Serdar Durdyev

List of Publications by Year
in descending order

63 papers	1,796 citations	257357 24 h-index	302012 39 g-index
63 all docs	63 docs citations	63 times ranked	942 citing authors

#	Article	IF	Citations
1	On-site Labour Productivity of New Zealand Construction Industry: Key Constraints and Improvement Measures. Construction Economics and Building, 2011, 11, 18-33.	0.5	125
2	A partial least squares structural equation modeling (PLS-SEM) of barriers to sustainable construction in Malaysia. Journal of Cleaner Production, 2018, 204, 564-572.	4.6	115
3	Sustainable Construction Industry in Cambodia: Awareness, Drivers and Barriers. Sustainability, 2018, 10, 392.	1.6	103
4	Structural Equation Model of the Factors Affecting Construction Labor Productivity. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	97
5	Causes of delays on construction projects: a comprehensive list. International Journal of Managing Projects in Business, 2019, 13, 20-46.	1.3	94
6	Causes of delay in residential construction projects in Cambodia. Cogent Engineering, 2017, 4, 1291117.	1.1	82
7	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
8	An assessment model of benefits, opportunities, costs, and risks of green roof installation: A multi criteria decision making approach. Journal of Cleaner Production, 2019, 238, 117956.	4.6	57
9	Key Factors Affecting Construction Safety Performance in Developing Countries: Evidence from Cambodia. Construction Economics and Building, 2017, 17, 48-65.	0.5	55
10	Barriers to the implementation of Building Information Modelling (BIM) for facility management. Journal of Building Engineering, 2022, 46, 103736.	1.6	54
11	Barriers to green roof installation: An integrated fuzzy-based MCDM approach. Journal of Cleaner Production, 2020, 269, 122365.	4.6	53
12	ASSESSING CONSTRUCTION LABOURSâ€™ SAFETY LEVEL: A FUZZY MCDM APPROACH. Journal of Civil Engineering and Management, 2020, 26, 175-188.	1.9	53
13	On-site construction productivity in Malaysian infrastructure projects. Structural Survey, 2016, 34, 446-462.	1.0	46
14	Construction professionalsâ€™ perspectives on drivers and barriers of sustainable construction. Environment, Development and Sustainability, 2020, 22, 4361-4378.	2.7	45
15	Offsite Manufacturing in the Construction Industry for Productivity Improvement. EMJ - Engineering Management Journal, 2019, 31, 35-46.	1.4	44
16	Key constraints to labour productivity in residential building projects: evidence from Cambodia. International Journal of Construction Management, 2018, 18, 385-393.	2.2	41
17	Safety Program Elements in the Construction Industry: The Case of Iraq. International Journal of Environmental Research and Public Health, 2021, 18, 411.	1.2	40
18	The construction client satisfaction model: a PLS-SEM approach. Journal of Civil Engineering and Management, 2018, 24, 31-42.	1.9	39

#	ARTICLE	IF	CITATIONS
19	A prototype decision support system for green roof type selection: A cybernetic fuzzy ANP method. Sustainable Cities and Society, 2019, 48, 101532.	5.1	38
20	Sustainable Supplier Selection in Construction Industry through Hybrid Fuzzy-Based Approaches. Sustainability, 2021, 13, 1413.	1.6	37
21	Influence of Artificial Intelligence in Civil Engineering toward Sustainable Developmentâ€"A Systematic Literature Review. Applied System Innovation, 2021, 4, 52.	2.7	37
22	BIM Adoption in the Cambodian Construction Industry: Key Drivers and Barriers. ISPRS International Journal of Geo-Information, 2021, 10, 215.	1.4	35
23	Barriers to the use of integrated project delivery (IPD): a quantified model for Malaysia. Engineering, Construction and Architectural Management, 2019, 27, 186-204.	1.8	34
24	Review of construction journals on causes of project cost overruns. Engineering, Construction and Architectural Management, 2021, 28, 1241-1260.	1.8	31
25	Main Factors Causing Delays in Large Construction Projects: Evidence from New Zealand. , 2017, , 63-82.		22
26	Impact of BIM-related factors affecting construction project performance. International Journal of Building Pathology and Adaptation, 2023, 41, 454-475.	0.7	21
27	What drives clients to purchase green building?: The cybernetic fuzzy analytic hierarchy process approach. Engineering, Construction and Architectural Management, 2022, 29, 4015-4039.	1.8	18
28	The build-operate-transfer model as an infrastructure privatisation strategy for Turkmenistan. Utilities Policy, 2017, 48, 195-200.	2.1	17
29	Assessment of Green Practices in Residential Buildings: A Survey-Based Empirical Study of Residents in Kazakhstan. Sustainability, 2018, 10, 4383.	1.6	17
30	Barriers to â€œgreen operationâ€•of commercial office buildings. Facilities, 2019, 37, 1048-1065.	0.8	17
31	Critical Success Factors of Safety Program Implementation in Construction Projects in Iraq. International Journal of Environmental Research and Public Health, 2021, 18, 8469.	1.2	17
32	Productivity and Service Quality: Factors Affecting in Service Industry. Procedia, Social and Behavioral Sciences, 2014, 109, 487-491.	0.5	15
33	Stakeholder based weights of new sustainability indicators providing pandemic resilience for residential buildings. Sustainable Cities and Society, 2021, 75, 103300.	5.1	15
34	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workersâ€™ perceptions. Building and Environment, 2022, 219, 109234.	3.0	15
35	Examining the OHS of green building construction projects: A hybrid fuzzy-based approach. Journal of Cleaner Production, 2022, 338, 130590.	4.6	14
36	Towards enhancement in reliability and safety of construction projects: developing a hybrid multi-dimensional fuzzy-based approach. Engineering, Construction and Architectural Management, 2023, 30, 2255-2279.	1.8	14

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37	Significant contributors to cost overruns in construction projects of Cambodia. Cogent Engineering, 2017, 4, 1383638.	1.1	13
38	PRODUCTIVITY AS A DETERMINANT OF LABOUR WAGE IN NEW ZEALAND'S CONSTRUCTION SECTOR. Technological and Economic Development of Economy, 2019, 25, 900-914.	2.3	13
39	Review of the Building Information Modelling (BIM) Implementation in the Context of Building Energy Assessment. Energies, 2021, 14, 8487.	1.6	13
40	Contractors' attitudes towards the factors affecting sustainability performance: Evidence from Palestine. Business Strategy and Development, 2019, 2, 173-179.	2.2	12
41	Contributions of safety critical success factors and safety program elements to overall project success. International Journal of Occupational Safety and Ergonomics, 2023, 29, 129-140.	1.1	11
42	Multi-criteria analysis of barriers to building information modeling (BIM) adoption for SMEs in NewÂZealand construction industry. Engineering, Construction and Architectural Management, 2023, 30, 3798-3816.	1.8	11
43	Systematic review of application of artificial intelligence tools in architectural, engineering and construction. Frontiers in Engineering and Built Environment, 2021, 1, 203-216.	0.7	10
44	A quantified model for assessment of drivers of acquiring green buildings by potential clients. Environment, Development and Sustainability, 2022, 24, 3815-3831.	2.7	9
45	HOW EFFECTIVE ARE LABOR WAGES ON LABOR PRODUCTIVITY?: AN EMPIRICAL INVESTIGATION ON THE CONSTRUCTION INDUSTRY OF NEW ZEALAND. Technological and Economic Development of Economy, 2020, 26, 258-270.	2.3	8
46	Understanding Construction Stakeholders' Experience and Attitudes toward Use of the Structurally Insulated Panels (SIPs) in New Zealand. Sustainability, 2019, 11, 5458.	1.6	7
47	Attitudes of Cambodian Homebuyers Towards the Factors Influencing Their Intention to Purchase Green Building. Green Energy and Technology, 2020, , 147-160.	0.4	7
48	Overcoming the Project Communications Management Breakdown amongst Foreign Workers during the COVID-19 Pandemic in Biophilia Inveigled Construction Projects in Malaysia. Energies, 2021, 14, 4790.	1.6	7
49	Structural Equation Model of Factors Influencing Students to Major in Architecture, Engineering, and Construction. Journal of Professional Issues in Engineering Education and Practice, 2019, 145, 05018019.	0.9	6
50	Design and Energy Performance Analysis of a Hotel Building in a Hot and Dry Climate: A Case Study. Energies, 2021, 14, 5502.	1.6	5
51	Strategies for implementation of green roofs in developing countries. Engineering, Construction and Architectural Management, 2022, ahead-of-print, .	1.8	5
52	Characterization of Three Amu-Darya Basin Clays in Ceramic Brick Industry and Their Applications with Brick Waste. Materials, 2021, 14, 7471.	1.3	5
53	Pareto analysis of on-site productivity constraints and improvement techniques in construction industry. Scientific Research and Essays, 2012, 7, .	0.1	4
54	Assessment of sustainability indicators for urban water infrastructure in a developing country. International Journal of Building Pathology and Adaptation, 2021, , .	0.7	4

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55	Construction Productivity in Turkmenistan: Survey of the Constraining Factors. International Journal of E-Education E-Business E-Management and E-Learning, 2013, , .	0.3	3
56	Construction materials' properties: Investigation of unreinforced masonry buildings in the cities of Tirana, Durres and Elbasan. Case Studies in Construction Materials, 2020, 13, e00395.	0.8	2
57	Cost and environmental performance of forced air and hot water heating systems in post-Soviet countries. International Journal of Building Pathology and Adaptation, 2023, 41, 170-181.	0.7	2
58	Estimation of Traffic Delay Due to U-Turns at Uncontrolled Medians: Case Study in Phnom Penh, Cambodia. Sustainability, 2022, 14, 118.	1.6	2
59	What Influences Women to Study Architectural, Engineering, or Construction (AEC) Majors?. Journal of Civil Engineering Education, 2021, 147, .	0.8	1
60	Anchorage of Perfobond Leiste shaped shear connector composite dowel with carbon fibre reinforced polymer. Journal of Building Engineering, 2021, 34, 101711.	1.6	1
61	Sustainable Construction in Malaysian Mixed Development Projects: The Barriers and Critical Success Factors. Journal of Social Sciences Research, 2018, , 885-892.	0.1	1
62	Status of Value Management Implementation in Small and Medium Construction Projects in Malaysia. Buildings, 2022, 12, 658.	1.4	1
63	IMPROVING THE OWNER-CONTRACTOR RELATIONSHIP THROUGH TRUST-BASED PREQUALIFICATION IN GREEN BUILDING PROJECTS. Journal of Green Building, 2022, 17, 211-231.	0.4	1