

# Ali Keyvanfar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7209305/publications.pdf>

Version: 2024-02-01

55  
papers

1,472  
citations

361045

20  
h-index

329751

37  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tests and methods of evaluating the self-healing efficiency of concrete: A review. <i>Construction and Building Materials</i> , 2016, 112, 1123-1132.	3.2	188
2	Optimum concentration of <i>Bacillus megaterium</i> for strengthening structural concrete. <i>Construction and Building Materials</i> , 2016, 118, 180-193.	3.2	150
3	Waterproof performance of concrete: A critical review on implemented approaches. <i>Construction and Building Materials</i> , 2015, 101, 80-90.	3.2	131
4	Efficiency of Microalgae <i>Chlamydomonas</i> on the Removal of Pollutants from Palm Oil Mill Effluent (POME). <i>Energy Procedia</i> , 2015, 75, 2400-2408.	1.8	97
5	User satisfaction adaptive behaviors for assessing energy efficient building indoor cooling and lighting environment. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 277-295.	8.2	66
6	DEMATEL-ANP Risk Assessment in Oil and Gas Construction Projects. <i>Sustainability</i> , 2017, 9, 1420.	1.6	66
7	Optimum lipid production using agro-industrial wastewater treated microalgae as biofuel substrate. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2513-2523.	2.1	52
8	Isolation and screening of microalgae from agro-industrial wastewater (POME) for biomass and biodiesel sources. <i>Desalination and Water Treatment</i> , 2016, 57, 29118-29125.	1.0	49
9	Application of <i>Proteus mirabilis</i> and <i>Proteus vulgaris</i> mixture to design self-healing concrete. <i>Desalination and Water Treatment</i> , 2014, 52, 3623-3630.	1.0	42
10	Street Geometry Factors Influence Urban Microclimate in Tropical Coastal Cities: A Review. <i>Environmental and Climate Technologies</i> , 2016, 17, 61-75.	0.5	40
11	Qatar Sustainability Assessment System (QSAS)-Neighborhood Development (ND) Assessment Model: Coupling green urban planning and green building design. <i>Journal of Building Engineering</i> , 2019, 22, 171-180.	1.6	37
12	<i>Chlorella Pyrenoidosa</i> Mediated Lipid Production Using Malaysian Agricultural Wastewater: Effects of Photon and Carbon. <i>Waste and Biomass Valorization</i> , 2016, 7, 779-788.	1.8	36
13	A novel hydroxyapatite composite reinforced with titanium nanotubes coated on Co-Cr-based alloy. <i>Vacuum</i> , 2015, 122, 82-89.	1.6	34
14	Enhancing staff's satisfaction with comfort toward productivity by sustainable Open Plan Office Design. <i>Sustainable Cities and Society</i> , 2015, 19, 151-164.	5.1	32
15	Lipid production by microalgae <i>Chlorella pyrenoidosa</i> cultivated in palm oil mill effluent (POME) using hybrid photo bioreactor (HPBR). <i>Desalination and Water Treatment</i> , 2015, 55, 3737-3749.	1.0	32
16	Driving Behaviour and Sustainable Mobility—Policies and Approaches Revisited. <i>Sustainability</i> , 2018, 10, 1152.	1.6	29
17	Hydroxyapatite-Titania nanotube composite as a coating layer on Co-Cr-based implants: Mechanical and electrochemical optimization. <i>Ceramics International</i> , 2016, 42, 6942-6954.	2.3	27
18	A Sustainable Historic Waterfront Revitalization Decision Support Tool for Attracting Tourists. <i>Sustainability</i> , 2018, 10, 215.	1.6	26

#	ARTICLE	IF	CITATIONS
19	Environmental-conscious factors affecting street microclimate and individuals'™ respiratory health in tropical coastal cities. <i>Sustainable Cities and Society</i> , 2016, 21, 35-50.	5.1	22
20	Grounded Group Decision Making (GGDM) Model. <i>Advanced Science Letters</i> , 2013, 19, 3077-3080.	0.2	21
21	Green Driver: Travel Behaviors Revisited on Fuel Saving and Less Emission. <i>Sustainability</i> , 2018, 10, 325.	1.6	20
22	Correlation Study on User Satisfaction from Adaptive Behavior and Energy Consumption in Office Buildings. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 70, .	0.3	19
23	Greenhouse Gas Emission of Organic Waste Composting: A Case Study of Universiti Teknologi Malaysia Green Campus Flagship Project. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.3	18
24	Construction Information Systems for Executive Management in Monitoring Work Progress. <i>Advanced Science Letters</i> , 2012, 15, 169-171.	0.2	18
25	Methods for adaptive behaviors satisfaction assessment with energy efficient building design. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 57, 250-259.	8.2	17
26	Durability improvement assessment in different high strength bacterial structural concrete grades against different types of acids. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2014, 39, 1509-1522.	0.8	16
27	The Path Walkability Index (PAWDEX) Model: To Measure Built Environment Variables Influencing Residents' Walking Behavior. <i>Advanced Science Letters</i> , 2013, 19, 3017-3020.	0.2	16
28	A Path Walkability Assessment Index Model for Evaluating and Facilitating Retail Walking Using Decision-Tree-Making (DTM) Method. <i>Sustainability</i> , 2018, 10, 1035.	1.6	15
29	Application of the Path Walkability Index (Pawdex) Model: A Case Study of Retail Walking Pattern Recognition in Taman University Skudai, Johor, Malaysia. <i>Advanced Science Letters</i> , 2013, 19, 3021-3024.	0.2	15
30	Multifunctional retention pond for stormwater management: A decision-support model using Analytical Network Process (ANP) and Global Sensitivity Analysis (GSA). <i>Ecological Indicators</i> , 2021, 124, 107317.	2.6	14
31	Green Driver: driving behaviors revisited on safety. <i>Archives of Transport</i> , 2018, 47, 49-78.	0.4	13
32	Application of a grounded group decision-making (GGDM) model: a case of micro-organism optimal inoculation method in biological self-healing concrete. <i>Desalination and Water Treatment</i> , 2014, 52, 3594-3599.	1.0	12
33	Sustainable riverscape preservation strategy framework using goal-oriented method: Case of historical heritage cities in Malaysia. <i>International Journal of Sustainable Built Environment</i> , 2017, 6, 143-159.	3.2	11
34	Drivers'™ adaptive travel behaviors towards green transportation development: a critical review. <i>Archives of Transport</i> , 2016, 38, 49-70.	0.4	11
35	Open Plan Office Design Features Affecting Staff'™s Health and Well-being Status. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 70, .	0.3	10
36	Dynamic faades design typologies, technologies, measurement techniques, and physical performances across thermal, optical, ventilation, and electricity generation outlooks. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 167, 112647.	8.2	8

#	ARTICLE	IF	CITATIONS
37	RISK CLASSIFICATION AND BARRIER OF IMPLEMENTING RISK MANAGEMENT IN OIL AND GAS CONSTRUCTION COMPANIES. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	7
38	Optimization and Trajectory Analysis of Drone's Flying and Environmental Variables for 3D Modelling the Construction Progress Monitoring. International Journal of Civil Engineering, 2022, 20, 363-388.	0.9	7
39	<i>In situ</i> synthesis of hydroxyapatite-grafted titanium nanotube composite. Journal of Experimental Nanoscience, 2016, 11, 816-822.	1.3	6
40	CAUSES OF VARIATION ORDER IN BUILDING AND CIVIL ENGINEERING PROJECTS IN NIGERIA. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	5
41	Evaluating hydrothermal synthesis of fluorapatite nanorods: pH and temperature. Journal of Experimental Nanoscience, 2017, 12, 83-93.	1.3	5
42	Performance comparison analysis of 3D reconstruction modeling software in construction site visualization and mapping. International Journal of Architectural Computing, 2022, 20, 453-475.	0.9	5
43	SUSTAINABLE POST-DISASTER SETTLEMENT (SPS) ASSESSMENT MODEL FOR EVALUATING PERFORMANCE OF CONSTRUCTION MANAGEMENT IN POST-FLOOD RISK-REDUCTION AND RECOVERY. Journal of Sustainability Science and Management, 2021, 16, 174-199.	0.2	3
44	A Model Development for Lean Safety Planning in Design Phase of Construction. Advanced Science Letters, 2018, 24, 4166-4171.	0.2	3
45	Designing for Less Maintenance: Lessons Learned from Flood Damaged Buildings. Advanced Science Letters, 2013, 19, 2988-2991.	0.2	3
46	Investigation of Future Building Performance Factors Towards Energy Efficient Travel Plan in Regional Development. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.3	3
47	Assessment of Cost Escalation factors for Building and Civil Engineering Projects in Nigerian Construction Industry: a Multiple Regression Approach. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.3	2
48	Emerging Factors Shaping Identity of Indigenous Urbanism Concurrently Adopting Modernity in Qatar: The Application of Diffusion Theory. Architecture, City and Environment, 2020, 14, .	0.1	2
49	A Decision Support Toolkit for the Design of Children-Oriented Urban Outdoor Learning Environments. Journal of the Urban Planning and Development Division, ASCE, 2022, 148, .	0.8	2
50	Effect of Environmental Factors on Knowledge Sharing in Construction Organization. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.3	1
51	Ground Penetrating Radar's (GPR) imaging and applications to pavement structural assessment: a case of Malaysia. Archives of Transport, 2017, 42, 39-51.	0.4	1
52	A decision support tool for a walkable integrated neighbourhood design using a multicriteria decision-making method. Scientific Journal of Silesian University of Technology Series Transport, 2018, 100, 45-68.	0.2	1
53	A Quality Assessment Directory for Evaluating Multi-functional Public Spaces. Architecture and Urban Planning, 2021, 17, 136-151.	0.5	1
54	PRIORITIZING OCCUPANTS UNDERSTANDING LEVEL ON RESIDENTIAL BUILDING ENERGY CONSUMPTION. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	0

#	ARTICLE	IF	CITATIONS
55	Optimization of nano silicon for integral mixing in cement mortar: A response surface methodology approach. AIP Conference Proceedings, 2020, , .	0.3	0