22	The UDSA ontology: An ontology to support real time urban sustainability assessment. Advances in Engineering Software, 2020, 140, 102731.	1.8	25
23	Development of an adaptation table to enhance the accuracy of the predicted mean vote model. Building and Environment, 2020, 168, 106504.	3.0	25
24	Public Perception of Vernacular Architecture in the Arabian Peninsula: The Case of Rawshan. Buildings, 2020, 10, 151.	1.4	4
25	Predictive assembling model reveals the self-adaptive elastic properties of lamellipodial actin networks for cell migration. Communications Biology, 2020, 3, 616.	2.0	16
26	Auxetic interpenetrating composites: A new approach to non-porous materials with a negative or zero Poissonâ€™s ratio. Composite Structures, 2020, 243, 112195.	3.1	9
27	Federating Smart Cluster Energy Grids for Peer-to-Peer Energy Sharing and Trading. IEEE Access, 2020, 8, 102419-102435.	2.6	18
28	Promoting Energy Efficiency in the Built Environment through Adapted BIM Training and Education. Energies, 2020, 13, 2308.	1.6	21
29	Towards the adoption of automated regulatory compliance checking in the built environment. Automation in Construction, 2020, 118, 103285.	4.8	37
30	Developing Smart Energy Communities around Fishery Ports: Toward Zero-Carbon Fishery Ports. Energies, 2020, 13, 2779.	1.6	18
31	Towards a semantic Construction Digital Twin: Directions for future research. Automation in Construction, 2020, 114, 103179.	4.8	491
32	User Centered Neuro-Fuzzy Energy Management Through Semantic-Based Optimization. IEEE Transactions on Cybernetics, 2019, 49, 3278-3292.	6.2	18
33	Edge-Cloud Orchestration: Strategies for Service Placement and Enactment. , 2019, , .		9
34	Social media mining for BIM skills and roles for energy efficiency. , 2019, , .		6
35	Modelling and implementing smart micro-grids for fish-processing industry. , 2019, , .		4
36	Rawshan: Environmental Impact of a Vernacular Shading Building Element in Hot Humid Climates. , 2019, , .		1

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37	Review of building energy performance certification schemes towards future improvement. Renewable and Sustainable Energy Reviews, 2019, 113, 109244.	8.2	141
38	A simplified geo-cluster definition for energy system planning in Europe. Energy Procedia, 2019, 158, 3222-3227.	1.8	5
39	Urban-scale framework for assessing the resilience of buildings informed by a delphi expert consultation. International Journal of Disaster Risk Reduction, 2019, 36, 101079.	1.8	30
40	Operational supply and demand optimisation of a multi-vector district energy system using artificial neural networks and a genetic algorithm. Applied Energy, 2019, 235, 699-713.	5.1	94
41	Structural Behavior Analysis and Optimization, Integrating MATLAB with Autodesk Robot. , 2019, , 379-386.		0
42	Automated Model Construction for Combined Sewer Overflow Prediction Based on Efficient LASSO Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1254-1269.	5.9	21
43	BIM4VET, Towards BIM Training Recommendation for AEC Professionals. , 2019, , 833-840.		0
44	Agent-Based Appliance Scheduling for Energy Management in Industry 4.0. Lecture Notes in Computer Science, 2019, , 199-207.	1.0	1
45	Water utility decision support through the semantic web of things. Environmental Modelling and Software, 2018, 102, 94-114.	1.9	19
46	An Intelligent Analytics System for Real-Time Catchment Regulation and Water Management. IEEE Transactions on Industrial Informatics, 2018, 14, 3970-3981.	7.2	7
47	Holistic modelling techniques for the operational optimisation of multi-vector energy systems. Energy and Buildings, 2018, 169, 397-416.	3.1	29
48	A zone-level, building energy optimisation combining an artificial neural network, a genetic algorithm, and model predictive control. Energy, 2018, 151, 729-739.	4.5	176
49	Requirements for cloud-based BIM governance solutions to facilitate team collaboration in construction projects. Requirements Engineering, 2018, 23, 1-31.	2.1	67
50	Ontology-driven development of web services to support district energy applications. Automation in Construction, 2018, 86, 210-225.	4.8	19
51	Deep Highway Networks and Tree-Based Ensemble for Predicting Short-Term Building Energy Consumption. Energies, 2018, 11, 3408.	1.6	20
52	Ensemble-Based Network Edge Processing. , 2018, , .		2
53	Impact of Next Generation District Heating Systems on Distribution Network Heat Losses: A Case Study Approach. IOP Conference Series: Materials Science and Engineering, 2018, 301, 012123.	0.3	0
54	Nurturing Virtual Collaborative Networks into Urban Resilience for Seismic Hazards Mitigation. IFIP Advances in Information and Communication Technology, 2018, , 132-143.	0.5	1

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55	Cognitive Based Decision Support for Water Management and Catchment Regulation. IFIP Advances in Information and Communication Technology, 2018, , 467-477.	0.5	0
56	Achieving Smart Water Network Management Through Semantically Driven Cognitive Systems. IFIP Advances in Information and Communication Technology, 2018, , 478-485.	0.5	1
57	Collaborative Network for District Energy Operation and Semantic Technologies: A Case Study. IFIP Advances in Information and Communication Technology, 2018, , 486-495.	0.5	0
58	District Heating Energy Generation Optimisation Considering Thermal Storage. , 2018, , .		2
59	A Real-Time Energy Management Platform for Multi-vector District Energy Systems. IFIP Advances in Information and Communication Technology, 2018, , 560-568.	0.5	0
60	Integrated Framework to Manage Building's Sustainability Efficiency, Design Features and Building Envelope. IFIP Advances in Information and Communication Technology, 2018, , 650-660.	0.5	1
61	A systematic mixed-integer differential evolution approach for water network operational optimization. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170879.	1.0	9
62	Tree-based ensemble methods for predicting PV power generation and their comparison with support vector regression. Energy, 2018, 164, 465-474.	4.5	174
63	Predictive modelling for solar thermal energy systems: A comparison of support vector regression, random forest, extra trees and regression trees. Journal of Cleaner Production, 2018, 203, 810-821.	4.6	282
64	Use-case analysis for assessing the role of Building Information Modeling in energy efficiency. , 2018, , 31-38.		1
65	An ANN-GA Semantic Rule-Based System to Reduce the Gap Between Predicted and Actual Energy Consumption in Buildings. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1351-1363.	3.4	45
66	District heating and cooling optimization and enhancement " Towards integration of renewables, storage and smart grid. Renewable and Sustainable Energy Reviews, 2017, 72, 281-294.	8.2	119
67	A novel concept to measure envelope thermal transmittance and air infiltration using a combined simulation and experimental approach. Energy and Buildings, 2017, 140, 380-387.	3.1	16
68	Management of Collaborative BIM Data by Federating Distributed BIM Models. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	36
69	Factors for effective BIM governance. Journal of Building Engineering, 2017, 10, 89-101.	1.6	128
70	Efficient least angle regression for identification of linear-in-the-parameters models. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160775.	1.0	8
71	Towards the next generation of smart grids: Semantic and holonic multi-agent management of distributed energy resources. Renewable and Sustainable Energy Reviews, 2017, 77, 193-214.	8.2	201
72	Trees vs Neurons: Comparison between random forest and ANN for high-resolution prediction of building energy consumption. Energy and Buildings, 2017, 147, 77-89.	3.1	630

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73	Integrating building and urban semantics to empower smart water solutions. Automation in Construction, 2017, 81, 434-448.	4.8	72
74	Performance analysis of multi-institutional data sharing in the Clouds4Coordination system. Computers and Electrical Engineering, 2017, 58, 227-240.	3.0	7
75	Electrical load forecasting models: A critical systematic review. Sustainable Cities and Society, 2017, 35, 257-270.	5.1	287
76	Usability evaluation of a web-based tool for supporting holistic building energy management. Automation in Construction, 2017, 84, 154-165.	4.8	70
77	Critical review of existing built environment resilience frameworks: Directions for future research. International Journal of Disaster Risk Reduction, 2017, 25, 173-189.	1.8	74
78	Coordinating multi-site construction projects using federated clouds. Automation in Construction, 2017, 83, 273-284.	4.8	21
79	Upscaling energy control from building to districts: Current limitations and future perspectives. Sustainable Cities and Society, 2017, 35, 816-829.	5.1	72
80	Using Material and Energy Flow Analysis to Estimate Future Energy Demand at the City Level. Energy Procedia, 2017, 115, 440-450.	1.8	5
81	Towards the innovation of an integrated "One-Stop-Shop" online services utility management: Exploring customer technology acceptance. Sustainable Cities and Society, 2017, 34, 126-143.	5.1	15
82	Establishing domestic low energy consumption reference levels for Saudi Arabia and the Wider Middle Eastern Region. Sustainable Cities and Society, 2017, 28, 265-276.	5.1	23
83	Moving from targeted acquisition to urban area modelling " increasing the scale of point cloud processing. , 2017, , .		0
84	A smart heating set point scheduler using an artificial neural network and genetic algorithm. , 2017, , .		2
85	Multi-objective consideration of earthquake resilience in the built environment: The case of Wenchuan earthquake. , 2017, , .		2
86	A Smart Forecasting Approach to District Energy Management. Energies, 2017, 10, 1073.	1.6	22
87	Optimizing Energy Efficiency in Operating Built Environment Assets through Building Information Modeling: A Case Study. Energies, 2017, 10, 1167.	1.6	62
88	An ANN-Based Energy Forecasting Framework for the District Level Smart Grids. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 107-117.	0.2	2
89	Temporal trends of energy consumption and co2 emissions in Riyadh, Saudi Arabia. International Journal of Energy Production and Management, 2017, 2, 165-172.	1.9	0
90	Public perceptions and attitudes to biological risks: Saudi Arabia and regional perspectives. Disasters, 2016, 40, 799-815.	1.1	13

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91	Building energy metering and environmental monitoring – A state-of-the-art review and directions for future research. Energy and Buildings, 2016, 120, 85-102.	3.1	245
92	Computational intelligence techniques for HVAC systems: A review. Building Simulation, 2016, 9, 359-398.	3.0	167
93	Web-based 3D urban decision support through intelligent and interoperable services. , 2016, , .		2
94	Preserving prosumer privacy in a district level smart grid. , 2016, , .		2
95	Dynamic simulation of heat losses in a district heating system: A case study in Wales. , 2016, , .		4
96	Progress in ambient assisted systems for independent living by the elderly. SpringerPlus, 2016, 5, 624.	1.2	101
97	A Novel Fast Optimisation Algorithm Using Differential Evolution Algorithm Optimisation and Meta-Modelling Approach. Studies in Computational Intelligence, 2016, , 177-193.	0.7	0
98	A HPC based cloud model for real-time energy optimisation. Enterprise Information Systems, 2016, 10, 108-128.	3.3	12
99	ANN-based GA smart appliance scheduling for optimised energy management in the domestic sector. Energy and Buildings, 2016, 111, 311-325.	3.1	115
100	Cloud-Based BIM Governance Platform Requirements and Specifications: Software Engineering Approach Using BPMN and UML. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	29
101	Optimization of Potable Water Distribution and Wastewater Collection Networks: A Systematic Review and Future Research Directions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 659-681.	5.9	46
102	An Analytical Optimization Model for Holistic Multiobjective District Energy Management - A Case Study Approach. International Journal of Modeling and Optimization, 2016, 6, 156-165.	0.4	3
103	Distributed Multi-Cloud Based Building Data Analytics. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 143-169.	0.5	1
104	Coordinating Data Analysis and Management in Multi-layered Clouds. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 357-366.	0.2	0
105	Ontology-based approach for structural design considering low embodied energy and carbon. Energy and Buildings, 2015, 102, 75-90.	3.1	36
106	AN INTEGRATED FRAMEWORK UTILISING SOFTWARE AGENT REASONING AND ONTOLOGY MODELS FOR SENSOR BASED BUILDING MONITORING. Journal of Civil Engineering and Management, 2015, 21, 356-375.	1.9	7
107	An investigation into factors influencing domestic energy consumption in an energy subsidized developing economy. Habitat International, 2015, 47, 41-51.	2.3	29
108	The development of sustainable assessment method for Saudi Arabia built environment: weighting system. Sustainability Science, 2015, 10, 167-178.	2.5	33

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109	Delphi-based consensus study into a framework of community resilience to disaster. <i>Natural Hazards</i> , 2015, 75, 2221-2245.	1.6	70
110	A semantic service-oriented platform for energy efficient buildings. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 721-734.	2.1	11
111	Consensus-based low carbon domestic design framework for sustainable homes. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 417-432.	8.2	8
112	A rule-based semantic approach for automated regulatory compliance in the construction sector. <i>Expert Systems With Applications</i> , 2015, 42, 5219-5231.	4.4	101
113	Disaster community resilience assessment method: a consensus-based Delphi and AHP approach. <i>Natural Hazards</i> , 2015, 78, 395-416.	1.6	82
114	Smart Grid Futures: Perspectives on the Integration of Energy and ICT Services. <i>Energy Procedia</i> , 2015, 75, 1132-1137.	1.8	34
115	Governance Model for Cloud Computing in Building Information Management. <i>IEEE Transactions on Services Computing</i> , 2015, 8, 314-327.	3.2	13
116	Clouds4Coordination: Managing Project Collaboration in Federated Clouds. , 2015, , .		0
117	BIM Based Virtual Environment for Fire Emergency Evacuation. <i>Scientific World Journal</i> , The, 2014, 2014, 1-22.	0.8	71
118	In-Transit Data Analysis and Distribution in a Multi-cloud Environment Using CometCloud. , 2014, , .		5
119	Exploring the Need for a BIM Governance Model: UK Construction Practitioners' Perceptions. , 2014, , .		7
120	The Process of Adapting a Sustainable Building Assessment Method Worldwide: SEAM, A Case Study. , 2014, , .		0
121	Risk assessment in service provider communities. <i>Future Generation Computer Systems</i> , 2014, 41, 32-43.	4.9	8
122	Utilizing artificial neural network to predict energy consumption and thermal comfort level: An indoor swimming pool case study. <i>Energy and Buildings</i> , 2014, 80, 45-56.	3.1	87
123	High throughput computing based distributed genetic algorithm for building energy consumption optimization. <i>Energy and Buildings</i> , 2014, 76, 92-101.	3.1	61
124	Developing an ISDM Adoption Decision Model Using Delphi and AHP. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 2799-2815.	1.1	3
125	Domestic energy consumption patterns in a hot and humid climate: A multiple-case study analysis. <i>Applied Energy</i> , 2014, 114, 353-365.	5.1	61
126	Domestic energy consumption patterns in a hot and arid climate: A multiple-case study analysis. <i>Renewable Energy</i> , 2014, 62, 369-378.	4.3	31

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127	Cloud Supported Building Data Analytics. , 2014, , .		11
128	Knowledge-Based Holistic Energy Management of Public Buildings. , 2014, , .		3
129	A modular optimisation model for reducing energy consumption in large scale building facilities. Renewable and Sustainable Energy Reviews, 2014, 38, 990-1002.	8.2	40
130	A conceptual framework to support solar PV simulation using an open-BIM data exchange standard. Automation in Construction, 2014, 37, 166-181.	4.8	61
131	Engaging construction stakeholders with sustainability through a knowledge harvesting platform. Computers in Industry, 2014, 65, 449-469.	5.7	21
132	Planning innovation orientation in public research and development organizations: Using a combined Delphi and Analytic Hierarchy Process approach. Technological Forecasting and Social Change, 2014, 87, 245-256.	6.2	20
133	Water Analytics and Intelligent Sensing for Demand Optimised Management: The WISDOM Vision and Approach. Procedia Engineering, 2014, 89, 1050-1057.	1.2	3
134	Energy Consumption Patterns for Domestic Buildings in Hot Climates Using Saudi Arabia as Case Study Field: Multiple Case Study Analyses. , 2014, , .		5
135	Cloud computing for the architecture, engineering & construction sector: requirements, prototype & experience. Journal of Cloud Computing: Advances, Systems and Applications, 2013, 2, 8.	2.1	31
136	A GOVERNANCE APPROACH FOR BIM MANAGEMENT ACROSS LIFECYCLE AND SUPPLY CHAINS USING MIXED-MODES OF INFORMATION DELIVERY. Journal of Civil Engineering and Management, 2013, 19, 239-258.	1.9	97
137	A proposed model for sustainable urban planning development for environmentally friendly communities. Architectural Engineering and Design Management, 2013, 9, 176-194.	1.2	28
138	Categorization of malicious behaviors using ontology-based cognitive agents. Data and Knowledge Engineering, 2013, 85, 40-56.	2.1	16
139	Public perception of the risk of disasters in a developing economy: the case of Saudi Arabia. Natural Hazards, 2013, 65, 1813-1830.	1.6	39
140	Developing sustainable building assessment scheme for Saudi Arabia: Delphi consultation approach. Renewable and Sustainable Energy Reviews, 2013, 27, 43-54.	8.2	81
141	Editorial for special issue: Cloud computing and distributed data management in the AEC " Architecture, Engineering and Construction industry. Advanced Engineering Informatics, 2013, 27, 158-159.	4.0	6
142	Software agent reasoning supporting non-intrusive building space usage monitoring. Computers in Industry, 2013, 64, 678-693.	5.7	2
143	ICT adoption and diffusion in the construction industry of a developing economy: The case of the sultanate of Oman. Architectural Engineering and Design Management, 2013, 9, 62-75.	1.2	19
144	BARRIERS TO CONSTRUCTION INDUSTRY STAKEHOLDERS'™ ENGAGEMENT WITH SUSTAINABILITY: TOWARD A SHARED KNOWLEDGE EXPERIENCE. Technological and Economic Development of Economy, 2013, 19, 289-309.	2.3	19

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145	An ICT framework for coupling renewables and energy storage in low carbon districts and cities. , 2013, , .		0
146	Community resilience factors to disaster in Saudi Arabia: the case of Makkah Province. WIT Transactions on the Built Environment, 2013, , .	0.0	3
147	Using Delphi and AHP in Information Systems Development Methodologies. , 2012, , .		1
148	Trust modelling and analysis in peer-to-peer clouds. International Journal of Cloud Computing, 2012, 1, 221.	0.3	14
149	An ontology framework for intelligent sensor-based building monitoring. Automation in Construction, 2012, 28, 1-14.	4.8	70
150	ISDM adoption using Delphi and AHP. , 2012, , .		0
151	Sustainable building assessment tool development approach. Sustainable Cities and Society, 2012, 5, 52-62.	5.1	180
152	A proposed method for generating high resolution current and future climate data for Passivhaus design. Energy and Buildings, 2012, 55, 481-493.	3.1	34
153	An investigation into recent proposals for a revised definition of zero carbon homes in the UK. Energy Policy, 2012, 46, 25-35.	4.2	58
154	Risk Assessment in Service Provider Communities. Lecture Notes in Computer Science, 2012, , 135-147.	1.0	12
155	Assessing Value-Based Plans in Public R&D Using the Analytic Hierarchy Process. International Federation for Information Processing, 2012, , 310-317.	0.4	1
156	IT Leadership in Higher Education: The CIO Candidate. IT Professional, 2011, 13, 52-56.	1.4	3
157	Evaluating Trust in Peer-to-Peer Service Provider Communities. , 2011, , .		7
158	Sustainable Construction Ontology Development Using Information Retrieval Techniques. , 2011, , .		1
159	Past, present and future of information and knowledge sharing in the construction industry: Towards semantic service-based e-construction?. CAD Computer Aided Design, 2011, 43, 502-515.	1.4	66
160	Towards intelligent agent based software for building related decision support. Advanced Engineering Informatics, 2011, 25, 311-329.	4.0	19
161	Hidden parts in the history of the school library in Kuwait. Library Review, 2010, 59, 401-413.	1.5	1
162	Generations of knowledge management in the architecture, engineering and construction industry: An evolutionary perspective. Advanced Engineering Informatics, 2010, 24, 219-228.	4.0	102

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163	Federating information portals through an ontology-centred approach: A feasibility study. <i>Advanced Engineering Informatics</i> , 2010, 24, 340-354.	4.0	10
164	Value creating construction virtual teams: A case study in the construction sector. <i>Automation in Construction</i> , 2010, 19, 142-147.	4.8	37
165	Activity Awareness as an Enabler for Communication and Network Building in Construction Design Teams. <i>Journal of Computing in Civil Engineering</i> , 2010, 24, 430-440.	2.5	5
166	Exploring the Potential of SME Alliances in the Construction Sector. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 558-567.	2.0	44
167	Adoption and Diffusion of m-Government: Challenges and Future Directions for Research. <i>International Federation for Information Processing</i> , 2010, , 88-94.	0.4	17
168	Perceiving societal value as the core of innovation management in public research and development organizations. , 2010, , .		5
169	Autonomous Malicious Activity Inspector "AMAI. <i>Lecture Notes in Computer Science</i> , 2010, , 204-215.	1.0	6
170	Promoting Sustainability Awareness through Energy Engaged Virtual Communities of Construction Stakeholders. <i>International Federation for Information Processing</i> , 2010, , 142-148.	0.4	3
171	Security Awareness in Virtual Communities: The Case of Non-located Academic Research Collaborations. <i>International Federation for Information Processing</i> , 2010, , 634-641.	0.4	0
172	Interoperable Knowledge: Achievements and Future Challenges. , 2009, , 171-191.		0
173	A Comparative Study of Information Security Awareness in Higher Education Based on the Concept of Design Theorizing. , 2009, , .		8
174	Transforming SME strategies via innovative transient knowledge-based alliances in the construction sector. , 2009, , .		3
175	A modified fuzzy clustering for documents retrieval: application to document categorization. <i>Journal of the Operational Research Society</i> , 2009, 60, 384-394.	2.1	14
176	A New Conceptual Approach to Document Indexing. , 2009, , .		1
177	Towards a synchronized semantic model to support aspects of building management. , 2009, , .		2
178	Knowledge Value Creation Characteristics of Virtual Teams: A Case Study in the Construction Sector. <i>IFIP Advances in Information and Communication Technology</i> , 2009, , 157-167.	0.5	1
179	A Socio-technical Approach for Transient SME Alliances. <i>IFIP Advances in Information and Communication Technology</i> , 2009, , 603-613.	0.5	1
180	Information security awareness in higher education: An exploratory study. <i>Computers and Security</i> , 2008, 27, 241-253.	4.0	122

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181	Value creation: the future of knowledge management. Knowledge Engineering Review, 2008, 23, 283-294.	2.1	43
182	A Concept Based Indexing Approach for Document Clustering. , 2008, , .		2
183	An evolutionary and interpretive perspective to knowledge management. Journal of Knowledge Management, 2008, 12, 17-34.	3.2	75
184	Virtual Team Working: Current Issues and Directions for the Future. International Federation for Information Processing, 2008, , 351-360.	0.4	9
185	Exploring the Influence of Collectiveness on Value Creation Adoption in an Information Technology Organization. International Federation for Information Processing, 2008, , 139-157.	0.4	4
186	Semantic Resources Integration and Interoperability in the Construction Domain. Lecture Notes in Business Information Processing, 2008, , 336-347.	0.8	2
187	Exploring the Influence of Socio-Emotional Factors on Knowledge Management Practices: A Case Study. International Federation for Information Processing, 2008, , 27-41.	0.4	0
188	Exploring Ontology Adoption and Diffusion in the Construction Virtual Enterprise. International Federation for Information Processing, 2008, , 253-262.	0.4	1
189	Intra- and Interorganizational Knowledge Services to Promote Informed Sustainability Practices. Journal of Computing in Civil Engineering, 2007, 21, 78-89.	2.5	30
190	Knowledge systems and value creation. Industrial Management and Data Systems, 2007, 107, 166-182.	2.2	68
191	Text-based domain ontology building using Tf-Idf and metric clusters techniques. Knowledge Engineering Review, 2007, 22, 379-403.	2.1	51
192	Role-based service-oriented implementation of a virtual enterprise: A case study in the construction sector. Computers in Industry, 2007, 58, 74-86.	5.7	33
193	Exploring virtual team-working effectiveness in the construction sector. Interacting With Computers, 2007, 19, 96-112.	1.0	69
194	Computer integrated construction: A review and proposals for future direction. Advances in Engineering Software, 2007, 38, 677-687.	1.8	59
195	Knowledge informed decision making in the building lifecycle: An application to the design of a water drainage system. Automation in Construction, 2007, 16, 596-606.	4.8	15
196	A Service Infrastructure to Support Ubiquitous Engineering Practices. , 2007, , 627-636.		3
197	A Review of Thai Knowledge Management Practices: An Empirical Study. , 2006, , .		1
198	From Knowledge Sharing to Value Creation: Three Generations of Knowledge Management. , 2006, , .		8

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