

# Anjan Patel

## List of Publications by Citations

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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	Towards sustainable bricks production: An overview. <i>Construction and Building Materials</i> , <b>2018</b> , 165, 112-125	6.75	110
28	Artificial neural network models for predicting electrical resistivity of soils from their thermal resistivity. <i>International Journal of Thermal Sciences</i> , <b>2010</b> , 49, 118-130	4.1	50
27	Stabilisation of black cotton soil for subgrade application using fly ash geopolymer. <i>Road Materials and Pavement Design</i> , <b>2020</b> , 21, 867-885	2.6	43
26	Mechanical Properties of Alkali Activated Fly Ash Geopolymer Stabilized Expansive Clay. <i>KSCE Journal of Civil Engineering</i> , <b>2019</b> , 23, 3875-3888	1.9	33
25	A Methodology for Determination of Resilient Modulus of Asphaltic Concrete. <i>Advances in Civil Engineering</i> , <b>2011</b> , 2011, 1-6	1.3	25
24	Application of shear wave velocity for characterizing clays from coastal regions. <i>KSCE Journal of Civil Engineering</i> , <b>2010</b> , 14, 307-321	1.9	21
23	Microplastics in Soils: An Environmental Geotechnics Perspective. <i>Environmental Geotechnics</i> , 1-30	1.2	20
22	Application of genetic expression programming and artificial neural network for prediction of CBR. <i>Road Materials and Pavement Design</i> , <b>2020</b> , 21, 1183-1200	2.6	17
21	An investigation on the particle breakage of Indian River sands. <i>Engineering Geology</i> , <b>2018</b> , 233, 23-37	6	17
20	Performance Analysis of Piezo-Ceramic Elements in Soils. <i>Geotechnical and Geological Engineering</i> , <b>2010</b> , 28, 681-694	1.5	13
19	Characterization of cavities in rocks using drilling parameters. <i>International Journal of Rock Mechanics and Minings Sciences</i> , <b>2013</b> , 63, 122-130	6	12
18	Application of Piezoceramic Elements for Determining Elastic Properties of Soils. <i>Geotechnical and Geological Engineering</i> , <b>2012</b> , 30, 407-417	1.5	12
17	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> , <b>2020</b> , 6, 1	2	12
16	Performance analysis of piezoceramic elements in soil: A review. <i>Sensors and Actuators A: Physical</i> , <b>2017</b> , 262, 46-63	3.9	11
15	Instrumentation for bender element testing of soils. <i>International Journal of Geotechnical Engineering</i> , <b>2008</b> , 2, 395-405	1.5	10
14	Utilization of Support Vector Models and Gene Expression Programming for Soil Strength Modeling. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 4301-4319	2.5	9
13	Mountain erosion and mitigation: global state of art. <i>Environmental Earth Sciences</i> , <b>2012</b> , 66, 1631-1639	2.9	9

12	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> , <b>2018</b> , 43, 1983-1999	2.5	8
11	Factors influencing the crushing strength of some Aegean sands. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2012</b> , 71, 529-536	4	7
10	An Empirical Relationship for Determining Shear Wave Velocity in Granular Materials Accounting for Grain Morphology. <i>Geotechnical Testing Journal</i> , <b>2009</b> , 32, 100796	1.3	6
9	A generalized relationship for estimating shear wave velocity in soils. <i>International Journal of Geotechnical Engineering</i> , <b>2009</b> , 3, 343-351	1.5	3
8	Numerical modelling of bender element test in soils. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2020</b> , 152, 107310	4.6	3
7	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> , <b>2020</b> , 157, 107676	4.6	2
6	Poisson's Ratio of Layered Soils at Different Confining Stresses Using Bender/Extender Elements. <i>Soil Mechanics and Foundation Engineering</i> , <b>2018</b> , 55, 127-133	0.7	2
5	Modeling of Permeability in Stratified Sands Using a Wave-Propagation Method. <i>International Journal of Geomechanics</i> , <b>2018</b> , 18, 04018023	3.1	1
4	Miscellaneous methods <b>2019</b> , 77-86		1
3	Role of Soils and Its Trace Element Concentration on Human Dental Health: An Overview. <i>Asian Journal of Water, Environment and Pollution</i> , <b>2021</b> , 18, 77-83	0.7	
2	Case examples of some geotechnical applications <b>2019</b> , 167-191		
1	Analysis of the Effect of Plastic Waste Strips on Characteristics of Fine-Grained Soils. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 1-13	0.3	