

# Sharan Kumar Nagendran

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

139  
citations

1478505

6  
h-index

1474206

9  
g-index

28  
all docs

28  
docs citations

28  
times ranked

95  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic Effect of Soil Stabilization for a Sustainable Subgrade Soil Improvement. <i>Materials</i> , 2022, 15, 3087.	2.9	5
2	A state of review: challenges and techniques of laterite soil stabilisation using chemical, economical, and eco-friendly materials. <i>Innovative Infrastructure Solutions</i> , 2022, 7, .	2.2	0
3	Ettringite Formation and Stabilization Methods of Sulfate-Bearing Soil: A State-of-the-Art Review. <i>Indian Geotechnical Journal</i> , 2022, 52, 927-941.	1.4	3
4	Probabilistic and Sensitivity Analysis of Rock Slope Using Anisotropic Material Models for Planar Failures. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 1979-1995.	1.7	3
5	Novel Approach to the Treatment of Gypseous Soil-Induced Ettringite Using Blends of Non-Calcium-Based Stabilizer, Ground Granulated Blast-Furnace Slag, and Metakaolin. <i>Materials</i> , 2021, 14, 5198.	2.9	2
6	Development of Groundwater Level Fluctuation Response System Subjected to Rainfall for Slope Stability Forecasting. <i>Journal of the Geological Society of India</i> , 2020, 96, 616-622.	1.1	7
7	Prediction of pressuremeter modulus (EM) using GMDH neural network: a case study of Kenny Hill Formation. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	4
8	Correlation Between SPT and PMT for Sandy Silt: A Case Study from Kuala Lumpur, Malaysia. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8281-8302.	3.0	0
9	Assessment of the Twin-Tunnel Interaction Mechanism in Kenny Hill Formation Using Contraction Ratio Method. <i>Indian Geotechnical Journal</i> , 2020, 50, 825-837.	1.4	4
10	Application of UAV photogrammetry for quarry monitoring. <i>Warta Geologi</i> , 2020, 46, 76-81.	0.2	6
11	Effect of tunnel overburden stress on the rock brittle failure depth. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	7
12	Analysis of Rockfall Hazards Based on the Effect of Rock Size and Shape. <i>International Journal of Civil Engineering</i> , 2019, 17, 1919-1929.	2.0	24
13	Integration of UAV photogrammetry and kinematic analysis for rock slope stability assessment. <i>Bulletin of the Geological Society of Malaysia</i> , 2019, 67, 105-111.	0.4	3
14	2D and 3D rock slope stability assessment using Limit Equilibrium Method incorporating photogrammetry technique. <i>Bulletin of the Geological Society of Malaysia</i> , 2019, 68, 133-139.	0.4	10
15	Photogrammetry approach on geological plane extraction using CloudCompare FACET plugin and scanline survey. <i>Bulletin of the Geological Society of Malaysia</i> , 2019, 68, 151-158.	0.4	10
16	Geohazard reconnaissance mapping for potential rock boulder fall using low altitude UAV photogrammetry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 352, 012033.	0.6	6
17	Systemic Approach to Elevation Data Acquisition for Geophysical Survey Alignments in Hilly Terrains Using UAVs. <i>Journal of Physics: Conference Series</i> , 2018, 995, 012104.	0.4	2
18	Site Classification using Multichannel Channel Analysis of Surface Wave (MASW) method on Soft and Hard Ground. <i>Journal of Physics: Conference Series</i> , 2018, 995, 012108.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Method for the visualization of landform by mapping using low altitude UAV application. IOP Conference Series: Materials Science and Engineering, 2018, 352, 012032.	0.6	5
20	Rippability Assessment of Weathered Sedimentary Rock Mass using Seismic Refraction Methods. Journal of Physics: Conference Series, 2018, 995, 012105.	0.4	8
21	Parametric study of horizontal drains for slope stability measure: A case study in Putrajaya, Malaysia. KSCE Journal of Civil Engineering, 2017, 21, 2162-2167.	1.9	2
22	Study on the response of unsaturated soil slope based on the effects of rainfall intensity and slope angle. AIP Conference Proceedings, 2017, , .	0.4	1
23	Effect of particle size distribution on the removal of color and <i>Escherichia coli</i> in shallow groundwater. Hydrological Research Letters, 2016, 10, 34-38.	0.5	1
24	Hydrogeochemistry of tunnel seepage water along the contact of zone of metasedimentary and granitic rock within the Pahangâ€Selangor Raw Water Transfer Tunnel Project, Malaysia. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	3
25	A preliminary study of continuous discharge flow from horizontal drains using 3-dimensional resistivity model. KSCE Journal of Civil Engineering, 2015, 19, 1865-1869.	1.9	0
26	Accuracy assessment on low altitude UAV-borne photogrammetry outputs influenced by ground control point at different altitude. IOP Conference Series: Earth and Environmental Science, 0, 169, 012031.	0.3	8
27	3D rock slope data acquisition by photogrammetry approach and extraction of geological planes using FACET plugin in CloudCompare. IOP Conference Series: Earth and Environmental Science, 0, 169, 012051.	0.3	12