

Anjan Patel

List of Publications by Year in Descending Order

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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.

29
papers

457
citations

12
h-index

21
g-index

31
ext. papers

586
ext. citations

2.7
avg, IF

4.73
L-index

#	Paper	IF	Citations
29	Role of Soils and Its Trace Element Concentration on Human Dental Health: An Overview. <i>Asian Journal of Water, Environment and Pollution</i> , 2021 , 18, 77-83	0.7	
28	Analysis of the Effect of Plastic Waste Strips on Characteristics of Fine-Grained Soils. <i>Lecture Notes in Civil Engineering</i> , 2021 , 1-13	0.3	
27	Utilization of Support Vector Models and Gene Expression Programming for Soil Strength Modeling. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 4301-4319	2.5	9
26	Measurement of wave velocities in compacted clay using bender/extender and accelerometer: An experimental and numerical approach. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 157, 107676	4.6	2
25	Numerical modelling of bender element test in soils. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 152, 107310	4.6	3
24	Studies on the Properties of Fly Ash/Rice Husk Ash-Based Geopolymer for Use in Black Cotton Soils. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2020 , 6, 1	2	12
23	Stabilisation of black cotton soil for subgrade application using fly ash geopolymer. <i>Road Materials and Pavement Design</i> , 2020 , 21, 867-885	2.6	43
22	Application of genetic expression programming and artificial neural network for prediction of CBR. <i>Road Materials and Pavement Design</i> , 2020 , 21, 1183-1200	2.6	17
21	Mechanical Properties of Alkali Activated Fly Ash Geopolymer Stabilized Expansive Clay. <i>KSCE Journal of Civil Engineering</i> , 2019 , 23, 3875-3888	1.9	33
20	Miscellaneous methods 2019 , 77-86		1
19	Case examples of some geotechnical applications 2019 , 167-191		
18	Towards sustainable bricks production: An overview. <i>Construction and Building Materials</i> , 2018 , 165, 112-125	4.25	110
17	Modeling of Permeability in Stratified Sands Using a Wave-Propagation Method. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018023	3.1	1
16	Effect of Compaction States and the Confining Pressure on Poisson's Ratio of Stratified and Non-Stratified Soils. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 1983-1999	2.5	8
15	An investigation on the particle breakage of Indian River sands. <i>Engineering Geology</i> , 2018 , 233, 23-37	6	17
14	Poisson's Ratio of Layered Soils at Different Confining Stresses Using Bender/Extender Elements. <i>Soil Mechanics and Foundation Engineering</i> , 2018 , 55, 127-133	0.7	2
13	Performance analysis of piezoceramic elements in soil: A review. <i>Sensors and Actuators A: Physical</i> , 2017 , 262, 46-63	3.9	11

12	Characterization of cavities in rocks using drilling parameters. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013 , 63, 122-130	6	12
11	Factors influencing the crushing strength of some Aegean sands. <i>Bulletin of Engineering Geology and the Environment</i> , 2012 , 71, 529-536	4	7
10	Application of Piezoceramic Elements for Determining Elastic Properties of Soils. <i>Geotechnical and Geological Engineering</i> , 2012 , 30, 407-417	1.5	12
9	Mountain erosion and mitigation: global state of art. <i>Environmental Earth Sciences</i> , 2012 , 66, 1631-1639	2.9	9
8	A Methodology for Determination of Resilient Modulus of Asphaltic Concrete. <i>Advances in Civil Engineering</i> , 2011 , 2011, 1-6	1.3	25
7	Application of shear wave velocity for characterizing clays from coastal regions. <i>KSCE Journal of Civil Engineering</i> , 2010 , 14, 307-321	1.9	21
6	Performance Analysis of Piezo-Ceramic Elements in Soils. <i>Geotechnical and Geological Engineering</i> , 2010 , 28, 681-694	1.5	13
5	Artificial neural network models for predicting electrical resistivity of soils from their thermal resistivity. <i>International Journal of Thermal Sciences</i> , 2010 , 49, 118-130	4.1	50
4	A generalized relationship for estimating shear wave velocity in soils. <i>International Journal of Geotechnical Engineering</i> , 2009 , 3, 343-351	1.5	3
3	An Empirical Relationship for Determining Shear Wave Velocity in Granular Materials Accounting for Grain Morphology. <i>Geotechnical Testing Journal</i> , 2009 , 32, 100796	1.3	6
2	Instrumentation for bender element testing of soils. <i>International Journal of Geotechnical Engineering</i> , 2008 , 2, 395-405	1.5	10
1	Microplastics in Soils: An Environmental Geotechnics Perspective. <i>Environmental Geotechnics</i> , 1-30	1.2	20