

M Talat Birgonul

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3179768/publications.pdf>

Version: 2024-02-01

77
papers

2,969
citations

159358
30
h-index

174990
52
g-index

77
all docs

77
docs citations

77
times ranked

1634
citing authors

#	ARTICLE	IF	CITATIONS
1	Using fuzzy risk assessment to rate cost overrun risk in international construction projects. International Journal of Project Management, 2007, 25, 494-505.	2.7	290
2	Identification of Risk Paths in International Construction Projects Using Structural Equation Modeling. Journal of Construction Engineering and Management - ASCE, 2011, 137, 1164-1175.	2.0	156
3	Capturing Knowledge in Construction Projects: Knowledge Platform for Contractors. Journal of Management in Engineering - ASCE, 2008, 24, 87-95.	2.6	120
4	Comparing the performance of traditional cluster analysis, self-organizing maps and fuzzy C-means method for strategic grouping. Expert Systems With Applications, 2009, 36, 11772-11781.	4.4	109
5	Ontology for Relating Risk and Vulnerability to Cost Overrun in International Projects. Journal of Computing in Civil Engineering, 2011, 25, 302-315.	2.5	100
6	Improving sub-contractor selection process in construction projects: Web-based sub-contractor evaluation system (WEBSES). Automation in Construction, 2008, 17, 480-488.	4.8	94
7	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
8	A knowledge-based risk mapping tool for cost estimation of international construction projects. Automation in Construction, 2014, 43, 144-155.	4.8	88
9	Effect of host country and project conditions in international construction joint ventures. International Journal of Project Management, 2007, 25, 799-806.	2.7	87
10	A case-based decision support tool for bid mark-up estimation of international construction projects. Automation in Construction, 2007, 17, 30-44.	4.8	83
11	Performance of International Joint Ventures in Construction. Journal of Management in Engineering - ASCE, 2010, 26, 209-222.	2.6	83
12	A decision support framework for project sponsors in the planning stage of build-operate-transfer (BOT) projects. Construction Management and Economics, 2000, 18, 343-353.	1.8	78
13	Risk assessment of international construction projects using the analytic network process. Canadian Journal of Civil Engineering, 2009, 36, 1170-1181.	0.7	76
14	An analytic hierarchy process based model for risk and opportunity assessment of international construction projects. Canadian Journal of Civil Engineering, 2006, 33, 58-68.	0.7	73
15	Impact of corporate strengths/weaknesses on project management competencies. International Journal of Project Management, 2009, 27, 629-637.	2.7	65
16	Neural Network Model to Support International Market Entry Decisions. Journal of Construction Engineering and Management - ASCE, 2004, 130, 59-66.	2.0	62
17	Prediction of Organizational Effectiveness in Construction Companies. Journal of Construction Engineering and Management - ASCE, 2005, 131, 252-261.	2.0	61
18	Case-Based Reasoning Model for International Market Selection. Journal of Construction Engineering and Management - ASCE, 2006, 132, 940-948.	2.0	56

#	ARTICLE	IF	CITATIONS
19	Effect of Partner Fit in International Construction Joint Ventures. Journal of Management in Engineering - ASCE, 2008, 24, 12-20.	2.6	53
20	Impact of Resources and Strategies on Construction Company Performance. Journal of Management in Engineering - ASCE, 2010, 26, 9-18.	2.6	50
21	Using analytic network process to assess business failure risks of construction firms. Engineering, Construction and Architectural Management, 2010, 17, 369-386.	1.8	49
22	Quantitative Methodology for Determination of Cost Contingency in International Projects. Journal of Management in Engineering - ASCE, 2007, 23, 35-39.	2.6	47
23	Using Analytic Network Process to Predict the Performance of International Construction Joint Ventures. Journal of Management in Engineering - ASCE, 2007, 23, 156-163.	2.6	45
24	Cost-based analysis of quality in developing countries: a case study of building projects. Building and Environment, 2005, 40, 1356-1365.	3.0	44
25	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
26	E-bidding proposal preparation system for construction projects. Building and Environment, 2006, 41, 1406-1413.	3.0	41
27	Fuzzy Structural Equation Model to Assess Construction Site Safety Performance. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	41
28	Strategic Perspective of Turkish Construction Companies. Journal of Management in Engineering - ASCE, 2003, 19, 33-40.	2.6	36
29	Strategic Group Analysis in the Construction Industry. Journal of Construction Engineering and Management - ASCE, 2009, 135, 288-297.	2.0	36
30	Impact of national culture on knowledge sharing in international construction projects. Canadian Journal of Civil Engineering, 2014, 41, 642-649.	0.7	35
31	Network analysis algorithm for the solution of discrete time-cost trade-off problem. KSCE Journal of Civil Engineering, 2017, 21, 1047-1058.	0.9	34
32	Integrated Framework to Investigate Value Innovations. Journal of Management in Engineering - ASCE, 2005, 21, 81-90.	2.6	32
33	Predicting the Occurrence of Construction Disputes Using Machine Learning Techniques. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	32
34	Organizational memory formation and its use in construction. Building Research and Information, 2005, 33, 67-79.	2.0	30
35	Effects of Risk Attitude and Controllability Assumption on Risk Ratings: Observational Study on International Construction Project Risk Assessment. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	30
36	Preventing claims in green construction projects through investigating the components of contractual and legal risks. Journal of Cleaner Production, 2016, 139, 1078-1084.	4.6	27

#	ARTICLE	IF	CITATIONS
37	An ontology-based approach for delay analysis in construction. KSCE Journal of Civil Engineering, 2018, 22, 384-398.	0.9	25
38	Project appraisal and selection using the analytic network process. Canadian Journal of Civil Engineering, 2007, 34, 786-792.	0.7	24
39	Social network analysis of construction companies operating in international markets: case of Turkish contractors. Journal of Civil Engineering and Management, 2016, 23, 327-337.	1.9	24
40	A lessons-learned tool for organizational learning in construction. Automation in Construction, 2020, 110, 102977.	4.8	24
41	A review of international construction research: Ranko Bon's contribution. Construction Management and Economics, 2006, 24, 725-733.	1.8	23
42	Exploring the Relationship between Complexity and Risk in Megaconstruction Projects. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	23
43	The evidence of poor quality in high rise and medium rise housing units: a case study of mass housing projects in Turkey. Building and Environment, 2005, 40, 1548-1556.	3.0	22
44	A Computerized Method for Delay Risk Assessment Based on Fuzzy Set Theory using MS Projectâ„¢. KSCE Journal of Civil Engineering, 2018, 22, 2714-2725.	0.9	21
45	Web-Based Risk Assessment Tool Using Integrated Durationâ„¢Cost Influence Network Model. Journal of Construction Engineering and Management - ASCE, 2012, 138, 1023-1034.	2.0	20
46	Mapping Uncertainty for Risk and Opportunity Assessment in Projects. EMJ - Engineering Management Journal, 2020, 32, 86-97.	1.4	20
47	Multiagent System to Simulate Risk-Allocation and Cost-Sharing Processes in Construction Projects. Journal of Computing in Civil Engineering, 2013, 27, 307-319.	2.5	19
48	Using Expert Opinion for Risk Assessment: A Case Study of a Construction Project Utilizing a Risk Mapping Tool. Procedia, Social and Behavioral Sciences, 2014, 119, 519-528.	0.5	19
49	Preparing Civil Engineers for International Collaboration in Construction Management. Journal of Professional Issues in Engineering Education and Practice, 2011, 137, 141-150.	0.9	18
50	Integrated Approach to Overcome Shortcomings in Current Delay Analysis Practices. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	2.0	18
51	Meta-Modeling of Complexity-Uncertainty-Performance Triad in Construction Projects. EMJ - Engineering Management Journal, 2021, 33, 30-44.	1.4	18
52	A Lessons Learned Database Structure for Construction Companies. Procedia Engineering, 2015, 123, 135-144.	1.2	15
53	An analytic network process model for risk quantification of mega construction projects. Expert Systems With Applications, 2022, 191, 116215.	4.4	15
54	Ontology Evaluation: An Example of Delay Analysis. Procedia Engineering, 2014, 85, 61-68.	1.2	13

#	ARTICLE	IF	CITATIONS
55	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
56	Determination of Quality Level in Mass Housing Projects in Turkey. Journal of Construction Engineering and Management - ASCE, 2005, 131, 195-202.	2.0	12
57	Handling project dependencies in portfolio management. Procedia Computer Science, 2017, 121, 356-363.	1.2	12
58	CAUSAL MAPPING TO EXPLORE EMERGENCE OF CONSTRUCTION DISPUTES. Journal of Civil Engineering and Management, 2021, 27, 288-302.	1.9	12
59	Investigation of drivers and modes of differentiation in Turkish construction industry. Engineering, Construction and Architectural Management, 2013, 20, 345-364.	1.8	11
60	Integrated Probabilistic Delay Analysis Method to Estimate Expected Outcome of Construction Delay Disputes. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2021, 13, .	0.9	10
61	ALIGNMENT OF PROJECT MANAGEMENT WITH BUSINESS STRATEGY IN CONSTRUCTION: EVIDENCE FROM THE TURKISH CONTRACTORS. Journal of Civil Engineering and Management, 2014, 21, 94-106.	1.9	9
62	Prioritization of interdependent uncertainties in projects. International Journal of Managing Projects in Business, 2020, 13, 913-935.	1.3	9
63	A decision-support tool for risk and complexity assessment and visualization in construction projects. Computers in Industry, 2022, 141, 103694.	5.7	9
64	Buffer Sizing Model Incorporating Fuzzy Risk Assessment: Case Study on Concrete Gravity Dam and Hydroelectric Power Plant Projects. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2018, 4, .	1.1	7
65	The role of organisational culture in construction company alliances. International Journal of Human Resources Development and Management, 2008, 8, 177.	0.0	5
66	Empirical Investigation of Organisational Learning Ability as a Performance Driver in Construction. , 2005, , 166-184.		5
67	Blockage assessment of buildings during emergency using multiple types of sensors. Automation in Construction, 2015, 49, 71-82.	4.8	4
68	Construction cost map of European countries. Engineering Economist, 2020, 65, 135-157.	0.3	4
69	Closure to "Using Analytic Network Process to Predict the Performance of International Construction Joint Ventures" by Beliz Ozorhon, Irem Dikmen, and M. Talat Birgonul. Journal of Management in Engineering - ASCE, 2009, 25, 101-103.	2.6	2
70	Clustering of host countries to facilitate learning between similar international construction markets. Engineering, Construction and Architectural Management, 2019, 27, 66-82.	1.8	2
71	Development of a knowledge-based tool for waste management of prefabricated steel structure projects. Journal of Cleaner Production, 2021, 323, 129140.	4.6	2
72	Best Value Procurement in Build Operate Transfer Projects: The Turkish Experience. , 0, , 363-378.		1

#	ARTICLE	IF	CITATIONS
73	A Construction Delay Analysis Approach Based on Lean Principles. , 0, , .		1
74	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
75	Empowering Risk Communication: Use of Visualizations to Describe Project Risks. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	1
76	Comparison of an Emerging Seat of Arbitration and Leading Arbitration Seats and Recommendations for Reform. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2018, 10, 04517023.	0.9	0
77	The impact of reverse knowledge transfer on competitiveness. , 2008, , 212-228.		0