

# Anjan Patel

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

776  
citations

623574

14  
h-index

580701

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards sustainable bricks production: An overview. <i>Construction and Building Materials</i> , 2018, 165, 112-125.	3.2	184
2	Stabilisation of black cotton soil for subgrade application using fly ash geopolymer. <i>Road Materials and Pavement Design</i> , 2020, 21, 867-885.	2.0	86
3	Mechanical Properties of Alkali Activated Fly Ash Geopolymer Stabilized Expansive Clay. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 3875-3888.	0.9	70
4	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.	2.6	62
5	Microplastics in soils: an environmental geotechnics perspective. <i>Environmental Geotechnics</i> , 2021, 8, 586-618.	1.3	47
6	A Methodology for Determination of Resilient Modulus of Asphaltic Concrete. <i>Advances in Civil Engineering</i> , 2011, 2011, 1-6.	0.4	35
7	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.	1.7	34
8	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.	0.9	32
9	Application of genetic expression programming and artificial neural network for prediction of CBR. <i>Road Materials and Pavement Design</i> , 2020, 21, 1183-1200.	2.0	31
10	An investigation on the particle breakage of Indian River sands. <i>Engineering Geology</i> , 2018, 233, 23-37.	2.9	27
11	Application of shear wave velocity for characterizing clays from coastal regions. <i>KSCE Journal of Civil Engineering</i> , 2010, 14, 307-321.	0.9	25
12	Characterization of cavities in rocks using drilling parameters. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013, 63, 122-130.	2.6	22
13	Performance Analysis of Piezo-Ceramic Elements in Soils. <i>Geotechnical and Geological Engineering</i> , 2010, 28, 681-694.	0.8	17
14	Performance analysis of piezoceramic elements in soil: A review. <i>Sensors and Actuators A: Physical</i> , 2017, 262, 46-63.	2.0	16
15	Application of Piezoceramic Elements for Determining Elastic Properties of Soils. <i>Geotechnical and Geological Engineering</i> , 2012, 30, 407-417.	0.8	13
16	Instrumentation for bender element testing of soils. <i>International Journal of Geotechnical Engineering</i> , 2008, 2, 395-405.	1.1	12
17	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.	1.7	12
18	Mountain erosion and mitigation: global state of art. <i>Environmental Earth Sciences</i> , 2012, 66, 1631-1639.	1.3	11

#	ARTICLE	IF	CITATIONS
19	Factors influencing the crushing strength of some Aegean sands. Bulletin of Engineering Geology and the Environment, 2012, 71, 529-536.	1.6	10
20	Numerical modelling of bender element test in soils. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107310.	2.5	8
21	An Empirical Relationship for Determining Shear Wave Velocity in Granular Materials Accounting for Grain Morphology. Geotechnical Testing Journal, 2009, 32, 1-10.	0.5	8
22	A generalized relationship for estimating shear wave velocity in soils. International Journal of Geotechnical Engineering, 2009, 3, 343-351.	1.1	3
23	Measurement of wave velocities in compacted clay using bender/extender and accelerometer: An experimental and numerical approach. Measurement: Journal of the International Measurement Confederation, 2020, 157, 107676.	2.5	3
24	Poisson's Ratio of Layered Soils at Different Confining Stresses Using Bender/Extender Elements. Soil Mechanics and Foundation Engineering, 2018, 55, 127-133.	0.2	2
25	Case examples of some geotechnical applications. , 2019, , 167-191.		2
26	Modeling of Permeability in Stratified Sands Using a Wave-Propagation Method. International Journal of Geomechanics, 2018, 18, .	1.3	1
27	Miscellaneous methods. , 2019, , 77-86.		1
28	Analysis of the Effect of Plastic Waste Strips on Characteristics of Fine-Grained Soils. Lecture Notes in Civil Engineering, 2021, , 1-13.	0.3	0
29	Role of Soils and Its Trace Element Concentration on Human Dental Health: An Overview. Asian Journal of Water, Environment and Pollution, 2021, 18, 77-83.	0.4	0
30	Subsurface Characterization Using Drilling Process Monitoring. , 2011, , .		0