David Edwards

List of Publications by Year
in descending order

196 papers	6,388 citations	76031 42 h-index	107981 68 g-index
199 all docs	199 docs citations	199 times ranked	3304 citing authors

#	Article	IF	Citations
1	A Cognizance of Green Bond Features Preferential to Renewable Energy Project Financing in Ghana. IEEE Transactions on Engineering Management, 2023, 70, 979-990.	2.4	4
2	The antecedents of construction project change: an analysis of design and build procurement application. Journal of Engineering, Design and Technology, 2023, 21, 655-689.	1.1	24
3	Identification of critical capacity building challenges in public-private partnerships (PPPs) projects: the case of Tanzania. International Journal of Construction Management, 2023, 23, 495-504.	2.2	9
4	Performance management within the Dutch steel processing industry. Journal of Engineering, Design and Technology, 2023, 21, 1230-1251.	1.1	9
5	Fuzzy synthetic evaluation of moral hazard and adverse selection of public private partnership projects. International Journal of Construction Management, 2023, 23, 1805-1814.	2.2	9
6	Key requirements for effective implementation of building information modelling for maintenance management. International Journal of Construction Management, 2023, 23, 1902-1910.	2.2	9
7	Exploring BIM-triggered organisational and professional culture change: a systematic literature review. Construction Innovation, 2023, 23, 229-247.	1.5	11
8	Green construction and environmental performance: anÂassessment framework. Smart and Sustainable Built Environment, 2023, 12, 565-583.	2.2	8
9	A roadmap for present focus and future trends of blockchain technology in the built environment. African Journal of Science, Technology, Innovation and Development, 2023, 15, 153-165.	0.8	1
10	Organisational BIM maturity models and their applications: a systematic literature review. Architectural Engineering and Design Management, 2023, 19, 567-585.	1.2	7
11	A factor analysis of the key sustainability content underpinning green cities development in Ghana. International Journal of Construction Management, 2023, 23, 2469-2478.	2.2	2
12	A conceptual construction management curriculum model grounded in scientometric analysis. Engineering, Construction and Architectural Management, 2023, 30, 4143-4170.	1.8	4
13	Evaluation of risk factors in Ghanaian public-private-partnership (PPP) power projects using fuzzy synthetic evaluation methodology (FSEM). Benchmarking, 2023, 30, 2554-2582.	2.9	7
14	Empirical scrutiny of the behavioural intention of construction organisations to use unmanned aerial vehicles. Construction Innovation, 2023, 23, 1075-1094.	1.5	9
15	Barriers to sustainable procurement in the Nigerian construction industry: an exploratory factor analysis. International Journal of Construction Management, 2022, 22, 861-872.	2.2	38
16	Barriers to green cities development in developing countries: evidence from Ghana. Smart and Sustainable Built Environment, 2022, 11, 438-453.	2.2	29
17	A fuzzy synthetic evaluation of the challenges of smart city development in developing countries. Smart and Sustainable Built Environment, 2022, 11, 405-421.	2.2	43
18	Underlying indicators for measuring smartness of buildings in the construction industry. Smart and Sustainable Built Environment, 2022, 11, 126-142.	2.2	17

#	Article	IF	Citations
19	A bibliometric review of the status and emerging research trends in construction safety management technologies. International Journal of Construction Management, 2022, 22, 2699-2711.	2.2	59
20	An assessment of students' job preference using a discrete choice experiment: a postgraduate case study. Journal of Humanities and Applied Social Sciences, 2022, 4, 159-178.	0.5	4
21	Barriers to sustainable construction project management: the case of Iran. Smart and Sustainable Built Environment, 2022, 11, 717-739.	2.2	26
22	Dynamic construction site layout planning: an application of branch and bond algorithm. International Journal of Building Pathology and Adaptation, 2022, 40, 523-538.	0.7	3
23	Dynamic capabilities for digitalisation in the AECO sector – a scientometric review. Engineering, Construction and Architectural Management, 2022, 29, 1585-1608.	1.8	25
24	Factors influencing the decision to adopt Smart Building Technology (SBT) in developing countries. African Journal of Science, Technology, Innovation and Development, 2022, 14, 790-800.	0.8	3
25	Systematic analysis of driverless technologies. Journal of Engineering, Design and Technology, 2022, 20, 1388-1411.	1.1	28
26	Assessing the "clerk of works" role in delivering quality affordable housing: a UK case study. Smart and Sustainable Built Environment, 2022, 11, 996-1016.	2.2	11
27	A theoretical framework for classifying project complexity at the preconstruction stage using cluster analysis techniques. Engineering, Construction and Architectural Management, 2022, 29, 3754-3774.	1.8	6
28	Curriculum development in the higher education literature: A synthesis focusing on construction management programmes. Industry and Higher Education, 2022, 36, 456-470.	1.4	13
29	Importance of hospital facilities management performance indicators: Building practitioners' perspectives. Journal of Building Engineering, 2022, 45, 103428.	1.6	10
30	Integrated BIM and DfMA parametric and algorithmic design based collaboration for supporting client engagement within offsite construction. Automation in Construction, 2022, 133, 104015.	4.8	39
31	A bibliometric review on the implications of renewable offshore marine energy development on marine species. Aquaculture and Fisheries, 2022, 7, 211-222.	1.2	14
32	Attributes and impact of advance payment system on cash flow, project and organisational performance. Journal of Financial Management of Property and Construction, 2022, 27, 306-322.	0.9	4
33	Modelling the relationship between Building Information Modelling (BIM) implementation barriers, usage and awareness on building project lifecycle. Building and Environment, 2022, 207, 108556.	3.0	73
34	Machine learning-aided engineering services' cost overruns prediction in high-rise residential building projects: Application of random forest regression. Journal of Building Engineering, 2022, 50, 104102.	1.6	30
35	Energy conservation literacy among households in Sub-Sahara Africa. International Journal of Energy Sector Management, 2022, 16, 1130-1149.	1.2	8
36	Occupational health and safety orientation in the oil and gas industry of Ghana: analysis of knowledge and attitudinal influences on compliance. Journal of Engineering, Design and Technology, 2022, ahead-of-print, .	1.1	2

#	Article	IF	Citations
37	Fuzzy synthetic evaluation of the systemic obstacles to personalizing knowledge flows within and across projects. Construction Innovation, 2022, ahead-of-print, .	1.5	3
38	Financial management of construction projects: Hyperledger fabric and chaincode solutions. Automation in Construction, 2022, 137, 104185.	4.8	21
39	To build or not to build, that is the uncertainty: Fuzzy synthetic evaluation of risks for sustainable housing in developing economies. Cities, 2022, 125, 103644.	2.7	8
40	Evaluation of symmetries and asymmetries on barriers to sustainable housing in developing countries. Journal of Building Engineering, 2022, 50, 104174.	1.6	7
41	Analysis and modelling of social housing repair and maintenance costs: A UK case study. Journal of Building Engineering, 2022, 52, 104389.	1.6	7
42	An analytic network process model for hospital facilities management performance evaluation. Facilities, 2022, 40, 333-352.	0.8	8
43	The Exposure of Workers at a Busy Road Node to PM2.5: Occupational Risk Characterisation and Mitigation Measures. International Journal of Environmental Research and Public Health, 2022, 19, 4636.	1.2	3
44	A Review of Safety Risk Theories and Models and the Development of a Digital Highway Construction Safety Risk Model. Digital, 2022, 2, 206-223.	1.1	3
45	Conceptual review study of working capital management practices in the construction industry: trends and research prospects in Ghana. Journal of Engineering, Design and Technology, 2022, ahead-of-print, .	1.1	2
46	Validating elements ofÂorganisational maintenance policy for maintenance management ofÂpublic buildings in Nigeria. Journal of Quality in Maintenance Engineering, 2022, ahead-of-print, .	1.0	2
47	Applications of Industry 4.0 digital technologies towards a construction circular economy: gap analysis and conceptual framework. Construction Innovation, 2022, 22, 647-670.	1.5	29
48	Mitigating Factors of Financial Distress Causalities of Project Performance in Ghana. Journal of Infrastructure Systems, 2022, 28, .	1.0	1
49	Industry 4.0 deployment in the construction industry: a bibliometric literature review and UK-based case study. Smart and Sustainable Built Environment, 2021, 10, 557-580.	2.2	159
50	Exploring the linkages between project managers' mindset behaviour and project leadership style in the Ghanaian construction industry. Engineering, Construction and Architectural Management, 2021, 28, 2690-2711.	1.8	10
51	Development of a conceptual model for evaluating the success of BIM-based construction projects. Smart and Sustainable Built Environment, 2021, 10, 681-701.	2.2	17
52	Comparison of modular and traditional UK housing construction: a bibliometric analysis. Journal of Engineering, Design and Technology, 2021, 19, 164-186.	1.1	28
53	Integrating BIM in Higher Education Programs: Barriers and Remedial Solutions in Australia. Journal of Architectural Engineering, 2021, 27, .	0.8	14
54	Mainstreaming sustainable development goals in Ghanaâ€™s energy sector within the framework of publicâ€"private partnerships: challenges, opportunities and strategies. Journal of Engineering, Design and Technology, 2021, 19, 605-624.	1.1	19

#	ARTICLE	IF	CITATIONS
55	A conceptual model of subcontractor development practices for LEED projects. Engineering, Construction and Architectural Management, 2021, 28, 1196-1213.	1.8	2
56	An investigation into the role of the quantity surveyor in the value management workshop process. Journal of Engineering, Design and Technology, 2021, 19, 423-445.	1.1	21
57	Attributable indicators for measuring the level of greenness of cities in developing countries: lessons from Ghana. Journal of Engineering, Design and Technology, 2021, 19, 625-646.	1.1	15
58	The Reality of Financing Small Tourism Firms. , 2021, , 1299-1317.		0
59	Mechanisms and challenges in financing renewable energy projects in sub-Saharan Africa: a Ghanaian perspective. Journal of Financial Management of Property and Construction, 2021, 26, 319-336.	0.9	13
60	A resilient approach to modelling the supply and demand of platelets in the United Kingdom blood supply chain. International Journal of Management Science and Engineering Management, 2021, 16, 143-150.	2.6	12
61	Enhancing occupants' comfort through BIM-based probabilistic approach. Automation in Construction, 2021, 123, 103528.	4.8	27
62	Reverse supply chain conceptual model for construction and demolition waste. Waste Management and Research, 2021, 39, 1341-1355.	2.2	19
63	Exploration of latent barriers inhibiting project management processes in adopting smart building technologies (SBTs) in the developing countries. Construction Innovation, 2021, 21, 685-707.	1.5	12
64	Collaboration in BIM-based construction networks: a qualitative model of influential factors. Engineering, Construction and Architectural Management, 2021, , .	1.8	16
65	Metrics development and modelling the mixed reality and digital twin adoption in the context of Industry 4.0. Engineering, Construction and Architectural Management, 2021, 28, 1355-1376.	1.8	37
66	Post Occupancy Evaluation of School Refurbishment Projects: Multiple Case Study in the UK. Buildings, 2021, 11, 169.	1.4	25
67	Assessing the Policy Provisions and Institutional Behavioral Factors Influencing Rail Infrastructure Financing in Developing Countries. Journal of Infrastructure Systems, 2021, 27, .	1.0	7
68	COVID-19: Research Directions for Non-Clinical Aerosol-Generating Facilities in the Built Environment. Buildings, 2021, 11, 282.	1.4	23
69	A Case Study of a Negotiated Tender within a Small-to-Medium Construction Contractor: Modelling Project Cost Variance. Buildings, 2021, 11, 260.	1.4	16
70	The Role of Blockchain Technology in Augmenting Supply Chain Resilience to Cybercrime. Buildings, 2021, 11, 283.	1.4	63
71	Fire Safety in High-Rise Buildings: Is the Stay-Put Tactic a Misjudgement or Magnificent Strategy?. Buildings, 2021, 11, 339.	1.4	12
72	Modelling the Impact of Building Information Modelling (BIM) Implementation Drivers and Awareness on Project Lifecycle. Sustainability, 2021, 13, 8887.	1.6	47

#	Article	IF	Citations
73	Assessing critical risk factors (CRFs) to sustainable housing: The perspective of a sub-Saharan African country. Journal of Building Engineering, 2021, 41, 102385.	1.6	23
74	Delineating the Implications of Dispersing Teams and Teleworking in an Agile UK Construction Sector. Sustainability, 2021, 13, 9981.	1.6	15
75	Improving women's energy access, rights and equitable sustainable development: a Ghanaian perspective. Ecofeminism and Climate Change, 2021, ahead-of-print, .	0.6	1
76	Barriers impeding sustainable project management: A Social Network Analysis of the Iranian construction sector. Journal of Cleaner Production, 2021, 318, 128405.	4.6	14
77	User-centric analytic approach to evaluate the performance of sports facilities: A study of swimming pools. Journal of Building Engineering, 2021, 44, 102951.	1.6	7
78	Understanding Ethical and Other SMEs Internationalisation Determinants and Its Impact on Business Performance. International Journal of Customer Relationship Marketing and Management, 2021, 12, 1-27.	0.2	4
79	Hand-arm vibration management: an operational health and safety strategy framework. International Journal of Building Pathology and Adaptation, 2021, 39, 811-830.	0.7	8
80	Housing price dynamics on residential construction: A case study of the Australian property sector. Structural Change and Economic Dynamics, 2021, 59, 525-532.	2.1	0
81	Level of Financial Performance of Selected Construction Companies in South Africa. Journal of Risk and Financial Management, 2021, 14, 518.	1.1	3
82	An appraisal of Australia's approach to promoting urban sustainability. Built Environment Project and Asset Management, 2021, ahead-of-print, .	0.9	1
83	Review of the Building Information Modelling (BIM) Implementation in the Context of Building Energy Assessment. Energies, 2021, 14, 8487.	1.6	13
84	Improving the energy production of roof-top solar PV systems through roof design. Building Simulation, 2020, 13, 475-487.	3.0	18
85	Gap theory based post-occupancy evaluation (GTbPOE) of dormitory building performance: A case study and a comparative analysis. Building and Environment, 2020, 185, 107312.	3.0	27
86	Estimating on-site emissions during ready mixed concrete (RMC) delivery: A methodology. Case Studies in Construction Materials, 2020, 13, e00439.	0.8	17
87	A field survey of hand–arm vibration exposure in the UK utilities sector. Engineering, Construction and Architectural Management, 2020, 27, 2179-2198.	1.8	37
88	Real-time structural health monitoring for concrete beams: a cost-effective 'Industry 4.0' solution using piezo sensors. International Journal of Building Pathology and Adaptation, 2020, 39, 283-311.	0.7	33
89	Automating construction manufacturing procedures using BIM digital objects (BDOs). Construction Innovation, 2020, 20, 345-377.	1.5	69
90	Construction output modelling: a systematic review. Engineering, Construction and Architectural Management, 2020, 27, 2959-2991.	1.8	17

#	Article	IF	Citations
91	An investigation into the erroneous access and egress behaviours of building users and their impact upon building performance. Facilities, 2020, 38, 739-760.	0.8	9
92	Patterns and trends in Internet of Things (IoT) research: future applications in the construction industry. Engineering, Construction and Architectural Management, 2020, 28, 457-481.	1.8	109
93	Analysis of success-dependent factors for green bond financing of infrastructure projects in Ghana. Journal of Sustainable Finance and Investment, 2020, , 1-17.	4.1	11
94	Additive Manufacturing Applications for Industry 4.0: A Systematic Critical Review. Buildings, 2020, 10, 231.	1.4	81
95	The Reality of Financing Small Tourism Firms. International Journal of Customer Relationship Marketing and Management, 2020, 11, 64-80.	0.2	5
96	BIM compatibility and its differentiation with interoperability challenges as an innovation factor. Automation in Construction, 2020, 112, 103086.	4.8	103
97	Artificial intelligence in the AEC industry: Scientometric analysis and visualization of research activities. Automation in Construction, 2020, 112, 103081.	4.8	278
98	Barriers of Project Bond Initiatives in Infrastructure Financing in Ghana. , 2020, , 12-21.		4
99	Implementation of Bioenergy Systems towards Achieving United Nations' Sustainable Development Goals in Rural Bangladesh. Sustainability, 2019, 11, 3814.	1.6	16
100	The impact of infrastructure development on economic growth in sub-Saharan Africa with special focus on Ghana. Journal of Financial Management of Property and Construction, 2019, 24, 253-273.	0.9	28
101	Determination of the Potential Impact of Domestic Anaerobic Digester Systems: A Community Based Research Initiative in Rural Bangladesh. Processes, 2019, 7, 512.	1.3	15
102	Pension reforms, risk transfer and housing finance innovations. Journal of Housing and the Built Environment, 2019, 34, 1149-1167.	0.9	4
103	Automated planning of concrete joint layouts with 4D-BIM. Automation in Construction, 2019, 107, 102943.	4.8	52
104	Construct-it: A board game to enhance built environment students' understanding of the property life cycle. Industry and Higher Education, 2019, 33, 186-197.	1.4	2
105	Post-occupancy evaluation: a review of literature. Engineering, Construction and Architectural Management, 2019, 26, 2084-2106.	1.8	67
106	Collaborative procurement and private-sector housebuilding and refurbishment works. International Journal of Building Pathology and Adaptation, 2019, 37, 699-717.	0.7	1
107	A conceptual framework for utilising BIM digital objects (BDO) in manufacturing design and production. Journal of Engineering, Design and Technology, 2019, 17, 960-984.	1.1	18
108	Dynamics of Group Lending Mechanism and the Role of Group Leaders in Developing Countries. International Journal of Customer Relationship Marketing and Management, 2019, 10, 54-71.	0.2	8

#	Article	IF	Citations
109	Collaboration barriers in BIM-based construction networks: A conceptual model. International Journal of Project Management, 2019, 37, 839-854.	2.7	150
110	Cyber threats confronting the digital built environment. Engineering, Construction and Architectural Management, 2019, 26, 245-266.	1.8	106
111	Risk of excavators overturning. Engineering, Construction and Architectural Management, 2019, 26, 479-498.	1.8	33
112	End-user engagement: The missing link of sustainability transition for Australian residential buildings. Journal of Cleaner Production, 2019, 224, 697-708.	4.6	29
113	Barriers to adoption of RPAs on construction projects: a task–technology fit perspective. Construction Innovation, 2019, 19, 149-169.	1.5	37
114	Scientometric analysis of research on "remotely piloted aircraft". Engineering, Construction and Architectural Management, 2019, 27, 634-657.	1.8	16
115	Mega event management of formula one grand prix: an analysis of literature. Facilities, 2019, 37, 1166-1184.	0.8	26
116	An investigation into the construction industry's view on fire prevention in high-rise buildings post Grenfell. International Journal of Building Pathology and Adaptation, 2019, 38, 451-471.	0.7	8
117	An assessment of mortgage loan default propensity in Ghana. Journal of Engineering, Design and Technology, 2019, , .	1.1	3
118	Contractors' perceptions of the effects of cash flow on construction projects. Journal of Engineering, Design and Technology, 2019, 18, 308-325.	1.1	19
119	Housing attributes and relative house prices in Ghana. International Journal of Building Pathology and Adaptation, 2019, 37, 733-746.	0.7	9
120	Short run causal relationship between foreign direct investment (FDI) and infrastructure development. Journal of Engineering, Design and Technology, 2019, 17, 1202-1221.	1.1	8
121	A Principal-Agent Theory Perspective on PPP Risk Allocation. Sustainability, 2019, 11, 6455.	1.6	32
122	Barriers inhibiting the transition to sustainability within the Australian construction industry: An investigation of technical and social interactions. Journal of Cleaner Production, 2019, 211, 281-292.	4.6	75
123	An assessment of the level of emotional intelligence attributes of undergraduate built environment students in developing countries. Industry and Higher Education, 2019, 33, 108-115.	1.4	1
124	Review of application of analytic hierarchy process (AHP) in construction. International Journal of Construction Management, 2019, 19, 436-452.	2.2	249
125	Digitalising asset management: concomitant benefits and persistent challenges. International Journal of Building Pathology and Adaptation, 2018, 36, 152-173.	0.7	50
126	The knowledge enablers of knowledge transfer: a study in the construction industries in Ghana. Journal of Engineering, Design and Technology, 2018, 16, 194-210.	1.1	19

#	Article	IF	Citations
127	A computational design method for bio-mimicked horizontal axis tidal turbines. International Journal of Building Pathology and Adaptation, 2018, 36, 188-209.	0.7	0
128	Critical success factors for implementing building information modelling (BIM): A longitudinal review. Automation in Construction, 2018, 91, 100-110.	4.8	136
129	Building design for people with dementia: a case study of a UK care home. Facilities, 2018, 36, 349-368.	0.8	47
130	Origins and probabilities of MEP and structural design clashes within a federated BIM model. Automation in Construction, 2018, 85, 209-219.	4.8	54
131	An empirical examination of moral hazards and adverse selection on PPP projects. Journal of Engineering, Design and Technology, 2018, 16, 910-924.	1.1	26
132	Power Infrastructure Sector Reforms, Power Generation, and Private Investments: Case Study from Ghana's Power Sector. Journal of Infrastructure Systems, 2018, 24, .	1.0	5
133	Roadmap to Mature BIM Use in Australian SMEs: Competitive Dynamics Perspective. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	43
134	Causal relationships of moral hazard and adverse selection of Ghanaian Public-Private-Partnership (PPP) construction projects. Journal of Engineering, Design and Technology, 2018, 16, 439-460.	1.1	20
135	Vision and advocacy of optoelectronic technology developments in the AECO sector. Built Environment Project and Asset Management, 2017, 7, 330-348.	0.9	16
136	Conceptualising the FinDD API plug-in: A study of BIM-FM integration. Automation in Construction, 2017, 80, 11-21.	4.8	98
137	The building information modelling trajectory in facilities management: A review. Automation in Construction, 2017, 75, 45-55.	4.8	277
138	BIM and sensor-based data management system for construction safety monitoring. Journal of Engineering, Design and Technology, 2017, 15, 738-753.	1.1	48
139	Corrupt Practices in the Construction Industry: Survey of Ghanaian Experience. Journal of Management in Engineering - ASCE, 2017, 33, .	2.6	73
140	Brexit: measuring the impact upon skilled labour in the UK construction industry. International Journal of Building Pathology and Adaptation, 2017, 35, 264-279.	0.7	19
141	A Fuzzy-Based Evaluation of Financial Risks in Build–Own–Operate–Transfer Water Supply Projects. Journal of Infrastructure Systems, 2017, 23, .	1.0	17
142	Effects of different weights and lifting postures on balance control following repetitive lifting tasks in construction workers. International Journal of Building Pathology and Adaptation, 2017, 35, 247-263.	0.7	16
143	Rework in Urban Renewal Projects in Colombia. Journal of Infrastructure Systems, 2017, 23, .	1.0	10
144	Research note: Machinery, manumission, and economic machinations. Journal of Business Research, 2017, 70, 391-394.	5.8	62

#	Article	IF	Citations
145	A case study of machinery maintenance protocols and procedures within the UK utilities sector. Accident Analysis and Prevention, 2016, 93, 319-329.	3.0	10
146	Rework Causation: Emergent Theoretical Insights and Implications for Research. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	65
147	Analysis of US commercial buildings' energy efficiency programs. Built Environment Project and Asset Management, 2015, 5, 349-362.	0.9	3
148	Forecasting Private-Sector Construction Works: VAR Model Using Economic Indicators. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	2.0	21
149	A Theoretical Examination of SMEs Internationalisation in a Globalised Business Environment. International Journal of Customer Relationship Marketing and Management, 2015, 6, 1-29.	0.2	9
150	Customer Relationship Management (CRM) Practices by Small Businesses in Developing Economies. , 2015, , 1153-1172.		0
151	Personality and Occupational Accidents: Bar Benders in Guangdong Province, Shenzhen, China. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	20
152	Antecedents of Health and Safety Issues Relating to Plant Trailer Wheels. Journal of Construction Engineering and Management - ASCE, 2014, 140, 04014027.	2.0	2
153	Analysis of United Kingdom Off-Highway Construction Machinery Market and Its Consumers Using New-Sales Data. Journal of Construction Engineering and Management - ASCE, 2013, 139, 529-537.	2.0	20
154	Curbing rework in offshore projects: systemic classification of risks with dialogue and narratives. Structure and Infrastructure Engineering, 2013, 9, 1118-1135.	2.0	21
155	Systemic life cycle design error reduction model for construction and engineering projects. Structure and Infrastructure Engineering, 2013, 9, 689-701.	2.0	11
156	Reviewing the past to learn in the future: making sense of design errors and failures in construction. Structure and Infrastructure Engineering, 2013, 9, 675-688.	2.0	39
157	Customer Relationship Management (CRM) Practices by Small Businesses in Developing Economies. International Journal of Customer Relationship Marketing and Management, 2013, 4, 1-20.	0.2	20
158	Achieving the Green Building Council of Australia's World Leadership Rating in an Office Building in Perth. Journal of Construction Engineering and Management - ASCE, 2012, 138, 652-660.	2.0	104
159	Exploration of management practices for LEED projects. Structural Survey, 2012, 30, 145-162.	1.0	38
160	Moving Beyond Optimism Bias and Strategic Misrepresentation: An Explanation for Social Infrastructure Project Cost Overruns. IEEE Transactions on Engineering Management, 2012, 59, 560-571.	2.4	92
161	Design error reduction: toward the effective utilization of building information modeling. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2011, 22, 173-187.	1.2	94
162	Risk/Reward Compensation Model for Civil Engineering Infrastructure Alliance Projects. Journal of Construction Engineering and Management - ASCE, 2011, 137, 127-136.	2.0	136

#	ARTICLE	IF	CITATIONS
163	Loosening the Gordian knot: the role of emotional intelligence in construction. Engineering, Construction and Architectural Management, 2011, 18, 50-65.	1.8	45
164	Data flow analysis of plant and equipment health and safety management. Journal of Engineering, Design and Technology, 2011, 9, 178-203.	1.1	8
165	Mini-Excavator Safety: Toward Innovative Stability Testing, Procurement, and Manufacture. Journal of Construction Engineering and Management - ASCE, 2011, 137, 1125-1133.	2.0	16
166	The case for â€œ3D triangulationâ€•when applied to construction management research. Construction Innovation, 2010, 10, 25-41.	1.5	32
167	Costâ€effective risk assessment of handâ€arm vibration exposure. Journal of Financial Management of Property and Construction, 2010, 15, 158-175.	0.9	6
168	Design Error Classification, Causation, and Prevention in Construction Engineering. Journal of Performance of Constructed Facilities, 2010, 24, 399-408.	1.0	108
169	Work Stress, Support, and Mental Health in Construction. Journal of Construction Engineering and Management - ASCE, 2010, 136, 650-658.	2.0	140
170	Rework in Civil Infrastructure Projects: Determination of Cost Predictors. Journal of Construction Engineering and Management - ASCE, 2010, 136, 275-282.	2.0	118
171	New stability field tests for construction excavators. Engineering, Construction and Architectural Management, 2009, 16, 337-352.	1.8	8
172	Divergence or Congruence? A Path Model of Rework for Building and Civil Engineering Projects. Journal of Performance of Constructed Facilities, 2009, 23, 480-488.	1.0	70
173	Beyond the Red Queen syndrome: CRM technology and building material suppliers. Engineering, Construction and Architectural Management, 2009, 16, 459-474.	1.8	19
174	Variation between manufacturersâ€™ declared vibration emission values and those measured under simulated workplace conditions for a range of hand-held power tools typically found in the construction industry. International Journal of Industrial Ergonomics, 2008, 38, 661-675.	1.5	22
175	Forensic Project Management: An Exploratory Examination of the Causal Behavior of Design-Induced Rework. IEEE Transactions on Engineering Management, 2008, 55, 234-247.	2.4	95
176	Health and safety issues relating to construction excavators and their attachments. Engineering, Construction and Architectural Management, 2008, 15, 321-335.	1.8	15
177	Perceptions of workplace vibration hazards among a small sample of UK construction professionals. Engineering, Construction and Architectural Management, 2007, 14, 261-276.	1.8	9
178	Construction hand tools: vibration emissions from alternative inserts. Building Research and Information, 2007, 35, 329-342.	2.0	7
179	SightSafety: A hybrid information and communication technology system for reducing vehicle/pedestrian collisions. Automation in Construction, 2006, 15, 719-728.	4.8	80
180	Handâ€arm vibration exposure from construction tools: results of a field study. Construction Management and Economics, 2006, 24, 209-217.	1.8	44

#	Article	IF	Citations
181	Exposure to hand–arm vibration: implications of new statutory requirements. Building Research and Information, 2005, 33, 257-266.	2.0	12
182	Contract Documentation and the Incidence of Rework in Projects. Architectural Engineering and Design Management, 2005, 1, 247-259.	1.2	41
183	Calculating total rework costs in Australian construction projects. Civil Engineering and Environmental Systems, 2005, 22, 11-27.	0.4	31
184	Measuring the impact of daily workload upon plant operator production performance using Artificial Neural Networks. Civil Engineering and Environmental Systems, 2004, 21, 279-293.	0.4	15
185	Forensic project management: The underlying causes of rework in construction projects. Civil Engineering and Environmental Systems, 2004, 21, 207-228.	0.4	103
186	A Rework Reduction Model for Construction Projects. IEEE Transactions on Engineering Management, 2004, 51, 426-440.	2.4	109
187	The UK building education recruitment crisis: a call for action. Construction Management and Economics, 2003, 21, 767-775.	1.8	21
188	A model to evaluate materials suppliers' and contractors' business interactions. Construction Management and Economics, 2003, 21, 237-245.	1.8	3
189	Maintenance skills training of UK construction plant operatives: a pilot survey. Structural Survey, 2002, 20, 22-30.	1.0	14
190	Predicting downtime costs of tracked hydraulic excavators operating in the UK opencast mining industry. Construction Management and Economics, 2002, 20, 581-591.	1.8	22
191	The state of health and safety in the UK construction industry with a focus on plant operators. Structural Survey, 2002, 20, 78-87.	1.0	30
192	Forecasting UK construction plant sales. Engineering, Construction and Architectural Management, 2001, 8, 171-176.	1.8	6
193	A comparative analysis between the multilayer perceptron â€œneural networkâ€•and multiple regression analysis for predicting construction plant maintenance costs. Journal of Quality in Maintenance Engineering, 2000, 6, 45-61.	1.0	35
194	Predictive maintenance techniques and their relevance to construction plant. Journal of Quality in Maintenance Engineering, 1998, 4, 25-37.	1.0	81
195	Modeling relationship between success factors (policies) and critical success criteria (goals) for sustainable housing in developing countries. International Journal of Construction Management, 0, , 1-11.	2.2	0
196	Toward an Integrated Context-Based Design Approach for Dementia Residential Care Homes: A Review of Key Operational Design Problems. Herd, 0, , 193758672211002.	0.9	0