

# Ali Keyvanfar

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

888  
citations

17  
h-index

29  
g-index

56  
ext. papers

1,152  
ext. citations

3.2  
avg, IF

4.15  
L-index

#	Paper	IF	Citations
46	Tests and methods of evaluating the self-healing efficiency of concrete: A review. <i>Construction and Building Materials</i> , <b>2016</b> , 112, 1123-1132	6.7	127
45	Optimum concentration of Bacillus megaterium for strengthening structural concrete. <i>Construction and Building Materials</i> , <b>2016</b> , 118, 180-193	6.7	86
44	Waterproof performance of concrete: A critical review on implemented approaches. <i>Construction and Building Materials</i> , <b>2015</b> , 101, 80-90	6.7	80
43	Efficiency of Microalgae Chlamydomonas on the Removal of Pollutants from Palm Oil Mill Effluent (POME). <i>Energy Procedia</i> , <b>2015</b> , 75, 2400-2408	2.3	69
42	User satisfaction adaptive behaviors for assessing energy efficient building indoor cooling and lighting environment. <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 39, 277-295	16.2	49
41	DEMATEL-ANP Risk Assessment in Oil and Gas Construction Projects. <i>Sustainability</i> , <b>2017</b> , 9, 1420	3.6	44
40	A novel hydroxyapatite composite reinforced with titanium nanotubes coated on CoCr-based alloy. <i>Vacuum</i> , <b>2015</b> , 122, 82-89	3.7	31
39	Optimum lipid production using agro-industrial wastewater treated microalgae as biofuel substrate. <i>Clean Technologies and Environmental Policy</i> , <b>2016</b> , 18, 2513-2523	4.3	27
38	Street Geometry Factors Influence Urban Microclimate in Tropical Coastal Cities: A Review. <i>Environmental and Climate Technologies</i> , <b>2016</b> , 17, 61-75	1.5	27
37	Hydroxyapatite/Titanium nanotube composite as a coating layer on CoCr-based implants: Mechanical and electrochemical optimization. <i>Ceramics International</i> , <b>2016</b> , 42, 6942-6954	5.1	26
36	Isolation and screening of microalgae from agro-industrial wastewater (POME) for biomass and biodiesel sources. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 29118-29125		26
35	Enhancing staff's satisfaction with comfort toward productivity by sustainable Open Plan Office Design. <i>Sustainable Cities and Society</i> , <b>2015</b> , 19, 151-164	10.1	23
34	Chlorella Pyrenoidosa Mediated Lipid Production Using Malaysian Agricultural Wastewater: Effects of Photon and Carbon. <i>Waste and Biomass Valorization</i> , <b>2016</b> , 7, 779-788	3.2	23
33	Driving Behaviour and Sustainable Mobility Policies and Approaches Revisited. <i>Sustainability</i> , <b>2018</b> , 10, 1152	3.6	19
32	Lipid production by microalgae Chlorella pyrenoidosa cultivated in palm oil mill effluent (POME) using hybrid photo bioreactor (HPBR). <i>Desalination and Water Treatment</i> , <b>2015</b> , 55, 3737-3749		18
31	A Sustainable Historic Waterfront Revitalization Decision Support Tool for Attracting Tourists. <i>Sustainability</i> , <b>2018</b> , 10, 215	3.6	18
30	Application of Proteus mirabilis and Proteus vulgaris mixture to design self-healing concrete. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 3623-3630		18

29	Environmental-conscious factors affecting street microclimate and individuals' respiratory health in tropical coastal cities. <i>Sustainable Cities and Society</i> , <b>2016</b> , 21, 35-50	10.1	17
28	Qatar Sustainability Assessment System (QSAS)-Neighborhood Development (ND) Assessment Model: Coupling green urban planning and green building design. <i>Journal of Building Engineering</i> , <b>2019</b> , 22, 171-180	5.2	17
27	Green Driver: Travel Behaviors Revisited on Fuel Saving and Less Emission. <i>Sustainability</i> , <b>2018</b> , 10, 325	3.6	15
26	Grounded Group Decision Making (GGDM) Model. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 3077-3080	0.1	11
25	Methods for adaptive behaviors satisfaction assessment with energy efficient building design. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 57, 250-259	16.2	10
24	A Path Walkability Assessment Index Model for Evaluating and Facilitating Retail Walking Using Decision-Tree-Making (DTM) Method. <i>Sustainability</i> , <b>2018</b> , 10, 1035	3.6	9
23	Green Driver: driving behaviors revisited on safety. <i>Archives of Transport</i> , <b>2018</b> , 47, 49-78	1.5	9
22	Durability improvement assessment in different high strength bacterial structural concrete grades against different types of acids. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2014</b> , 39, 1509-1522	1.2	8
21	Correlation Study on User Satisfaction from Adaptive Behavior and Energy Consumption in Office Buildings. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2014</b> , 70,	1.2	7
20	Open Plan Office Design Features Affecting Staff's Health and Well-being Status. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2014</b> , 70,	1.2	7
19	Drivers' adaptive travel behaviors towards green transportation development: a critical review. <i>Archives of Transport</i> , <b>2016</b> , 38, 49-70	1.5	7
18	Sustainable riverscape preservation strategy framework using goal-oriented method: Case of historical heritage cities in Malaysia. <i>International Journal of Sustainable Built Environment</i> , <b>2017</b> , 6, 143-159		6
17	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> , <b>2014</b> , 52, 3594-3599		6
16	The Path Walkability Index (PAWDEX) Model: To Measure Built Environment Variables Influencing Residents' Walking Behavior. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 3017-3020	0.1	6
15	Multifunctional retention pond for stormwater management: A decision-support model using Analytical Network Process (ANP) and Global Sensitivity Analysis (GSA). <i>Ecological Indicators</i> , <b>2021</b> , 124, 107317	5.8	6
14	In situ synthesis of hydroxyapatite-grafted titanium nanotube composite. <i>Journal of Experimental Nanoscience</i> , <b>2016</b> , 11, 816-822	1.9	5
13	CAUSES OF VARIATION ORDER IN BUILDING AND CIVIL ENGINEERING PROJECTS IN NIGERIA. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2015</b> , 77,	1.2	4
12	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> , <b>2015</b> , 74,	1.2	4

11	Evaluating hydrothermal synthesis of fluorapatite nanorods: pH and temperature. <i>Journal of Experimental Nanoscience</i> , <b>2017</b> , 12, 83-93	1.9	3
10	RISK CLASSIFICATION AND BARRIER OF IMPLEMENTING RISK MANAGEMENT IN OIL AND GAS CONSTRUCTION COMPANIES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2015</b> , 77,	1.2	3
9	Construction Information Systems for Executive Management in Monitoring Work Progress. <i>Advanced Science Letters</i> , <b>2012</b> , 15, 169-171	0.1	3
8	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> , <b>2013</b> , 19, 3021-3024	0.1	3
7	Assessment of Cost Escalation factors for Building and Civil Engineering Projects in Nigerian Construction Industry: a Multiple Regression Approach. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2015</b> , 74,	1.2	2
6	Employing biomimicry in urban metamorphosis seeking for sustainability: case studies. <i>Architecture, City and Environment</i> , <b>2019</b> , 14, 133	1.6	2
5	A Model Development for Lean Safety Planning in Design Phase of Construction. <i>Advanced Science Letters</i> , <b>2018</b> , 24, 4166-4171	0.1	1
4	Ground Penetrating Radar (GPR) imaging and applications to pavement structural assessment: a case of Malaysia. <i>Archives of Transport</i> , <b>2017</b> , 42, 39-51	1.5	1
3	Optimization and Trajectory Analysis of Drone Flying and Environmental Variables for 3D Modelling the Construction Progress Monitoring. <i>International Journal of Civil Engineering</i> , 1	1.9	1
2	A Quality Assessment Directory for Evaluating Multi-functional Public Spaces. <i>Architecture and Urban Planning</i> , <b>2021</b> , 17, 136-151	0.1	0
1	Performance comparison analysis of 3D reconstruction modeling software in construction site visualization and mapping. <i>International Journal of Architectural Computing</i> , 147807712110668	0.8	0