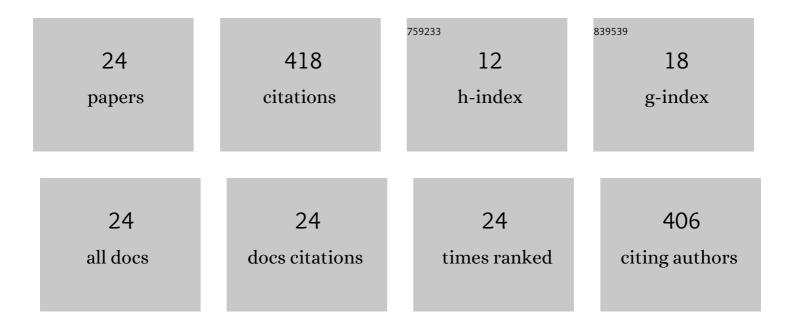
## Roohollah Kalatehjari

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1723254/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An ANN-Fuzzy Cognitive Map-Based Z-Number Theory to Predict Flyrock Induced by Blasting in Open-Pit Mines. Rock Mechanics and Rock Engineering, 2022, 55, 4373-4390.	5.4	17
2	Application of UAV-based photogrammetry and normalised water index (NDWI) to estimate the rock mass rating (RMR): A case study. Physics and Chemistry of the Earth, 2022, 127, 103161.	2.9	4
3	Assessment of disturbance impact of hydraulic jacked-in pile penetration in artificial clayey soil. Marine Georesources and Geotechnology, 2021, 39, 631-637.	2.1	Ο
4	Sand–Tire Shred Mixture Performance in Controlling Surface Explosion Hazards That Affect Underground Structures. Applied Sciences (Switzerland), 2021, 11, 11741.	2.5	2
5	3D prediction of tunneling-induced ground movements based on a hybrid ANN and empirical methods. Engineering With Computers, 2020, 36, 251-269.	6.1	32
6	Toward Standardizing the Search for Critical Slip Surface in Slope Stability Analysis. Lecture Notes in Civil Engineering, 2020, , 795-802.	0.4	0
7	Applications of Particle Swarm Optimization in Geotechnical Engineering: A Comprehensive Review. Geotechnical and Geological Engineering, 2018, 36, 705-722.	1.7	128
8	Classification of piles based on the results of low strain pile integrity tests – Case studies of selected piles in Lagos and Port-Harcourt, Nigeria. DFI Journal, 2018, 12, 50-56.	0.2	0
9	Predicting the Effective Depth of Soil Stabilization for Marine Clay Treated by Biomass Silica. KSCE Journal of Civil Engineering, 2018, 22, 4316-4326.	1.9	8
10	Determination of Soil Specific Gravity by Using Partially Vacuum and Shaking Methods. Journal of the Institution of Engineers (India): Series A, 2017, 98, 25-28.	1.2	0
11	Determination of liquid limit of a low swelling clay using different cone angles. Applied Clay Science, 2016, 132-133, 748-752.	5.2	4
12	Determination of three-dimensional shape of failure in soil slopes. Canadian Geotechnical Journal, 2015, 52, 1283-1301.	2.8	30
13	Indirect measure of thermal conductivity of rocks through adaptive neuro-fuzzy inference system and multivariate regression analysis. Measurement: Journal of the International Measurement Confederation, 2015, 67, 71-77.	5.0	13
14	Determination of pile failure mechanism under pullout test in loose sand. Journal of Central South University, 2015, 22, 1490-1501.	3.0	20
15	A typical weathering profile of granitic rock in Johor, Malaysia based on joint characterization. Arabian Journal of Geosciences, 2015, 8, 2191-2201.	1.3	15
16	The Contribution of Particle Swarm Optimization to Three-Dimensional Slope Stability Analysis. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	23
17	Assessment of Weathering Effects on Rock Mass Structure. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.7843	14 rgBT /O	verlock 10 Tf
18	The effects of method of generating circular slip surfaces on determining the critical slip surface by	1.3	38

particle swarm optimization. Arabian Journal of Geosciences, 2014, 7, 1529-1539.

#	Article	IF	CITATIONS
19	Determining the unique direction of sliding in three-dimensional slope stability analysis. Engineering Geology, 2014, 182, 97-108.	6.3	29
20	Collapse/Swell Potential of Residual Laterite Soil Due to Wetting and Drying-wetting Cycles. The National Academy of Sciences, India, 2014, 37, 147-153.	1.3	15
21	Relationship between liquidity index and stabilized strength of local subgrade materials in a tropical area. Measurement: Journal of the International Measurement Confederation, 2014, 55, 231-237.	5.0	37
22	Temperature effect on compression and collapsibility of residual granitic soil. Gradevinar, 2014, , .	0.2	1
23	Optimization of Abrasive Wear Behavior of High Chromium Cast Iron and Hadfield Steel. Recent Patents on Mechanical Engineering, 2012, 5, 113-128.	0.3	0
24	FIDING THE CRITICAL SLIP SURFACE OF A SOIL SLOPE WITH THE AID OF PARTICLE SWARM OPTIMIZATION. , 2011, , .		0