

Amos Darko

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

4,483
citations

147566

31
h-index

110170

64
g-index

74
all docs

74
docs citations

74
times ranked

2317
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical barriers to green building technologies adoption in developing countries: The case of Ghana. <i>Journal of Cleaner Production</i> , 2018, 172, 1067-1079.	4.6	309
2	Drivers for green building: A review of empirical studies. <i>Habitat International</i> , 2017, 60, 34-49.	2.3	292
3	Artificial intelligence in the AEC industry: Scientometric analysis and visualization of research activities. <i>Automation in Construction</i> , 2020, 112, 103081.	4.8	278
4	Review of application of analytic hierarchy process (AHP) in construction. <i>International Journal of Construction Management</i> , 2019, 19, 436-452.	2.2	249
5	Critical analysis of green building research trend in construction journals. <i>Habitat International</i> , 2016, 57, 53-63.	2.3	243
6	A scientometric analysis and visualization of global green building research. <i>Building and Environment</i> , 2019, 149, 501-511.	3.0	215
7	Examining issues influencing green building technologies adoption: The United States green building experts'™ perspectives. <i>Energy and Buildings</i> , 2017, 144, 320-332.	3.1	175
8	Promoting and implementing urban sustainability in China: An integration of sustainable initiatives at different urban scales. <i>Habitat International</i> , 2018, 82, 83-93.	2.3	170
9	Review of Barriers to Green Building Adoption. <i>Sustainable Development</i> , 2017, 25, 167-179.	6.9	166
10	Profile and concentric zonal analysis of relationships between land use/land cover and land surface temperature: Case study of Shenyang, China. <i>Energy and Buildings</i> , 2017, 155, 282-295.	3.1	146
11	Influences of barriers, drivers, and promotion strategies on green building technologies adoption in developing countries: The Ghanaian case. <i>Journal of Cleaner Production</i> , 2018, 200, 687-703.	4.6	145
12	Drivers for implementing green building technologies: An international survey of experts. <i>Journal of Cleaner Production</i> , 2017, 145, 386-394.	4.6	139
13	Strategies for Promoting Green Building Technologies Adoption in the Construction Industry"An International Study. <i>Sustainability</i> , 2017, 9, 969.	1.6	133
14	Barriers Affecting the Adoption of Green Building Technologies. <i>Journal of Management in Engineering - ASCE</i> , 2017, 33, .	2.6	128
15	Strategies to promote green building technologies adoption in developing countries: The case of Ghana. <i>Building and Environment</i> , 2018, 130, 74-84.	3.0	123
16	A partial least squares structural equation modeling (PLS-SEM) of barriers to sustainable construction in Malaysia. <i>Journal of Cleaner Production</i> , 2018, 204, 564-572.	4.6	115
17	Sensitivity analysis of wind pressure coefficients on CAARC standard tall buildings in CFD simulations. <i>Journal of Building Engineering</i> , 2018, 16, 146-158.	1.6	82
18	Green finance gap in green buildings: A scoping review and future research needs. <i>Building and Environment</i> , 2022, 207, 108443.	3.0	82

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19	Building information modeling (BIM)-based modular integrated construction risk management â€œ Critical survey and future needs. <i>Computers in Industry</i> , 2020, 123, 103327.	5.7	81
20	Corrupt Practices in the Construction Industry: Survey of Ghanaian Experience. <i>Journal of Management in Engineering - ASCE</i> , 2017, 33, .	2.6	73
21	Driving forces for green building technologies adoption in the construction industry: Ghanaian perspective. <i>Building and Environment</i> , 2017, 125, 206-215.	3.0	72
22	Artificial intelligence in green building. <i>Automation in Construction</i> , 2022, 137, 104192.	4.8	71
23	Critical barriers to sustainability attainment in affordable housing: International construction professionalsâ€™ perspective. <i>Journal of Cleaner Production</i> , 2020, 253, 119995.	4.6	62
24	Digitalization of construction supply chain and procurement in the built environment: Emerging technologies and opportunities for sustainable processes. <i>Journal of Cleaner Production</i> , 2021, 322, 129093.	4.6	58
25	Distinguishing Characteristics of Corruption Risks in Iranian Construction Projects: A Weighted Correlation Network Analysis. <i>Science and Engineering Ethics</i> , 2020, 26, 205-231.	1.7	50
26	How Does Transformational Leadership Promote Innovation in Construction? The Mediating Role of Innovation Climate and the Multilevel Moderation Role of Project Requirements. <i>Sustainability</i> , 2018, 10, 1506.	1.6	49
27	Critical Risk Factors of Transnational Publicâ€“Private Partnership Projects: Literature Review. <i>Journal of Infrastructure Systems</i> , 2018, 24, .	1.0	48
28	Review of Publicâ€“Private Partnership Literature from a Project Lifecycle Perspective. <i>Journal of Infrastructure Systems</i> , 2018, 24, .	1.0	48
29	Critical success factors for green building promotion: A systematic review and meta-analysis. <i>Building and Environment</i> , 2022, 207, 108452.	3.0	46
30	Review of global research advances towards net-zero emissions buildings. <i>Energy and Buildings</i> , 2022, 266, 112142.	3.1	42
31	Effect of Motivation and Owner Commitment on the Delivery Performance of Green Building Projects. <i>Journal of Management in Engineering - ASCE</i> , 2018, 34, .	2.6	36
32	Evaluation and Ranking of Risk Factors in Transnational Publicâ€“Private Partnerships Projects: Case Study Based on the Intuitionistic Fuzzy Analytic Hierarchy Process. <i>Journal of Infrastructure Systems</i> , 2018, 24, .	1.0	30
33	Green Building Occupant Satisfaction: Evidence from the Australian Higher Education Sector. <i>Sustainability</i> , 2018, 10, 2890.	1.6	29
34	Critical factors in site planning and design of green buildings: A case of China. <i>Journal of Cleaner Production</i> , 2019, 222, 685-694.	4.6	29
35	Integrated applications of building information modeling and artificial intelligence techniques in the AEC/FM industry. <i>Automation in Construction</i> , 2022, 139, 104289.	4.8	29
36	Review of global mental health research in the construction industry. <i>Engineering, Construction and Architectural Management</i> , 2019, 27, 385-410.	1.8	28

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37	Construction Accidents in a Large-Scale Public Infrastructure Project: Severity and Prevention. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	27
38	Heritage building maintenance management (HBMM): A bibliometric-qualitative analysis of literature. Journal of Building Engineering, 2021, 42, 102416.	1.6	25
39	Influence of formal and informal stakeholder relationship on megaproject performance: a case of China. Engineering, Construction and Architectural Management, 2020, 27, 1505-1531.	1.8	24
40	A bibliometric-qualitative literature review of green finance gap and future research directions. Climate and Development, 2023, 15, 432-455.	2.2	23
41	Sustainable Logistics Planning in Modular Integrated Construction Using Multimethod Simulation and Taguchi Approach. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	19
42	Optimizing the application of strategies promoting electronic procurement systems towards sustainable construction in the building lifecycle: A neurofuzzy model approach. Journal of Cleaner Production, 2022, 336, 130343.	4.6	18
43	Underlying indicators for measuring smartness of buildings in the construction industry. Smart and Sustainable Built Environment, 2022, 11, 126-142.	2.2	17
44	Factors affecting international construction joint ventures: a systematic literature review. International Journal of Construction Management, 2023, 23, 98-113.	2.2	17
45	Integrated design process of green building projects: A review towards assessment metrics and conceptual framework. Journal of Building Engineering, 2022, 50, 104180.	1.6	17
46	What are the green technologies for sustainable housing development? An empirical study in Ghana. Business Strategy and Development, 2018, 1, 140-153.	2.2	15
47	The state of corporate social responsibility practice in the construction sector. Smart and Sustainable Built Environment, 2019, 9, 91-111.	2.2	15
48	Investigating Private Sectorsâ€™ Behavioral Intention to Participate in PPP Projects: An Empirical Examination Based on the Theory of Planned Behavior. Sustainability, 2018, 10, 2692.	1.6	13
49	An empirical analysis of barriers to building information modelling (BIM) implementation in construction projects: evidence from the Chinese context. International Journal of Construction Management, 2022, 22, 3119-3127.	2.2	13
50	A scientometric analysis of the housing affordability literature. Journal of Housing and the Built Environment, 2021, 36, 1501-1533.	0.9	13
51	Corruption in Construction Projects: Bibliometric Analysis of Global Research. Sustainability, 2021, 13, 4400.	1.6	12
52	Visualizing the Knowledge Domain of Project Governance: A Scientometric Review. Advances in Civil Engineering, 2020, 2020, 1-15.	0.4	11
53	BIM-enabled multi-level assessment of age-friendliness of urban housing based on multiscale spatial framework: enlightenments of housing support for â€œaging-in-placeâ€. Sustainable Cities and Society, 2021, 72, 103039.	5.1	11
54	Evaluation Model for Influences of Driving Forces for Electronic Procurement Systems Application in Ghanaian Construction Projects. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	11

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55	Interactive effects of institutional, economic, social and environmental barriers on sustainable housing in a developing country. <i>Building and Environment</i> , 2022, 207, 108487.	3.0	10
56	Facilitating a transition to a circular economy in construction projects: intermediate theoretical models based on the theory of planned behaviour. <i>Building Research and Information</i> , 2023, 51, 85-104.	2.0	10
57	Evaluating the Corruption Susceptibility Index of Infrastructure Procurement and Management in the Developed Context: The Case of Hong Kong. <i>Journal of Infrastructure Systems</i> , 2021, 27, 05021006.	1.0	9
58	Spatial-temporal investigation of green building promotion efficiency: The case of China. <i>Journal of Cleaner Production</i> , 2022, 362, 132299.	4.6	9
59	Thematic Overview of Corruption in Infrastructure Procurement Process. <i>Journal of Infrastructure Systems</i> , 2019, 25, .	1.0	8
60	Key drivers for implementing international construction joint ventures (ICJVs): global insights for sustainable growth. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 3363-3393.	1.8	8
61	Simulation-Optimization for the Planning of Off-Site Construction Projects: A Comparative Study of Recent Swarm Intelligence Metaheuristics. <i>Sustainability</i> , 2021, 13, 13551.	1.6	8
62	Critical Barriers to International Construction Joint Ventures Success: Multiexpert Views and Contextual Disparities. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	2.0	7
63	Adoption of Green Building Technologies in Ghana. <i>Green Energy and Technology</i> , 2020, , 217-235.	0.4	7
64	Electronic Procurement Systems Adoption in Construction Procurement: A Global Survey on the Barriers and Strategies from the Developed and Developing Economies. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, .	2.0	6
65	Drivers for green cities development in developing countries: Ghanaian perspective. <i>International Journal of Construction Management</i> , 2023, 23, 1086-1096.	2.2	5
66	Predicting the elderly's quality of life based on dynamic neighborhood environment under diverse scenarios: An integrated approach of ANN, scenario analysis and Monte Carlo method. <i>Habitat International</i> , 2021, 113, 102373.	2.3	4
67	Best practices for implementing industrialized construction projects: lessons from nine case studies. <i>Construction Innovation</i> , 2022, 22, 915-938.	1.5	4
68	Factors affecting structural steelwork adoption from a project lifecycle perspective: The case of Hong Kong. <i>Journal of Cleaner Production</i> , 2019, 230, 634-646.	4.6	3
69	Service quality of insurance in complex project deals in the construction industry in Ghana. <i>International Journal of Building Pathology and Adaptation</i> , 2020, 39, 344-367.	0.7	3
70	Management control structures and performance implications in international construction joint ventures: critical survey and conceptual framework. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 755-781.	1.8	3
71	Barriers to electronic procurement adoption in the construction industry: a systematic review and interrelationships. <i>International Journal of Construction Management</i> , 0, , 1-15.	2.2	3
72	Insurable and non-insurable risks in complex project deals: case of the Ghanaian construction industry. <i>Journal of Engineering, Design and Technology</i> , 2020, 18, 1971-1995.	1.1	2

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73	Engineering project networks: providing 'sustainable work systems' for construction knowledge workers. Journal of Engineering, Design and Technology, 2021, 19, 21-40.	1.1	1
74	Impacts of management control mechanisms on the performance of international construction joint ventures: an empirical study. Engineering, Construction and Architectural Management, 2022, ahead-of-print, .	1.8	1