

# Taksiah A Majid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5543210/publications.pdf>

Version: 2024-02-01

54  
papers

746  
citations

1040056

9  
h-index

552781

26  
g-index

55  
all docs

55  
docs citations

55  
times ranked

814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical characteristics of PET fibre-reinforced green ultra-high performance composite concrete. European Journal of Environmental and Civil Engineering, 2022, 26, 2797-2818.	2.1	14
2	Experimental investigation on the effects of overhang length variations of steel roof cladding under uplift pressure. Structures, 2021, 32, 2032-2041.	3.6	2
3	Implication of Soil-Structure Interaction on Deteriorate Existing Frames in Penang. IOP Conference Series: Materials Science and Engineering, 2020, 864, 012035.	0.6	0
4	The Effects of the Presence of a Kitchen House on the Wind Flow Surrounding a Low-Rise Building. Energies, 2020, 13, 6243.	3.1	2
5	Development of Site-Specific Wind Hazard Map for Peninsular Malaysia via Spatial Modeling. Energies, 2020, 13, 729.	3.1	2
6	Relationships between Compressive Strength and Transport Properties of Ultrahigh-Strength Green Concrete Utilizing Ternary-Blended Binder. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	12
7	CFD prediction of air flow characteristics along the profile of a rural house model located on different ridge terrain height. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012008.	0.3	1
8	Expert awareness of wind disaster risk reduction in Northern Peninsular Malaysia. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012018.	0.3	0
9	Numerical investigation on the effects of wind direction to the air flow characteristics surrounding an isolated rural house. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012031.	0.3	2
10	Geological assessment for tunnel excavation under river with shallow overburden using surface site investigation data and electrical resistivity tomography. Measurement: Journal of the International Measurement Confederation, 2019, 144, 260-274.	5.0	13
11	Durability performance of a novel ultra-high-performance PET green concrete (UHPPGC). Construction and Building Materials, 2019, 209, 395-405.	7.2	76
12	Numerical investigation on the air flow characteristics of a core house with the presence of kitchen house using computational fluid dynamics. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012030.	0.3	1
13	Impact of strong repeated ground excitation to the on-plan rotation of asymmetric building with various strength and stiffness eccentricities. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012023.	0.3	0
14	CFD Prediction on the Pressure Distribution and Streamlines around an Isolated Single-Storey House Considering the Effect of Topographic Characteristics. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012006.	0.3	1
15	Wind Directional Effect on a Single Storey House Using Educational Wind Tunnel. MATEC Web of Conferences, 2018, 206, 01006.	0.2	1
16	Enhancement of CFD validation exercise along the roof profile of a low-rise building. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012004.	0.3	2
17	CFD Simulation On The Pressure Distribution For An Isolated Single-Story House With Extension: Grid Sensitivity Analysis. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012005.	0.3	3
18	Incremental Dynamic Analysis of Koyna Dam under Repeated Ground Motions. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012021.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Seismic retrofit of slab-on-girder steel bridges. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 521-531.	0.8	2
20	Seismic performance of the typical RC beam-column joint subjected to repeated earthquakes. AIP Conference Proceedings, 2017, , .	0.4	4
21	Nonstructural damages of reinforced concrete buildings due to 2015 Ranau earthquake. AIP Conference Proceedings, 2017, , .	0.4	8
22	A comprehensive study on the influence of strength and stiffness eccentricities to the on-plan rotation of asymmetric structure. AIP Conference Proceedings, 2017, , .	0.4	2
23	Soft storey effects on plastic hinge propagation of moment resisting reinforced concrete building subjected to Ranau earthquake. AIP Conference Proceedings, 2017, , .	0.4	4
24	Performance of Koyna dam based on static and dynamic analysis. AIP Conference Proceedings, 2017, , .	0.4	2
25	Experimental investigation on effect of multi-walled carbon nanotubes concentration on flexural properties and microstructure of cement mortar composite. AIP Conference Proceedings, 2017, , .	0.4	3
26	Effect of repeated earthquake on inelastic moment resisting concrete frame. AIP Conference Proceedings, 2017, , .	0.4	2
27	Identification of patent in incentivizing innovation for sustainability in the construction industry. AIP Conference Proceedings, 2017, , .	0.4	0
28	Analysis of Variance of the Effects of a Project's Location on Key Issues and Challenges in Post-Disaster Reconstruction Projects. Economies, 2017, 5, 46.	2.5	9
29	Post Windstorm Evaluation of Critical Aspects Causing Damage to Rural Houses in the Northern Region of Peninsular Malaysia. MATEC Web of Conferences, 2017, 103, 03016.	0.2	6
30	Seismic Site Classification of JKR Bridge at Sungai Sepang Using Multichannel Analysis of Surface Wave (MASW)., 2016, , 159-167.		0
31	Influence of People Walking on Floor Performance due to Low Level Vibration. Applied Mechanics and Materials, 2015, 802, 208-213.	0.2	0
32	Experimental Study of Hysteretic Steel Damper for Energy Dissipation Capacity. Advances in Civil Engineering, 2015, 2015, 1-12.	0.7	59
33	Wind-related Disasters in Malaysia and Changes in Regulations and Practice. Wind Engineers JAWE, 2015, 40, 290-293.	0.1	4
34	Evaluation of soil flexibility of the reclaimed area in Penang using the non-destructive method. Natural Hazards, 2015, 78, 1267-1291.	3.4	4
35	Seismic behaviour of slab-on-girder steel bridges equipped with ductile steel infill plate end diaphragms. International Journal of Steel Structures, 2015, 15, 459-472.	1.3	4
36	Project Management Success for Post-disaster Reconstruction Projects: International NGOs Perspectives. Procedia Economics and Finance, 2014, 18, 120-127.	0.6	55

#	ARTICLE	IF	CITATIONS
37	APPLICATION OF TOPSIS METHOD IN PRIORITIZATION OF HIGHWAY BRIDGES FOR SEISMIC RETROFITTING. Engineering Structures and Technologies, 2014, 6, 114-123.	0.1	6
38	Seismic microzonation for Penang using geospatial contour mapping. Natural Hazards, 2014, 73, 657-670.	3.4	11
39	STATISTICAL EVALUATION OF PRE-SELECTION CRITERIA FOR INDUSTRIALIZED BUILDING SYSTEM (IBS). Journal of Civil Engineering and Management, 2014, 19, S131-S140.	3.5	12
40	Investigation of story ductility demands of inelastic concrete frames subjected to repeated earthquakes. Soil Dynamics and Earthquake Engineering, 2013, 44, 42-53.	3.8	85
41	The Effect of Wind Load on Rural Roofing System. , 2013, , .		1
42	Site-specific empirical correlation between shear wave velocity and standard penetration resistance using MASW method. , 2012, , .		3
43	Review on Seismic Behavior of Slab-on-girder Steel Highway Bridges. Journal of Applied Sciences, 2012, 12, 602-611.	0.3	1
44	Dynamic Study of Double Layer Lattice Domes. Trends in Applied Sciences Research, 2012, 7, 221-230.	0.4	1
45	Influence of large dam on seismic hazard in low seismic region of Ulu Padas Area, Northern Borneo. Natural Hazards, 2011, 59, 237-269.	3.4	1
46	Grid Computing for Disaster Mitigation. , 2011, , 445-456.		2
47	Analysis of prevailing wind speed and direction for wind energy potential at windy site in Malaysia. International Journal of Ecodynamics, 2007, 2, 10-23.	0.4	1
48	First and second order Markov chain models for synthetic generation of wind speed time series. Energy, 2005, 30, 693-708.	8.8	294
49	Effects of Site Classification on Empirical Correlation between Shear Wave Velocity and Standard Penetration Resistance for Soils. Applied Mechanics and Materials, 0, 284-287, 1305-1310.	0.2	4
50	Numerical Models of Hysteretic Steel Damper with a Hollow Diamond Shape for Energy Dissipation. Applied Mechanics and Materials, 0, 802, 243-248.	0.2	0
51	Dispersion of Multi-Walled Carbon Nanotubes in Portland Cement Concrete Using Ultra-Sonication and Polycarboxylic Based Superplasticizer. Applied Mechanics and Materials, 0, 802, 112-117.	0.2	4
52	Modification of Published Prediction Model of Ground Motion due to Sumatra Subduction Earthquakes for the Application in Peninsular Malaysia. Applied Mechanics and Materials, 0, 802, 34-39.	0.2	0
53	Experimental investigation on the pull-out force of modified purlin to rafter connections. IOP Conference Series: Earth and Environmental Science, 0, 244, 012017.	0.3	1
54	Disaster risks from economic perspective: Malaysian scenario. IOP Conference Series: Earth and Environmental Science, 0, 244, 012009.	0.3	5