

# Ramli Bin Nazir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5382581/publications.pdf>

Version: 2024-02-01

40  
papers

919  
citations

567281

15  
h-index

454955

30  
g-index

40  
all docs

40  
docs citations

40  
times ranked

779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of pile bearing capacity using a hybrid genetic algorithm-based ANN. Measurement: Journal of the International Measurement Confederation, 2014, 57, 122-131.	5.0	287
2	Application of Artificial Neural Network for Predicting Shaft and Tip Resistances of Concrete Piles. Earth Sciences Research Journal, 2015, 19, 85-93.	0.6	108
3	Fly ash based geopolymer stabilisation of silty clay/blast furnace slag for subgrade applications. Road Materials and Pavement Design, 2021, 22, 357-371.	4.0	42
4	The uplift load capacity of an enlarged base pier embedded in dry sand. Arabian Journal of Geosciences, 2015, 8, 7285-7296.	1.3	41
5	Prediction of bearing capacity of thin-walled foundation: a simulation approach. Engineering With Computers, 2018, 34, 319-327.	6.1	40
6	Malaysian Experiences of Peat Stabilization, State of the Art. Geotechnical and Geological Engineering, 2018, 36, 1-11.	1.7	37
7	Deformation model of sand around short piles under pullout test. Measurement: Journal of the International Measurement Confederation, 2015, 63, 110-119.	5.0	35
8	Bearing capacity of thin-walled shallow foundations: an experimental and artificial intelligence-based study. Journal of Zhejiang University: Science A, 2016, 17, 273-285.	2.4	34
9	The influence of soil reinforcement on the uplift response of symmetrical anchor plate embedded in sand. Measurement: Journal of the International Measurement Confederation, 2013, 46, 2608-2629.	5.0	29
10	Performance of single vertical helical anchor embedded in dry sand. Measurement: Journal of the International Measurement Confederation, 2014, 49, 42-51.	5.0	25
11	Moment-Carrying Capacity of Short Pile Foundations in Cohesionless Soil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 1999, 125, 1-10.	3.0	19
12	Effects of soil reinforcement on uplift resistance of buried pipeline. Measurement: Journal of the International Measurement Confederation, 2015, 64, 57-63.	5.0	19
13	The influence of rainfall intensity on soil loss mass from cellular confined slopes. Measurement: Journal of the International Measurement Confederation, 2016, 81, 13-25.	5.0	19
14	Comparative Study on Prediction of Axial Bearing Capacity of Driven Piles in Granular Materials. Jurnal Teknologi (Sciences and Engineering), 2013, 61, .	0.4	17
15	Investigating the Effect of Lignosulfonate on Erosion Rate of the Embankments Constructed with Clayey Sand. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	17
16	Investigation of tensile strength on alkaline treated and untreated kenaf geotextile under dry and wet conditions. Geotextiles and Geomembranes, 2019, 47, 522-529.	4.6	17
17	Microstructure analysis of electrokinetically stabilized peat. Measurement: Journal of the International Measurement Confederation, 2014, 48, 187-194.	5.0	12
18	Bearing capacity of precast thin-walled foundation in sand. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2015, 168, 539-550.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Sustainable Soil Bearing Capacity Improvement Using Natural Limited Life Geotextile Reinforcementâ€™A Review. Minerals (Basel, Switzerland), 2020, 10, 479.	2.0	12
20	Peaty Soil Improvement by Using Cationic Reagent Grout and Electrokinetic Method. Geotechnical and Geological Engineering, 2014, 32, 933-947.	1.7	11
21	Measurement of the electrokinetic properties of peats treated with chemical solutions. Measurement: Journal of the International Measurement Confederation, 2014, 49, 289-295.	5.0	11
22	Lateral deflection of piles in a multilayer soil medium. Case study: The Terengganu seaside platform. Measurement: Journal of the International Measurement Confederation, 2018, 123, 185-192.	5.0	10
23	Bearing capacity performance of soft cohesive soil treated by kenaf limited life geotextile. Marine Georesources and Geotechnology, 2020, 38, 755-760.	2.1	8
24	A new real-time monitoring technique in calculation of the p-y curve of single thin steel piles considering the influence of driven energy and using strain gauge sensors. Measurement: Journal of the International Measurement Confederation, 2020, 153, 107365.	5.0	8
25	Application and Design of Transition Piled Embankment with Surcharged Prefabricated Vertical Drain Intersection over Soft Ground. Arabian Journal for Science and Engineering, 2018, 43, 1573-1582.	3.0	7
26	Enhancing the Bearing Capacity of Rigid Footing Using Limited Life Kenaf Geotextile Reinforcement. Journal of Natural Fibers, 2022, 19, 2868-2884.	3.1	7
27	Ground improvement using SPVD and RPE. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	6
28	Determination of Young Elasticity Modulus in Bored Piles Through the Global Strain Extensometer Sensors and Real-Time Monitoring Data. Applied Sciences (Switzerland), 2019, 9, 3060.	2.5	5
29	Removal of Suspended Colloids through the Control of Their Zeta Potential. Journal of Dispersion Science and Technology, 2013, 34, 1273-1279.	2.4	4
30	Coagulation of the Suspended Organic Colloids Using the Electroflocculation Technique. Journal of Dispersion Science and Technology, 2014, 35, 273-282.	2.4	4
31	Development of new attenuation equation for subduction mechanisms in Malaysia water. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	4
32	Anchor Plates in Two-Layered Cohesion Less Soils. American Journal of Applied Sciences, 2010, 7, 1396-1399.	0.2	3
33	Performance of soil instrumentation on settlement prediction. Soil Mechanics and Foundation Engineering, 2013, 50, 61-64.	0.7	2
34	Systematic Review of Screw Anchors in Cohesionless Soils. Soil Mechanics and Foundation Engineering, 2013, 50, 212-217.	0.7	2
35	Behaviour of expanded piles under upward loading due to radial preloading in soft clay. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	2
36	3D Numerical Analysis of Centrifuge Tests on Embankments on Soft and Stiff Ground. Advanced Materials Research, 2013, 831, 314-320.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Numerical Modeling of Geogrid Reinforced Sand Beds by PLAXIS. Advanced Science Letters, 2012, 15, 63-65.	0.2	1
38	Uplift Capacity of Anchor Plates in Two-layered Cohesive-frictional Soils. Journal of Applied Sciences, 2011, 11, 589-591.	0.3	1
39	Experimental Investigation of Several Different Types of Soil Erosion Protection Systems. Advances in Science, Technology and Innovation, 2019, , 481-483.	0.4	0
40	Uplift response of symmetrical circular anchor plate in sand. African Journal of Agricultural Research Vol Pp, 2011, 6, .	0.5	0