

D Singh

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.

289
papers

7,141
citations

45
h-index

73
g-index

302
ext. papers

8,136
ext. citations

3.7
avg, IF

6.42
L-index

#	Paper	IF	Citations
289	Shear Strength Characteristics of Frozen Fine Sands under Direct Shear Testing Conditions. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	2
288	Leachate characteristics: Potential indicators for monitoring various phases of municipal solid waste decomposition in a bioreactor landfill.. <i>Journal of Environmental Management</i> , 2022 , 309, 114683	7.9	1
287	Investigations on the influence of wellbore configuration and permeability anisotropy on the gas production from a turbidite hydrate reservoir of KG Basin. <i>Fuel</i> , 2022 , 317, 123562	7.1	1
286	A comprehensive methodology for determining buffering capacity of landfill-mined-soil-like-fractions.. <i>Science of the Total Environment</i> , 2022 , 155188	10.2	1
285	Investigations on characteristics of landfill-mined-soil-like-fractions and their dependency on organic matter. <i>Chemical Engineering Research and Design</i> , 2022 , 162, 795-812	5.5	0
284	DecoMSW: A Methodology to Assess Decomposition of Municipal Solid Waste for Initiation of Landfill Mining Activities. <i>Journal of Solid Waste Technology and Management</i> , 2021 , 47, 465-481	1.6	4
283	Investigation to Quantify Suction Characteristics of Marine Soil during Drying and Wetting Cycles. <i>Geotechnical Testing Journal</i> , 2021 , 44, 20190199	1.3	0
282	Effect of physico-chemico-biological and operational parameters on composting of organic fraction of municipal solid waste and gaseous products emission: review. <i>Environmental Technology Reviews</i> , 2021 , 10, 271-294	7.7	3
281	Neutralization of bauxite residues by gas purging. <i>Japanese Geotechnical Society Special Publication</i> , 2021 , 9, 268-271	0.2	
280	Design of mass burial sites for safe and dignified disposal of pandemic fatalities. <i>Environmental Geotechnics</i> , 2021 , 8, 208-216	1.2	1
279	Amelioration of Bauxite Residues by Sequential Slurry Carbonation. <i>Materials Performance and Characterization</i> , 2021 , 10, 20190240	0.5	
278	Geotechnical and geoenvironmental engineering education during the pandemic. <i>Environmental Geotechnics</i> , 2021 , 8, 233-243	1.2	1
277	Environmental geotechnics: challenges and opportunities in the post-Covid-19 world. <i>Environmental Geotechnics</i> , 2021 , 8, 172-192	1.2	11
276	Characterization and Utilization of Landfill-Mined-Soil-Like-Fractions (LFMSF) for Sustainable Development: A Critical Appraisal. <i>Waste and Biomass Valorization</i> , 2021 , 12, 641-662	3.2	16
275	Post Covid-19 water and waste water management to protect public health and geoenvironment. <i>Environmental Geotechnics</i> , 2021 , 8, 193-207	1.2	19
274	Discussion on 'Challenges, opportunities, and innovations for effective solid waste management during and post COVID-19 pandemic, by Sharma et al. (2020)'. <i>Resources, Conservation and Recycling</i> , 2021 , 164, 105175	11.9	13
273	Comments on "Incorporation of Xuan-paper waste residue in red mud/waste polyethylene composites". <i>Journal of Hazardous Materials</i> , 2021 , 404, 124164	12.8	2

272	Municipal solid waste management under Covid-19: challenges and recommendations. <i>Environmental Geotechnics</i> , 2021 , 8, 217-232	1.2	16
271	A critical review on thermal treatment technologies of combustible fractions from mechanical biological treatment plants. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105643	6.8	8
270	A methodology to establish freezing characteristics of partially saturated sands. <i>Cold Regions Science and Technology</i> , 2021 , 189, 103333	3.8	1
269	A case study on establishing the state of decomposition of municipal solid waste in a bioreactor landfill in India. <i>Waste Management and Research</i> , 2021 , 39, 1375-1388	4	4
268	Bio-mediated method for improving surface erosion resistance of clayey soils. <i>Engineering Geology</i> , 2021 , 293, 106295	6	9
267	A finite difference model for undefined end boundary to analyse the heat transfer in dry sands. <i>International Journal of Geotechnical Engineering</i> , 2020 , 1-7	1.5	0
266	Towards the Implementation of Circular Economy in the Wastewater Sector: Challenges and Opportunities. <i>Water (Switzerland)</i> , 2020 , 12, 1431	3	42
265	Investigations on biosorption and biogenic calcite precipitation in sands. <i>Soil Use and Management</i> , 2020 , 37, 772	3.1	3
264	Numerical Modelling of Gas Production from the Oceanic Gas Hydrate Reservoirs in Eastern Nankai Trough (AT1 site), Japan. <i>Environmental Geotechnics</i> , 2020 , 1-9	1.2	1
263	Bio-mediated soil improvement: The way forward. <i>Soil Use and Management</i> , 2020 , 36, 185-188	3.1	27
262	Application of Municipal Plastic Waste as a Manmade Neo-construction Material: Issues & Wayforward. <i>Resources, Conservation and Recycling</i> , 2020 , 161, 105008	11.9	21
261	Investigations on gas permeability in porous media. <i>Journal of Natural Gas Science and Engineering</i> , 2019 , 64, 81-92	4.6	9
260	Formation & dissociation of methane gas hydrates in sediments: A critical review. <i>Journal of Natural Gas Science and Engineering</i> , 2019 , 65, 168-184	4.6	48
259	Novel Techniques to Simulate and Monitor Contaminant-Geomaterial Interactions 2019 , 49, 2-36		4
258	Volume change characteristics of fine-grained soils due to sequential thermo-mechanical stresses. <i>Engineering Geology</i> , 2019 , 253, 47-54	6	5
257	A comprehensive review on the geomechanical properties of gas hydrate bearing sediments. <i>Marine and Petroleum Geology</i> , 2019 , 104, 270-285	4.7	46
256	Influence of microstructure on drying- and wetting-characteristics of fine-grained soils. <i>Geomechanics and Geoengineering</i> , 2019 , 14, 271-284	1.4	3
255	Centrifuge Modeling of Contaminant Transport in Geomaterials. <i>Environmental Science and Engineering</i> , 2019 , 164-171	0.2	

254	Photocatalytic Mechanisms for Peroxymonosulfate Activation through the Removal of Methylene Blue: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	8
253	Establishing Heat-Transfer Mechanisms in Dry Sands. <i>International Journal of Geomechanics</i> , 2018 , 18, 06017024	3.1	2
252	Investigations on magnetic characteristics of the soil and their influence on its dielectric response. <i>Applied Clay Science</i> , 2018 , 158, 113-122	5.2	3
251	Some investigations to quantify hysteresis associated with water retention behaviour of fine-grained soils. <i>Geomechanics and Geoengineering</i> , 2018 , 13, 264-275	1.4	4
250	Electrical analogy for modelling thermal regime and moisture distribution in sandy soils. <i>Geomechanics and Geoengineering</i> , 2018 , 13, 22-32	1.4	3
249	Effect of spatial variations and desiccation cracks on the DPHP and MPHP sensors. <i>Sensors and Actuators A: Physical</i> , 2018 , 279, 638-648	3.9	4
248	Evaluation of the Performance of TDR and Capacitance Techniques for Soil Moisture Measurement. <i>Geotechnical Testing Journal</i> , 2018 , 41, 20160240	1.3	1
247	Rheological Characteristics of Fine-Grained Soil-Slurries. <i>Journal of Testing and Evaluation</i> , 2018 , 46, 20170035	3	
246	Guidance for Investigating Calcite Precipitation by Urea Hydrolysis for Geomaterials. <i>Journal of Testing and Evaluation</i> , 2018 , 46, 20170122	1	13
245	Investigations on the Effects of Microorganisms on Coarse Grained Soil. <i>Sustainable Civil Infrastructures</i> , 2018 , 123-131	0.2	1
244	Direct Shear Testing Study of the Interface Behavior between Steel Plate and Compacted Completely Decomposed Granite under Different Vertical Stresses and Suctions. <i>Journal of Engineering Mechanics - ASCE</i> , 2018 , 144, 04017148	2.4	8
243	Water retention characteristics of swelling clays in different compaction states. <i>Geomechanics and Geoengineering</i> , 2018 , 13, 88-103	1.4	7
242	Assessment of Sulfate Radical-Based Advanced Oxidation Processes for Water and Wastewater Treatment: A Review. <i>Water (Switzerland)</i> , 2018 , 10, 1828	3	109
241	Complex-Fluid Approach for Determining Rheological Characteristics of Fine-Grained Soils and Clay Minerals. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018322	3	
240	Detection of thermal response of geomaterials: a critical appraisal. <i>Emerging Materials Research</i> , 2018 , 7, 178-191	1.4	1
239	Soil Radionuclide Interaction under Varied Experimental Conditions. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2017 , 21,	2.3	2
238	Determination of Thermal Regime in Sandy Soils: Mathematical Framework ATHERES. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017045	3.1	6
237	Laboratory Investigations on the Effects of Bacteria on Fine-Grained Soils. <i>Advanced Engineering Forum</i> , 2017 , 21, 352-357	0.2	1

236	Investigation on excess gas method for synthesis of methane gas hydrates. <i>Journal of Natural Gas Science and Engineering</i> , 2017 , 42, 203-215	4.6	7
235	Simulation of municipal solid waste degradation in aerobic and anaerobic bioreactor landfills. <i>Waste Management and Research</i> , 2017 , 35, 301-312	4	34
234	Compensation of temperature effects for in-situ soil moisture measurement by DPHP sensors. <i>Computers and Electronics in Agriculture</i> , 2017 , 141, 73-80	6.5	10
233	Evaluating Growth of Zeolites on Fly Ash in Hydro-Thermally Heated Low Alkaline Solution. <i>Journal of the Institution of Engineers (India): Series A</i> , 2017 , 98, 443-447	1	
232	Utilization of Dredged Sediments: Contemporary Issues. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2017 , 143, 04016025	1.7	21
231	Influence of Matric Suction and Counterface Roughness on Shearing Behavior of Completely Decomposed Granitic Soil and Steel Interface 2017 , 47, 150-160		8
230	Influences of Initial Water Content and Roughness on Skin Friction of Piles Using FBG Technique. <i>International Journal of Geomechanics</i> , 2017 , 17, 04016097	3.1	15
229	Investigations on Influence of Bio-Geo Interface on Suction Characteristics of Fine-Grained Soil. <i>Geotechnical and Geological Engineering</i> , 2017 , 35, 607-614	1.5	4
228	Stabilization of Fine-Grained Soils Against Desiccation Cracking Using Sustainable Materials. <i>Advances in Civil Engineering Materials</i> , 2017 , 6, 20160037	0.7	6
227	Contemporary Issues Related to Utilization of Industrial Byproducts. <i>Advances in Civil Engineering Materials</i> , 2017 , 6, 20160050	0.7	8
226	A methodology to determine thermal conductivity of soils from flux measurement. <i>Geomechanics and Geoengineering</i> , 2016 , 11, 73-85	1.4	16
225	Statistical Analysis for Prediction of Distribution Coefficient of Soil-Contaminant System. <i>Journal of Environmental Engineering, ASCE</i> , 2016 , 142, 04015054	2	7
224	From QTL to variety-harnessing the benefits of QTLs for drought, flood and salt tolerance in mega rice varieties of India through a multi-institutional network. <i>Plant Science</i> , 2016 , 242, 278-287	5.3	126
223	State-of-the-Art of Gas Hydrates and Relative Permeability of Hydrate Bearing Sediments. <i>Marine Georesources and Geotechnology</i> , 2016 , 34, 450-464	2.2	19
222	Applications of Fly Ash Zeolites: Case Studies. <i>Advanced Structured Materials</i> , 2016 , 191-202	0.6	4
221	Conventional Methods for Synthesis of Fly Ash Zeolites. <i>Advanced Structured Materials</i> , 2016 , 33-51	0.6	1
220	Novel Techniques for Synthesis and Characterization of Fly Ash Zeolites. <i>Advanced Structured Materials</i> , 2016 , 63-137	0.6	
219	Textural Alterations in Coal Fly Ash due to Alkali Activation. <i>Journal of Materials in Civil Engineering</i> , 2016 , 28, 04016126	3	21

218	Fly ash zeolites for water treatment applications. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 1460-1472	6.8	132
217	State-of-the-art on geotechnical engineering perspective on bio-mediated processes. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	19
216	Characterization of Sediments From the Sewage Disposal Lagoons for Sustainable Development. <i>Advances in Civil Engineering Materials</i> , 2016 , 5, 20150010	0.7	6
215	Utilization of Sustainable Materials for Soil Stabilization: State-of-the-Art. <i>Advances in Civil Engineering Materials</i> , 2016 , 5, 20150013	0.7	22
214	Application of Heat of Wetting for Determination of Soil-Specific Characteristics of Fine-Grained Soils. <i>Journal of Testing and Evaluation</i> , 2016 , 44, 20150308	1	2
213	Basics of Zeolites. <i>Advanced Structured Materials</i> , 2016 , 5-31	0.6	15
212	Mechanism of Zeolitization of Fly Ash. <i>Advanced Structured Materials</i> , 2016 , 53-62	0.6	2
211	Major Findings of the Three-Step Activation Technique. <i>Advanced Structured Materials</i> , 2016 , 139-189	0.6	
210	Path Ahead. <i>Advanced Structured Materials</i> , 2016 , 203-205	0.6	
209	Guidelines for Quantification of Geomaterial-Contaminant Interaction. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2016 , 20, 04015012	2.3	8
208	Fly Ash Zeolites. <i>Advanced Structured Materials</i> , 2016 ,	0.6	34
207	Effect of sample size on the fluid flow through a single fractured granitoid. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2016 , 8, 329-340	5.3	15
206	Interface Behavior from Suction-Controlled Direct Shear Test on Completely Decomposed Granitic Soil and Steel Surfaces. <i>International Journal of Geomechanics</i> , 2016 , 16,	3.1	32
205	A critical analysis of the performance of plate- and point-electrodes for determination of electrical properties of the soil mass. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 93, 552-562	4.6	7
204	Thermal instability of gas hydrate bearing sediments: Some issues. <i>Marine and Petroleum Geology</i> , 2015 , 67, 653-662	4.7	12
203	Characterization of Sediments for Sustainable Development: State of the Art. <i>Marine Georesources and Geotechnology</i> , 2015 , 33, 447-465	2.2	22
202	Application of the Taguchi Method in Establishing Criticality of Parameters that Influence Cracking Characteristics of Fine-Grained Soils. <i>Drying Technology</i> , 2015 , 33, 1138-1149	2.6	8
201	Physical properties, electrical resistivity, and strength characteristics of carbonated silty soil admixed with reactive magnesia. <i>Canadian Geotechnical Journal</i> , 2015 , 52, 1699-1713	3.2	50

200	Analyzing the effect of various soil properties on the estimation of soil specific surface area by different methods. <i>Applied Clay Science</i> , 2015 , 116-117, 129-140	5.2	16
199	Establishing two-stage interaction between fly ash and NaOH by X-ray and infrared analyses. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 216-221	5.8	10
198	Study of Sustainable Engineered Bioreactor Landfill (SEBL) for Small Communities. <i>Journal of Solid Waste Technology and Management</i> , 2015 , 41, 1-14	1.6	9
197	Laboratory Simulation of Flow through Single Fractured Granite. <i>Rock Mechanics and Rock Engineering</i> , 2015 , 48, 987-1000	5.7	69
196	A Modified Suction-Controlled Direct Shear Device for Testing Unsaturated Soil and Steel Plate Interface. <i>Marine Georesources and Geotechnology</i> , 2015 , 33, 289-298	2.2	21
195	Characterization of Na and Ca Zeolites Synthesized by Various Hydrothermal Treatments of Fly Ash. <i>Advances in Civil Engineering Materials</i> , 2015 , 4, 20140048	0.7	5
194	Synthesis and Characterization of Ca and Na Zeolites (Non-Pozzolanic Materials) Obtained From Fly Ash-Ca(OH) ₂ Interaction. <i>Materials Performance and Characterization</i> , 2015 , 4, 20140053	0.5	3
193	Simulating Flow through Fractures in a Rock Mass Using Analog Material. <i>International Journal of Geomechanics</i> , 2014 , 14, 8-19	3.1	21
192	A Generalized Relationship for Determination of Tensile Strength of Fine-Grained Soils from Shrinkage Characteristics. <i>Drying Technology</i> , 2014 , 32, 869-876	2.6	5
191	A critical review of soil moisture measurement. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 54, 92-105	4.6	229
190	Determination of distribution coefficient: a critical review. <i>International Journal of Environment and Waste Management</i> , 2014 , 14, 27	0.9	8
189	Establishing Sensitivity of Distribution Coefficient on Various Attributes of a Soil-Contaminant System. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2014 , 18, 64-75	2.3	11
188	Simulation of fabric in sedimented clays. <i>Applied Clay Science</i> , 2014 , 91-92, 117-126	5.2	21
187	A three step process for purification of fly ash zeolites by hydrothermal treatment. <i>Applied Clay Science</i> , 2014 , 90, 122-129	5.2	35
186	Engineering properties and microstructural characteristics of cement-stabilized zinc-contaminated kaolin. <i>Canadian Geotechnical Journal</i> , 2014 , 51, 289-302	3.2	218
185	Soil characterization for comprehending stability of geotechnical structures 2014 , 1661-1665		2
184	Application of X-Ray Diffraction Analysis for Determining Residual Stresses on Soil Particles Due to Thermal Treatment. <i>Journal of Testing and Evaluation</i> , 2014 , 42, 20130071	1	1
183	Quantification of Transitions Occurring in a Hydrothermally Activated Fly Ash. <i>Materials Performance and Characterization</i> , 2014 , 3, 20130033	0.5	

182	Determination of Crystallinity of Alkali Activated Flyash by XRD and FTIR Studies. <i>Springer Series in Geomechanics and Geoengineering</i> , 2013 , 477-481	0.1	3
181	Estimation of Tensile Strength of Soils from Penetration Resistance. <i>International Journal of Geomechanics</i> , 2013 , 13, 496-501	3.1	9
180	Soil Moisture Measurement System for DPHP Sensor and In Situ Applications 2013 ,		2
179	Investigation on Cracking Characteristics of Fine-Grained Soils Under Varied Environmental Conditions. <i>Drying Technology</i> , 2013 , 31, 1255-1266	2.6	35
178	Some studies on morphology of the coarse-grained soils. <i>Engineering Geology</i> , 2013 , 152, 48-55	6	17
177	Continuous determination of drying-path SWRC of fine-grained soils. <i>Geomechanics and Geoengineering</i> , 2013 , 8, 28-35	1.4	14
176	Closure to Critical Review of the Methodologies Employed for Soil Suction Measurement by S. Sreedeeep and Devendra N. Singh. <i>International Journal of Geomechanics</i> , 2013 , 13, 326-327	3.1	
175	Application of nanoindentation to establish influence of heat on soils. <i>Engineering Geology</i> , 2013 , 162, 14-21	6	5
174	Review of polymer-based sensors for agriculture-related applications. <i>Emerging Materials Research</i> , 2013 , 2, 166-180	1.4	25
173	Influence of Initial Water Content and Specimen Thickness on the SWCC of Fine-Grained Soils. <i>International Journal of Geomechanics</i> , 2013 , 13, 894-899	3.1	22
172	Laboratory studies to investigate the influence of thermal energy on soil-fabric. <i>Geomechanics and Geoengineering</i> , 2013 , 8, 209-214	1.4	9
171	Lysimetric studies for modelling radioactive contaminant transport in soils. <i>International Journal of Environment and Waste Management</i> , 2013 , 12, 318	0.9	4
170	Application of Laser Microscopy for Studying Crack Characteristics of Fine-Grained Soils. <i>Geotechnical Testing Journal</i> , 2013 , 36, 20120004	1.3	12
169	Synthesis of Higher Grade Fly Ash Zeolite X From Fly Ash via Three-Step Fusion. <i>Materials Performance and Characterization</i> , 2013 , 2, 20130016	0.5	2
168	Novel techniques for simulating and monitoring impact of contaminants on geoenvironment 2013 , 593-598		
167	Characterization of aeolian sands from Indian desert. <i>Engineering Geology</i> , 2012 , 139-140, 38-49	6	49
166	Permeability of the fractured rockmass A review 2012 , 635-640		1
165	Factors influencing the crushing strength of some Aegean sands. <i>Bulletin of Engineering Geology and the Environment</i> , 2012 , 71, 529-536	4	7

164	Rapid Chloride Ion Permeability of OPC- and PPC-Based Carbonated Concrete. <i>Journal of Materials in Civil Engineering</i> , 2012 , 24, 606-611	3	16
163	Establishing soil-water characteristic curve and determining unsaturated hydraulic conductivity of kaolin by ultracentrifugation and electrical measurements. <i>Canadian Geotechnical Journal</i> , 2012 , 49, 1369-1377 ⁹	3.2	9
162	Geotechnical Centrifuge Modeling of Chloride Diffusion through Soils. <i>International Journal of Geomechanics</i> , 2012 , 12, 327-332	3.1	4
161	A novel methodology for measuring the tensile strength of expansive clays. <i>Geomechanics and Geoengineering</i> , 2012 , 7, 15-25	1.4	12
160	Application of Piezoceramic Elements for Determining Elastic Properties of Soils. <i>Geotechnical and Geological Engineering</i> , 2012 , 30, 407-417	1.5	12
159	Influence of Drying and Wetting Cycles on SWCCs of Fine-Grained Soils. <i>Journal of Testing and Evaluation</i> , 2012 , 40, 104184	1	16
158	Critical Review of the Methodologies Employed for Soil Suction Measurement. <i>International Journal of Geomechanics</i> , 2011 , 11, 99-104	3.1	48
157	Advances in Instrumentation and Monitoring in Geotechnical Engineering. <i>Advances in Civil Engineering</i> , 2011 , 2011, 1-2	1.3	1
156	A Methodology for Determination of Resilient Modulus of Asphaltic Concrete. <i>Advances in Civil Engineering</i> , 2011 , 2011, 1-6	1.3	25
155	Shape and Significance of Feminine Beauty: An Evolutionary Perspective. <i>Sex Roles</i> , 2011 , 64, 723-731	3.1	56
154	Studies on the determination of swelling properties of soils from suction measurements. <i>Canadian Geotechnical Journal</i> , 2011 , 48, 375-387	3.2	37
153	Special Issue on Environmental Geotechnology: Contemporary Issues. <i>International Journal of Geomechanics</i> , 2011 , 11, 83-83	3.1	
152	Determining Residual Ammonia in Flue Gas Conditioned Fly Ashes and Its Influence on the Pozzolanic Activity. <i>Journal of Testing and Evaluation</i> , 2011 , 39, 103001	1	
151	Establishing Soil-Water Characteristic Curve of a Fine-Grained Soil from Electrical Measurements. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 751-754	3.4	9
150	Determination of distribution coefficient of geomaterials and immobilizing agents. <i>Canadian Geotechnical Journal</i> , 2010 , 47, 1139-1148	3.2	16
149	Application of thermal flux for establishing soil-water characteristic curve of kaolin. <i>Geomechanics and Geoengineering</i> , 2010 , 5, 259-266	1.4	10
148	Methodology for Determining Particle-Size Distribution Characteristics of Fly Ashes. <i>Journal of Materials in Civil Engineering</i> , 2010 , 22, 435-442	3	8
147	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

146	Performance Analysis of Piezo-Ceramic Elements in Soils. <i>Geotechnical and Geological Engineering</i> , 2010 , 28, 681-694	1.5	13
145	Cross-cultural consensus for waist:hip ratio and women's attractiveness. <i>Evolution and Human Behavior</i> , 2010 , 31, 176-181	4	107
144	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
143	Optimal waist-to-hip ratios in women activate neural reward centers in men. <i>PLoS ONE</i> , 2010 , 5, e9042	3.7	66
142	Application of Impedance Spectroscopy for Determining Fabric Anisotropy of Fine-Grained Soils. <i>Journal of Testing and Evaluation</i> , 2010 , 38, 102624	1	2
141	Artificial neural network (ANN) models for determining hydraulic conductivity of compacted fine-grained soils. <i>Canadian Geotechnical Journal</i> , 2009 , 46, 955-968	3.2	48
140	A generalized relationship for estimating shear wave velocity in soils. <i>International Journal of Geotechnical Engineering</i> , 2009 , 3, 343-351	1.5	3
139	A Methodology for Simulating Radionuclide Diffusion in Unsaturated Soils. <i>Geotechnical and Geological Engineering</i> , 2009 , 27, 13-21	1.5	9
138	Application of In-situ Lysimetric Studies for Determining Soil Hydraulic Conductivity. <i>Geotechnical and Geological Engineering</i> , 2009 , 27, 595-606	1.5	2
137	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
136	A Critical Review of the Methodologies Employed for Determination of Tensile Strength of Fine-Grained Soils. <i>Journal of Testing and Evaluation</i> , 2009 , 37, 101989	1	4
135	The Effect of Dual Flue Gas Conditioning on Fly Ash Characteristics. <i>Journal of Testing and Evaluation</i> , 2009 , 37, 102267	1	1
134	A novel technique for studying diffusion of contaminants in fine-grained soils. <i>Geomechanics and Geoengineering</i> , 2008 , 3, 199-209	1.4	4
133	Instrumentation for bender element testing of soils. <i>International Journal of Geotechnical Engineering</i> , 2008 , 2, 395-405	1.5	10
132	Comparison of Methods for Determining Specific-surface Area of Fine-grained Soils. <i>Geotechnical and Geological Engineering</i> , 2008 , 26, 121-132	1.5	70
131	Artificial neural network models for predicting soil thermal resistivity. <i>International Journal of Thermal Sciences</i> , 2008 , 47, 1347-1358	4.1	70
130	Flue gas conditioning for reducing suspended particulate matter from thermal power stations. <i>Progress in Energy and Combustion Science</i> , 2008 , 34, 685-695	33.6	48
129	Influence of flue gas conditioning on fly ash characteristics. <i>Fuel</i> , 2008 , 87, 3216-3222	7.1	16

128	Some Investigations for Establishing Suitability of Watson's Strength-Porosity Model for Concrete. <i>Journal of ASTM International</i> , 2008 , 5, 101345		1
127	Determination of Diffusion Characteristics of Intact Rock Mass: A Critical Evaluation. <i>Geotechnical Testing Journal</i> , 2008 , 31, 101514	1.3	
126	Beauty is in the eye of the plastic surgeon: Waist-Hip ratio (WHR) and women's attractiveness. <i>Personality and Individual Differences</i> , 2007 , 43, 329-340	3.3	52
125	A generalized methodology for determination of crushing strength of granular materials. <i>Geotechnical and Geological Engineering</i> , 2007 , 25, 203-213	1.5	14
124	Studies on the determination of shear wave velocity in sands. <i>Geomechanics and Geoengineering</i> , 2007 , 2, 41-49	1.4	24
123	Application of impedance spectroscopy for modeling flow of AC in soils. <i>Geomechanics and Geoengineering</i> , 2007 , 2, 197-206	1.4	20
122	Did the perils of abdominal obesity affect depiction of feminine beauty in the sixteenth to eighteenth century British literature? Exploring the health and beauty link. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 891-4	4.4	12
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