

David Arditì

List of Publications by Year in descending order

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155
papers

6,163
citations

46918

47
h-index

91712

69
g-index

156
all docs

156
docs citations

156
times ranked

3067
citing authors

#	ARTICLE	IF	CITATIONS
1	Total quality management in the construction process. International Journal of Project Management, 1997, 15, 235-243.	2.7	226
2	Factors Affecting International Construction. Journal of Construction Engineering and Management - ASCE, 2005, 131, 273-282.	2.0	171
3	Issues in Subcontracting Practice. Journal of Construction Engineering and Management - ASCE, 2005, 131, 866-876.	2.0	140
4	Construction safety personnel's perceptions of safety training practices. International Journal of Project Management, 2015, 33, 1160-1169.	2.7	139
5	Reasons for delays in public projects in Turkey. Construction Management and Economics, 1985, 3, 171-181.	1.8	133
6	Selecting a delay analysis method in resolving construction claims. International Journal of Project Management, 2006, 24, 145-155.	2.7	128
7	Line-of-Balance Scheduling in Pavement Construction. Journal of Construction Engineering and Management - ASCE, 1986, 112, 411-424.	2.0	114
8	Automated progress control using laser scanning technology. Automation in Construction, 2013, 36, 108-116.	4.8	114
9	Assessing contractor quality performance. Construction Management and Economics, 2002, 20, 211-223.	1.8	112
10	Comparison of Case-Based Reasoning and Artificial Neural Networks. Journal of Computing in Civil Engineering, 1999, 13, 162-169.	2.5	102
11	Challenges in Line-of-Balance Scheduling. Journal of Construction Engineering and Management - ASCE, 2002, 128, 545-556.	2.0	99
12	Determining Attribute Weights in a CBR Model for Early Cost Prediction of Structural Systems. Journal of Construction Engineering and Management - ASCE, 2006, 132, 1092-1098.	2.0	97
13	Effect of organizational culture on delay in construction. International Journal of Project Management, 2017, 35, 136-147.	2.7	94
14	Innovation in Construction Equipment and Its Flow into the Construction Industry. Journal of Construction Engineering and Management - ASCE, 1997, 123, 371-378.	2.0	93
15	Use of information and communication technologies by small and medium-sized enterprises (SMEs) in building construction. Construction Management and Economics, 2005, 23, 713-722.	1.8	90
16	Implications of Culture in the Performance of International Construction Joint Ventures. Journal of Construction Engineering and Management - ASCE, 2008, 134, 361-370.	2.0	89
17	Effect of host country and project conditions in international construction joint ventures. International Journal of Project Management, 2007, 25, 799-806.	2.7	87
18	Business failures in the construction industry. Engineering, Construction and Architectural Management, 2000, 7, 120-132.	1.8	84

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19	Performance of International Joint Ventures in Construction. Journal of Management in Engineering - ASCE, 2010, 26, 209-222.	2.6	83
20	Factors That Affect Transaction Costs in Construction Projects. Journal of Construction Engineering and Management - ASCE, 2013, 139, 60-68.	2.0	83
21	Business Failures: Liabilities of Newness, Adolescence, and Smallness. Journal of Construction Engineering and Management - ASCE, 1998, 124, 458-464.	2.0	82
22	Constructability Analysis in the Design Firm. Journal of Construction Engineering and Management - ASCE, 2002, 128, 117-126.	2.0	81
23	Predicting the Outcome of Construction Litigation Using Neural Networks. Computer-Aided Civil and Infrastructure Engineering, 1998, 13, 75-81.	6.3	78
24	Effect of learning on line-of-balance scheduling. International Journal of Project Management, 2001, 19, 265-277.	2.7	78
25	The effectiveness of an integrated BIM/UAV model in managing safety on construction sites. International Journal of Occupational Safety and Ergonomics, 2020, 26, 829-844.	1.1	77
26	Predicting the Outcome of Construction Litigation Using Boosted Decision Trees. Journal of Computing in Civil Engineering, 2005, 19, 387-393.	2.5	75
27	Factors That Affect Process Quality in the Life Cycle of Building Projects. Journal of Construction Engineering and Management - ASCE, 1998, 124, 194-203.	2.0	74
28	Designing Buildings for Maintenance: Designers' Perspective. Journal of Architectural Engineering, 1999, 5, 107-116.	0.8	72
29	Competitive Positioning in United States Construction Industry. Journal of Construction Engineering and Management - ASCE, 2002, 128, 238-247.	2.0	72
30	Fatal accidents in nighttime vs. daytime highway construction work zones. Journal of Safety Research, 2007, 38, 399-405.	1.7	72
31	International Expansion Decision for Construction Companies. Journal of Construction Engineering and Management - ASCE, 2005, 131, 928-937.	2.0	70
32	Using Decision Trees for Determining Attribute Weights in a Case-Based Model of Early Cost Prediction. Journal of Construction Engineering and Management - ASCE, 2008, 134, 146-152.	2.0	70
33	PHOTO-NET II: a computer-based monitoring system applied to project management. Automation in Construction, 2003, 12, 603-616.	4.8	66
34	Estimating the Future Condition of Highway Bridge Components Using National Bridge Inventory Data. Practice Periodical on Structural Design and Construction, 2004, 9, 16-25.	0.7	66
35	Impact of corporate strengths/weaknesses on project management competencies. International Journal of Project Management, 2009, 27, 629-637.	2.7	65
36	Construction Scheduling and Progress Control Using Geographical Information Systems. Journal of Computing in Civil Engineering, 2006, 20, 351-360.	2.5	62

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37	Innovation Diffusion Modeling in the Construction Industry. Journal of Construction Engineering and Management - ASCE, 2010, 136, 329-340.	2.0	61
38	Construction Delay Computation Method. Journal of Construction Engineering and Management - ASCE, 2001, 127, 60-65.	2.0	60
39	Construction Productivity Improvement. Journal of Construction Engineering and Management - ASCE, 1985, 111, 1-14.	2.0	58
40	General contractors' relationships with subcontractors: A strategic asset. Construction Management and Economics, 2001, 19, 541-549.	1.8	58
41	Incentive/Disincentive Contracts: Perceptions of Owners and Contractors. Journal of Construction Engineering and Management - ASCE, 1998, 124, 361-373.	2.0	57
42	Automated Statistical Analysis in Stochastic Project Scheduling Simulation. Journal of Construction Engineering and Management - ASCE, 2006, 132, 268-277.	2.0	56
43	Assessing Coordination Performance Based on Centrality in an E-mail Communication Network. Journal of Management in Engineering - ASCE, 2015, 31, .	2.6	56
44	The JIT materials management system in developing countries. Construction Management and Economics, 2005, 23, 697-712.	1.8	55
45	Assessing the corporate service quality performance of design-build contractors using quality function deployment. Construction Management and Economics, 2003, 21, 175-185.	1.8	53
46	Build-Operate-Transfer in Infrastructure Projects in the United States. Journal of Construction Engineering and Management - ASCE, 2007, 133, 728-735.	2.0	53
47	Effect of Partner Fit in International Construction Joint Ventures. Journal of Management in Engineering - ASCE, 2008, 24, 12-20.	2.6	53
48	Impact of Resources and Strategies on Construction Company Performance. Journal of Management in Engineering - ASCE, 2010, 26, 9-18.	2.6	50
49	An Advanced Stochastic Time-Cost Tradeoff Analysis Based on a CPM-Guided Genetic Algorithm. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 824-842.	6.3	48
50	Predicting the Outcome of Construction Litigation Using an Integrated Artificial Intelligence Model. Journal of Computing in Civil Engineering, 2010, 24, 73-80.	2.5	46
51	Managerial competencies of female and male managers in the Swedish construction industry. Construction Management and Economics, 2013, 31, 979-990.	1.8	46
52	Incentive/Disincentive Provisions in Highway Contracts. Journal of Construction Engineering and Management - ASCE, 1997, 123, 302-307.	2.0	45
53	Detection and prevention of unbalanced bids. Construction Management and Economics, 2009, 27, 721-732.	1.8	44
54	Toward a Multidimensional Performance Measure for International Joint Ventures in Construction. Journal of Construction Engineering and Management - ASCE, 2011, 137, 403-411.	2.0	44

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55	Detection of Collusive Behavior. Journal of Construction Engineering and Management - ASCE, 2012, 138, 1251-1258.	2.0	43
56	Resource Leveling in Line-of-Balance Scheduling. Computer-Aided Civil and Infrastructure Engineering, 2013, 28, 679-692.	6.3	43
57	Predicting the risk of contractor default in Saudi Arabia utilizing artificial neural network (ANN) and genetic algorithm (GA) techniques. Construction Management and Economics, 2005, 23, 423-430.	1.8	42
58	Differentiation, Conformity, and Construction Firm Performance. Journal of Management in Engineering - ASCE, 2003, 19, 52-59.	2.6	40
59	Optimizing Financing Cost in Construction Projects with Fixed Project Duration. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	40
60	Perceptions of Process Quality in Building Projects. Journal of Management in Engineering - ASCE, 1999, 15, 43-53.	2.6	39
61	Predicting Construction Company Decline. Journal of Construction Engineering and Management - ASCE, 2004, 130, 799-807.	2.0	39
62	Transaction-related issues and construction project performance. Construction Management and Economics, 2012, 30, 151-164.	1.8	39
63	Avoiding Change Orders in Public School Construction. Journal of Professional Issues in Engineering Education and Practice, 2007, 133, 67-73.	0.9	38
64	Using Colors to Detect Structural Components in Digital Pictures. Computer-Aided Civil and Infrastructure Engineering, 2002, 17, 61-67.	6.3	36
65	Scheduling system for high rise building construction. Construction Management and Economics, 2002, 20, 353-364.	1.8	35
66	Analysis of collusive bidding behaviour. Construction Management and Economics, 2012, 30, 221-231.	1.8	35
67	DETERMINANTS OF TRANSACTION COSTS IN CONSTRUCTION PROJECTS. Journal of Civil Engineering and Management, 2015, 21, 548-558.	1.9	35
68	Budgeting Owner's Construction Contingency. Journal of Construction Engineering and Management - ASCE, 2007, 133, 492-497.	2.0	34
69	Analysis Methods in Time-Based Claims. Journal of Construction Engineering and Management - ASCE, 2008, 134, 242-252.	2.0	34
70	Integrated Simulation System for Construction Operation and Project Scheduling. Journal of Computing in Civil Engineering, 2010, 24, 557-569.	2.5	34
71	Applicability of LEED's energy and atmosphere category in three developing countries. Energy and Buildings, 2014, 84, 690-697.	3.1	34
72	Adoption of BIM in architectural design firms. Architectural Science Review, 2017, 60, 483-492.	1.1	34

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73	Diffusion of Computer Aided Design Technology in Architectural Design Practice. Journal of Construction Engineering and Management - ASCE, 2005, 131, 1135-1141.	2.0	33
74	Multiresource Leveling in Line-of-Balance Scheduling. Journal of Construction Engineering and Management - ASCE, 2013, 139, 1108-1116.	2.0	33
75	Assessing the smartness of buildings. Facilities, 2015, 33, 553-572.	0.8	32
76	Time-cost tradeoff analysis with minimized project financing cost. Automation in Construction, 2019, 98, 110-121.	4.8	32
77	Diffusion of ISO 9000 certification in the precast concrete industry. Construction Management and Economics, 2006, 24, 485-495.	1.8	31
78	Simulation-Based Decision Support System for Economical Supply Chain Management of Rebar. Journal of Construction Engineering and Management - ASCE, 2007, 133, 29-39.	2.0	31
79	ALISS: Advanced Linear Scheduling System. Construction Management and Economics, 2006, 24, 1253-1267.	1.8	28
80	Managing Owner's Risk of Contractor Default. Journal of Construction Engineering and Management - ASCE, 2005, 131, 973-978.	2.0	27
81	An Expert System for Auditing Quality Management Systems in Construction. Computer-Aided Civil and Infrastructure Engineering, 2011, 26, 612-631.	6.3	27
82	Total Quality Performance of Design/Build Firms Using Quality Function Deployment. Journal of Construction Engineering and Management - ASCE, 2006, 132, 49-57.	2.0	26
83	Economics of on-site vs. off-site fabrication of rebar. Construction Management and Economics, 2006, 24, 1185-1198.	1.8	26
84	Concurrent Construction Scheduling Simulation Algorithm. Computer-Aided Civil and Infrastructure Engineering, 2014, 29, 449-463.	6.3	26
85	Managerial Competencies of Female and Male Construction Managers. Journal of Construction Engineering and Management - ASCE, 2009, 135, 1275-1278.	2.0	25
86	Linking Time-Lapse Digital Photography and Dynamic Scheduling of Construction Operations. Journal of Computing in Civil Engineering, 2002, 16, 269-279.	2.5	24
87	Service quality performance of design/build contractors using quality function deployment. Construction Management and Economics, 2004, 22, 123-127.	1.8	24
88	Assessment of Energy Credits in LEED-Certified Buildings Based on Certification Levels and Project Ownership. Buildings, 2018, 8, 29.	1.4	23
89	Role of Marketing Intelligence in Making Pricing Policy in Construction. Journal of Management in Engineering - ASCE, 2001, 17, 140-148.	2.6	22
90	Transaction costs incurred by construction owners. Engineering, Construction and Architectural Management, 2014, 21, 444-458.	1.8	22

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91	Desired points at minimum cost in the "Optimize Energy Performance" credit of leed certification. Journal of Civil Engineering and Management, 2017, 23, 796-805.	1.9	22
92	Impacts of different objective functions on resource leveling in Line-of-Balance scheduling. KSCE Journal of Civil Engineering, 2016, 20, 58-67.	0.9	21
93	Advanced Progress Control of Infrastructure Construction Projects Using Terrestrial Laser Scanning Technology. Infrastructures, 2020, 5, 83.	1.4	21
94	Factors Affecting U.S. Contractors' Performance Overseas. Journal of Construction Engineering and Management - ASCE, 1991, 117, 27-46.	2.0	20
95	Graduate Education in Construction Management. Journal of Professional Issues in Engineering Education and Practice, 2010, 136, 175-179.	0.9	20
96	Embodied Cost of Collusive Bidding: Evidence from China's Construction Industry. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	20
97	Marketing Practices of U.S. Contractors. Journal of Management in Engineering - ASCE, 2008, 24, 255-264.	2.6	19
98	Automated stochastic quality function deployment system for measuring the quality performance of design/build contractors. Automation in Construction, 2009, 18, 348-356.	4.8	19
99	Duties and Responsibilities of Construction Managers: Perceptions of Parties Involved in Construction. Journal of Construction Engineering and Management - ASCE, 2009, 135, 1370-1374.	2.0	18
100	Construction litigation prediction system using ant colony optimization. Construction Management and Economics, 2009, 27, 241-251.	1.8	18
101	Managing sustainability efforts in building design, construction, consulting, and facility management firms. Engineering, Construction and Architectural Management, 2017, 24, 1040-1050.	1.8	18
102	Universal Prediction Model for Construction Litigation. Journal of Computing in Civil Engineering, 2009, 23, 178-187.	2.5	16
103	The role of exogenous factors in the strategic performance of construction companies. Engineering, Construction and Architectural Management, 2010, 17, 119-134.	1.8	16
104	Performance of MBE/DBE/WBE Construction Firms in Transportation Projects. Journal of Construction Engineering and Management - ASCE, 2010, 136, 768-777.	2.0	16
105	Maximizing expected contractor profit using an integrated model. Engineering, Construction and Architectural Management, 2019, 26, 118-138.	1.8	16
106	Impact Analysis of Owner-Directed Acceleration. Journal of Construction Engineering and Management - ASCE, 1989, 115, 144-157.	2.0	15
107	Evaluating the Quality Performance of Pavement Contractors. Journal of Construction Engineering and Management - ASCE, 2012, 138, 1114-1124.	2.0	15
108	Energy and atmosphere standards for sustainable design and construction in different countries. Energy and Buildings, 2015, 90, 156-165.	3.1	15

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109	IMPACTS OF CONSTRUCTION RISKS ON COSTS IN LEED-CERTIFIED PROJECTS. Journal of Green Building, 2016, 11, 163-181.	0.4	15
110	The probability distribution of project completion times in simulation-based scheduling. KSCE Journal of Civil Engineering, 2013, 17, 638-645.	0.9	14
111	Graduate education in construction management. Construction Management and Economics, 1984, 2, 193-199.	1.8	13
112	Performance of US contractors in foreign markets. Construction Management and Economics, 1991, 9, 431-449.	1.8	13
113	Worker safety issues in nighttime highway construction. Engineering, Construction and Architectural Management, 2005, 12, 487-501.	1.8	13
114	Review of the LEED Category in Materials and Resources for Developing Countries. Procedia Engineering, 2015, 118, 1145-1152.	1.2	13
115	ESTIMATING THE PROFITABILITY OF HYDROPOWER INVESTMENTS WITH A CASE STUDY FROM TURKEY. Journal of Civil Engineering and Management, 2017, 23, 1002-1012.	1.9	13
116	Performance of minority firms providing construction management services in the US transportation sector. Construction Management and Economics, 2010, 28, 839-851.	1.8	12
117	Stochastic Project Financing Analysis System for Construction. Journal of Construction Engineering and Management - ASCE, 2012, 138, 376-389.	2.0	12
118	Scheduling system for repetitive unit construction using line-of-balance technology. Engineering, Construction and Architectural Management, 2001, 8, 90-103.	1.8	11
119	Impact of contractor's optimized financing cost on project bid price. International Journal of Project Management, 2018, 36, 808-818.	2.7	11
120	Delay analysis in construction projects with no updated work schedules. Engineering, Construction and Architectural Management, 2020, 27, 2893-2909.	1.8	11
121	Productivity improvement in the Indonesian construction industry. Construction Management and Economics, 1996, 14, 13-24.	1.8	10
122	Evaluation of LEED Requirements for Site Properties in Developing Country-Specific Certification. Procedia Engineering, 2015, 118, 1169-1176.	1.2	9
123	Modeling information flow in the supply chain of structural steel components. Journal of Civil Engineering and Management, 2017, 23, 753-764.	1.9	9
124	Exploring the Barriers against Using Cryptocurrencies in Managing Construction Supply Chain Processes. Buildings, 2022, 12, 357.	1.4	9
125	Coupling Effects of Economic, Industrial, and Geographical Factors on Collusive Bidding Decisions. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	9
126	Effectiveness of Safety Vests in Nighttime Highway Construction. Journal of Transportation Engineering, 2004, 130, 725-732.	0.9	8

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127	Building Information Modeling (BIM) and the Construction Management Body of Knowledge. IFIP Advances in Information and Communication Technology, 2013, , 619-629.	0.5	8
128	Factors affecting success in network applications in a developing country. Construction Management and Economics, 1983, 1, 3-16.	1.8	7
129	Advanced Stochastic Schedule Simulation System. Civil Engineering and Environmental Systems, 2011, , 1-18.	0.4	6
130	Effects of the General Contractor's Governance Capabilities and Project Goals on the Organizational Arrangement of Subcontracting. IEEE Transactions on Engineering Management, 2023, 70, 1724-1737.	2.4	6
131	Critical Success Factors Of Partnering In The Building Design Process. Metu Journal of the Faculty of Architecture, 2015, 32, 61-78.	0.1	6
132	The Factors Affecting Collaborative Building Design. Procedia Engineering, 2016, 161, 797-803.	1.2	5
133	Estimating system selection expert. Construction Management and Economics, 1991, 9, 369-381.	1.8	4
134	Civil engineersâ€™ personal values/demographics linkage in project team building. Engineering, Construction and Architectural Management, 2017, 24, 1337-1349.	1.8	4
135	Trends in Expectations about Duties and Responsibilities of Construction Managers. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	4
136	Academia and Industry Perceptions of Construction Planning and Scheduling Education. Journal of Civil Engineering Education, 2022, 148, .	0.8	4
137	Closure to "Constructability Analysis in the Design Firm" by David Arditi, Ahmed Elhassan, and Y. Cengiz Toklu. Journal of Construction Engineering and Management - ASCE, 2004, 130, 302-304.	2.0	3
138	Factors That Affect the Level of Success of the Transaction between Home Buyers and Developers in Sell-Build Residential Projects. Buildings, 2021, 11, 127.	1.4	3
139	Comparison of Heuristic Priority Rules in the Solution of the Resource-Constrained Project Scheduling Problem. Sustainability, 2021, 13, 9956.	1.6	3
140	General contractorsâ€™ relationships with subcontractors: A strategic asset. Construction Management and Economics, 2001, 19, 541-549.	1.8	3
141	Priority ranking of highway improvement projects. Construction Management and Economics, 1984, 2, 49-55.	1.8	2
142	Railway Route Rationalization: a Valuation Model. Journal of Transportation Engineering, 1985, 111, 105-113.	0.9	2
143	Integrated System for Managing Owner-Directed Project Acceleration. Journal of Construction Engineering and Management - ASCE, 1994, 120, 77-95.	2.0	2
144	Deterioration of reconstructed bridge decks. Structure and Infrastructure Engineering, 2006, 2, 23-31.	2.0	2

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145	Optimum rehabilitation schedule of steel highway bridges. Structure and Infrastructure Engineering, 2006, 2, 141-152.	2.0	2
146	MOBILE APPLICATIONS FOR THE CONSTRUCTION INDUSTRY. Proceedings of International Structural Engineering and Construction, 2016, 3, .	0.1	2
147	Predicting Employer and Worker Responsibilities in Accidents That Involve Falls in Building Construction Sites. Buildings, 2022, 12, 464.	1.4	2
148	Computerized Time Impact Analysis for Project Acceleration. Computer-Aided Civil and Infrastructure Engineering, 1995, 10, 131-146.	6.3	1
149	Teaming/timing sequences in hotel development projects. Construction Management and Economics, 2013, 31, 369-385.	1.8	1
150	NEGOTIATING THE SELLING PRICE OF HYDROPOWER ENERGY USING MULTI-AGENT SYSTEMS IN BOT. Journal of Civil Engineering and Management, 2019, 25, 441-450.	1.9	1
151	Motivation of civil engineers and architects in Turkey. Organization, Technology and Management in Construction, 2020, 12, 2044-2052.	0.5	1
152	Closure to "Impact Analysis of Owner-Directed Acceleration" by David Arditi and Bhupendra K. Patel (March, 1989, Vol. 115, No. 1). Journal of Construction Engineering and Management - ASCE, 1991, 117, 794-795.	2.0	0
153	Closure to "Construction Scheduling and Progress Control Using Geographical Information Systems" by Stephen E. Poku and David Arditi. Journal of Computing in Civil Engineering, 2007, 21, 478-479.	2.5	0
154	"Yaat Sektöründe Mesleki Eitim Performans Göstergeleri. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 0, , .	0.5	0
155	Turkish building construction contracts vs. FIDIC contracts. Journal of Construction Engineering Management & Innovation, 2022, 5, 107-118.	0.6	0