Nilo Cesar Consoli

List of Publications by Citations

194 papers	5,440 citations	42 h-index	68 g-index
208 ext. papers	6,417 ext. citations	3 avg, IF	6.09 L-index

#	Paper	IF	Citations
194	Key Parameters for Strength Control of Artificially Cemented Soils. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2007**, 133, 197-205	3.4	288
193	Influence of Fiber and Cement Addition on Behavior of Sandy Soil. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **1998**, 124, 1211-1214	3.4	235
192	Engineering Behavior of a Sand Reinforced with Plastic Waste. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2002**, 128, 462-472	3.4	195
191	Characterization of Cemented Sand in Triaxial Compression. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2001**, 127, 857-868	3.4	189
190	Fiber reinforcement effects on sand considering a wide cementation range. *Geotextiles and Geomembranes*, **2009**, 27, 196-203	5.2	188
189	Parameters Controlling Tensile and Compressive Strength of Artificially Cemented Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2010**, 136, 759-763	3.4	129
188	Effect of fiber-reinforcement on the strength of cemented soils. *Geotextiles and Geomembranes*, **2010**, 28, 344-351	5.2	126
187	Behavior of Compacted Soil-Fly Ash-Carbide Lime Mixtures. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2001**, 127, 774-782	3.4	126
186	Isotropic yielding in an artificially cemented soil cured under stress. *Geotechnique*, **2003**, 53, 493-501	3.4	116
185	Influence of curing under stress on the triaxial response of cemented soils. *Geotechnique*, **2000**, 50, 99-105	3.4	103
184	Key Parameters for the Strength Control of Lime Stabilized Soils. *Journal of Materials in Civil Engineering*, **2009**, 21, 210-216	3	97
183	Effect of Microreinforcement of Soils from Very Small to Large Shear Strains. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2005**, 131, 1024-1033	3.4	96
182	Parameters controlling stiffness and strength of artificially cemented soils. *Geotechnique*, **2012**, 62, 177-183	3.4	94
181	Performance of a fibre-reinforced sand at large shear strains. *Geotechnique*, **2007**, 57, 751-756	3.4	93
180	Plate Load Test on Fiber-Reinforced Soil. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2003**, 129, 951-955	3.4	93
179	Fundamental Parameters for the Stiffness and Strength Control of Artificially Cemented Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2009**, 135, 1347-1353	3.4	88
178	Behavior of Plate Load Tests on Soil Layers Improved with Cement and Fiber. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2003**, 129, 96-101	3.4	88

177	The mechanics of fibre-reinforced sand. *Geotechnique*, **2010**, 60, 791-799	3.4	85
176	Fibre-reinforced cemented soils compressive and tensile strength assessment as a function of filament length. *Geotextiles and Geomembranes*, **2017**, 45, 77-82	5.2	83
175	Variables Governing Strength of Compacted Soil□Fly Ash□Lime Mixtures. *Journal of Materials in Civil Engineering*, **2011**, 23, 432-440	3	80
174	Water content, porosity and cement content as parameters controlling strength of artificially cemented silty soil. *Engineering Geology*, **2011**, 122, 328-333	6	78
173	Effect of Fiber Reinforcement on the Isotropic Compression Behavior of a Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2005**, 131, 1434-1436	3.4	75
172	Interpretation of Plate Load Tests on Residual Soil Site. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **1998**, 124, 857-867	3.4	70
171	Influence of Cement-Voids Ratio on Stress-Dilatancy Behavior of Artificially Cemented Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2012**, 138, 100-109	3.4	66
170	Shear Strength Behavior of Fiber-Reinforced Sand Considering Triaxial Tests under Distinct Stress Paths. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2007**, 133, 1466-1469	3.4	66
169	Variables Controlling Stiffness and Strength of Lime-Stabilized Soils. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2011**, 137, 628-632	3.4	65
168	Key parameters dictating strength of lime/cement-treated soils. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2009**, 162, 111-118	0.9	60
167	Behavior of a Fiber-Reinforced Bentonite at Large Shear Displacements. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2006**, 132, 1505-1508	3.4	59
166	Strain-hardening behaviour of fibre-reinforced sand in view of filament geometry. *Geosynthetics International*, **2009**, 16, 109-115	3.3	58
165	Split tensile strength of monofilament polypropylene fiber-reinforced cemented sandy soils. *Geosynthetics International*, **2011**, 18, 57-62	3.3	57
164	Parameters Controlling Tensile and Compressive Strength of Fiber-Reinforced Cemented Soil. *Journal of Materials in Civil Engineering*, **2013**, 25, 1568-1573	3	56
163	Cyclic shear response of fibre-reinforced cemented paste backfill. *Geotechnique Letters*, **2013**, 3, 5-12	1.7	55
162	Circular footings on a cemented layer above weak foundation soil. *Canadian Geotechnical Journal*, **2005**, 42, 1569-1584	3.2	54
161	Studies on the Dosage of Fiber-Reinforced Cemented Soils. *Journal of Materials in Civil Engineering*, **2011**, 23, 1624-1632	3	53
160	Effect of relative density on plate loading tests on fibre-reinforced sand. *Geotechnique*, **2009**, 59, 471-476	3.4	51

159	Plate Load Tests on Cemented Soil Layers Overlaying Weaker Soil. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2009**, 135, 1846-1856	3.4	50
158	Theoretical Derivation of Artificially Cemented Granular Soil Strength. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2017**, 143, 04017003	3.4	49
157	Variables Controlling Strength of Artificially Cemented Sand: Influence of Curing Time. *Journal of Materials in Civil Engineering*, **2011**, 23, 692-696	3	48
156	An experimental investigation of the behaviour of artificially cemented soil cured under stress. *Geotechnique*, **2008**, 58, 675-679	3.4	46
155	Strength Properties of Sandy Soil–Cement Admixtures. *Geotechnical and Geological Engineering*, **2009**, 27, 681-686	1.5	45
154	A unique relationship determining strength of silty/clayey soils–Portland cement mixes. *Soils and Foundations*, **2016**, 56, 1082-1088	2.9	45
153	Durability, Strength, and Stiffness of Green Stabilized Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2018**, 144, 04018057	3.4	44
152	Porosity-Cement Ratio Controlling Strength of Artificially Cemented Clays. *Journal of Materials in Civil Engineering*, **2011**, 23, 1249-1254	3	41
151	Modelling tensile/compressive strength ratio of fibre reinforced cemented soils. *Geotextiles and Geomembranes*, **2018**, 46, 155-165	5.2	41
150	Key parameters for strength control of rammed sand–cement mixtures: Influence of types of portland cement. *Construction and Building Materials*, **2013**, 49, 591-597	6.7	40
149	Physical–Mineralogical–Chemical Characterization of Carbide Lime: An Environment-Friendly Chemical Additive for Soil Stabilization. *Journal of Materials in Civil Engineering*, **2018**, 30, 06018004	3	36
148	Durability, Strength, and Stiffness of Dispersive Clay–Lime Blends. *Journal of Materials in Civil Engineering*, **2016**, 28, 04016124	3	35
147	Key parameters for tensile and compressive strength of silt–lime mixtures. *Geotechnique Letters*, **2012**, 2, 81-85	1.7	35
146	Modelling tensile/compressive strength ratio of artificially cemented clean sand. *Soils and Foundations*, **2018**, 58, 199-211	2.9	34
145	Voids/Cement Ratio Controlling Tensile Strength of Cement-Treated Soils. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2011**, 137, 1126-1131	3.4	34
144	Broad-Spectrum Empirical Correlation Determining Tensile and Compressive Strength of Cement-Bonded Clean Granular Soils. *Journal of Materials in Civil Engineering*, **2017**, 29, 06017004	3	33
143	Durability and strength of fiber-reinforced compacted gold tailings-cement blends. *Geotextiles and Geomembranes*, **2017**, 45, 98-102	5.2	33
142	Porosity/cement ratio controlling initial bulk modulus and incremental yield stress of an artificially cemented soil cured under stress. *Geotechnique Letters*, **2014**, 4, 22-26	1.7	33

141	Control factors for the long term compressive strength of lime treated sandy clay soil. *Transportation Geotechnics*, **2014**, 1, 129-136	4	32
140	Field Tests on Laterally Loaded Rigid Piles in Cement Treated Soils. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2015**, 141, 06015003	3.4	32
139	Mohr□Coulomb failure envelopes of lime-treated soils. *Geotechnique*, **2014**, 64, 165-170	3.4	31
138	Variables controlling strength of fibre-reinforced cemented soils. *Proceedings of the Institution of Civil Engineers: Ground Improvement*, **2013**, 166, 221-232	1	30
137	Influence of Molding Moisture Content and Porosity/Cement Index on Stiffness, Strength, and Failure Envelopes of Artificially Cemented Fine-Grained Soils. *Journal of Materials in Civil Engineering*, **2017**, 29, 04016277	3	29
136	Loading tests on compacted soil, bottom-ash and lime layers. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2008**, 161, 29-38	0.9	29
135	Accelerated Mix Design of Lime Stabilized Materials. *Journal of Materials in Civil Engineering*, **2016**, 28, 06015012	3	28
134	High-Pressure Isotropic Compression Tests on Fiber-Reinforced Cemented Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2010**, 136, 885-890	3.4	28
133	Use of Sustainable Binders in Soil Stabilization. *Journal of Materials in Civil Engineering*, **2019**, 31, 06018023	3	28
132	Coal fly ash□arbide lime bricks: An environment friendly building product. *Construction and Building Materials*, **2014**, 69, 301-309	6.7	27
131	Greening stabilized rammed earth: devising more sustainable dosages based on strength controlling equations. *Journal of Cleaner Production*, **2014**, 66, 19-26	10.3	26
130	A method proposed for the assessment of failure envelopes of cemented sandy soils. *Engineering Geology*, **2014**, 169, 61-68	6	25
129	Impact of Severe Climate Conditions on Loss of Mass, Strength, and Stiffness of Compacted Fine-Grained Soils□Portland Cement Blends. *Journal of Materials in Civil Engineering*, **2018**, 30, 04018174	3	25
128	Compacted clay-industrial wastes blends: Long term performance under extreme freeze-thaw and wet-dry conditions. *Applied Clay Science*, **2017**, 146, 404-410	5.2	22
127	Coal Bottom Ash as a Geomaterial: Influence of Particle Morphology on the Behavior of Granular Materials. *Soils and Foundations*, **2007**, 47, 361-373	2.9	22
126	A testing procedure for predicting strength in artificially cemented soft soils. *Engineering Geology*, **2015**, 195, 327-334	6	21
125	Durability Assessment of Soil-Pozzolan-Lime Blends through Ultrasonic-Pulse Velocity Test. *Journal of Materials in Civil Engineering*, **2020**, 32, 04020223	3	21
124	Durability, strength, and stiffness of compacted gold tailings □cement mixes. *Canadian Geotechnical Journal*, **2018**, 55, 486-494	3.2	21

123	Effect of Curing Temperature on the Strength of Sand, Coal Fly Ash, and Lime Blends. *Journal of Materials in Civil Engineering*, **2014**, 26, 06014015	3	21
122	Uplift behavior of plates embedded in fiber-reinforced cement stabilized backfill. *Geotextiles and Geomembranes*, **2012**, 35, 107-111	5.2	21
121	Uplift of shallow foundations with cement-stabilised backfill. *Proceedings of the Institution of Civil Engineers: Ground Improvement*, **2008**, 161, 103-110	1	20
120	A practical methodology for the determination of failure envelopes of fiber-reinforced cemented sands. *Geotextiles and Geomembranes*, **2013**, 41, 50-54	5.2	19
119	On the Strength of Fibre-Reinforced Soils. *Soils and Foundations*, **2011**, 51, 601-609	2.9	19
118	Life cycle assessment for soil stabilization dosages: A study for the Paraguayan Chaco. *Journal of Cleaner Production*, **2016**, 139, 309-318	10.3	19
117	A general relationship to estimate strength of fibre-reinforced cemented fine-grained soils. *Geosynthetics International*, **2017**, 24, 435-441	3.3	18
116	Effect of Mellowing and Coal Fly Ash Addition on Behavior of Sulfate-Rich Dispersive Clay after Lime Stabilization. *Journal of Materials in Civil Engineering*, **2019**, 31, 04019071	3	15
115	Single model establishing strength of dispersive clay treated with distinct binders. *Canadian Geotechnical Journal*, **2016**, 53, 2072-2079	3.2	15
114	Uplift Performance of Anchor Plates Embedded in Cement-Stabilized Backfill. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2013**, 139, 511-517	3.4	15
113	Failure envelope of artificially cemented sand. *Geotechnique*, **2012**, 62, 543-547	3.4	15
112	Salts accelerating strength increase of coal fly ash□arbide lime compacted blends. *Geotechnique Letters*, **2016**, 6, 23-27	1.7	14
111	Strength and Stiffness of Ground Waste Glass□arbide Lime Blends. *Journal of Materials in Civil Engineering*, **2019**, 31, 06019010	3	14
110	Influence of grain size and mineralogy on the porosity/cement ratio. *Geotechnique Letters*, **2013**, 3, 130-136	1.7	14
109	Enhancement of strength of coal fly ash□arbide lime blends through chemical and mechanical activation. *Construction and Building Materials*, **2017**, 157, 65-74	6.7	13
108	Modelling the influence of density, curing time, amounts of lime and sodium chloride on the durability of compacted geopolymers monolithic walls. *Construction and Building Materials*, **2017**, 136, 65-72	6.7	12
107	Effect of material properties on the behaviour of sand?cement?fibre composites. *Ground Improvement*, **2004**, 8, 77-90		12
106	Eggshell Produced Limes: Innovative Materials for Soil Stabilization. *Journal of Materials in Civil Engineering*, **2020**, 32, 06020018	3	12

105	Recycling and Application of Mine Tailings in Alkali-Activated Cements and Mortars: Strength Development and Environmental Assessment. *Applied Sciences (Switzerland)*, **2020**, 10, 2084	2.6	11
104	Key parameters controlling dynamic modulus of crushed reclaimed asphalt paving–powdered rock–Portland cement blends. *Road Materials and Pavement Design*, **2018**, 19, 1716-1733	2.6	11
103	Influence of Particle Morphology on the Hydraulic Behavior of Coal Ash and Sand. *Geotechnical and Geological Engineering*, **2010**, 28, 325-335	1.5	11
102	Ground waste glass–carbide lime as a sustainable binder stabilising three different silica sands. *Geotechnique*, **2021**, 71, 480-493	3.4	11
101	The effects of curing time and temperature on stiffness, strength and durability of sand-environment friendly binder blends. *Soils and Foundations*, **2019**, 59, 1428-1439	2.9	11
100	Assessing Failure Envelopes of Soil–Fly Ash–Lime Blends. *Journal of Materials in Civil Engineering*, **2015**, 27, 04014174	3	10
99	Mechanical Behavior of Soil Cement Blends with Osorio Sand. *Procedia Engineering*, **2016**, 143, 75-81		10
98	Short- and long-term effects of sodium chloride on strength and durability of coal fly ash stabilized with carbide lime. *Canadian Geotechnical Journal*, **2019**, 56, 1929-1939	3.2	10
97	Behaviour of cement-stabilised silty sands subjected to harsh environmental conditions. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2020**, 173, 40-48	0.9	10
96	Effect of Sodium Chloride and Fibre-Reinforcement on the Durability of Sand–Coal Fly Ash–Lime Mixes Subjected to Freeze–Thaw Cycles. *Geotechnical and Geological Engineering*, **2019**, 37, 107-120	1.5	9
95	Devising dosages for soil–fly ash–lime blends based on tensile strength controlling equations. *Construction and Building Materials*, **2014**, 55, 238-245	6.7	9
94	Experimental Evidences of the Effect of Fibres in Reinforcing a Sandy Gravel. *Geotechnical and Geological Engineering*, **2012**, 30, 75-83	1.5	9
93	Testing Cement Improved Residual Soil Layers. *Journal of Materials in Civil Engineering*, **2014**, 26, 544-550	3	9
92	Influence of sodium chloride on leaching behavior of fly ash stabilized with carbide lime. *Construction and Building Materials*, **2019**, 227, 116571	6.7	8
91	Key Parameter for Swelling Control of Compacted Expansive Fine-Grained Soil–Lime Blends. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2020**, 146, 06020012	3.4	8
90	Field and Laboratory Investigation of Highly Organic Clay Stabilized with Portland Cement. *Journal of Materials in Civil Engineering*, **2020**, 32, 04020063	3	8
89	The impact of dry unit weight and cement content on the durability of sand–cement blends. *Proceedings of the Institution of Civil Engineers: Ground Improvement*, **2018**, 171, 96-102	1	8
88	A theoretical–experimental approach to elastic and strength properties of artificially cemented sand. *Computers and Geotechnics*, **2014**, 62, 40-50	4.4	8

87	A Sole Empirical Correlation Expressing Strength of Fine-Grained Soils - Lime Mixtures. *Soils and Rocks*, **2017**, 40, 147-153	0.9	8
86	A new approach for stabilization of lateritic soil with Portland cement and sand: strength and durability. *Acta Geotechnica*, **2021**, 16, 1473-1486	4.9	8
85	Compacted Chalk Putty□Cement Blends: Mechanical Properties and Performance. *Journal of Materials in Civil Engineering*, **2018**, 30, 04017266	3	8
84	Sodium chloride as a catalyser for crushed reclaimed asphalt pavement □Fly ash □Carbide lime blends. *Transportation Geotechnics*, **2018**, 15, 13-19	4	7
83	Energy efficiency of fibre reinforced soil formation at small element scale: Laboratory and numerical investigation. *Geotextiles and Geomembranes*, **2018**, 46, 497-510	5.2	7
82	Circular-Plate Load Tests on Bounded Cemented Layers above Weak Cohesive-Frictional Soil. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2019**, 145, 06019011	3.4	7
81	Effect of polypropylene fibers on the uplift behavior of model footings embedded in sand. *Geosynthetics International*, **2012**, 19, 79-84	3.3	7
80	Parameters Controlling Strength of Industrial Waste-Lime Amended Soil. *Soils and Foundations*, **2011**, 51, 265-273	2.9	7
79	Durability of RAP-Industrial Waste Mixtures Under Severe Climate Conditions. *Soils and Rocks*, **2018** , 41, 149-156	0.9	7
78	The effects of porosity, asphalt content and fiberglass incorporation on the tensile strength and resilient modulus of asphalt concrete blends. *Geotextiles and Geomembranes*, **2021**, 49, 864-870	5.2	7
77	Behavior of Soil□Fly Ash□Lime Blends under Different Curing Temperatures. *Procedia Engineering*, **2016**, 143, 220-228		7
76	Parameters controlling cyclic behaviour of cement-treated sand. *Transportation Geotechnics*, **2021**, 27, 100488	4	7
75	Technical and environmental performance of eggshell lime for soil stabilization. *Construction and Building Materials*, **2021**, 298, 123648	6.7	7
74	Coal Fly Ash□Carbide Lime Admixtures as an Alternative to Concrete Masonry Blocks: Influence of Ash Grounds. *Journal of Materials in Civil Engineering*, **2017**, 29, 04016224	3	6
73	The strength of soil□Industrial by-products□Lime blends. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2013**, 166, 431-440	0.9	6
72	Compacted artificially cemented soil-acid leachate contaminant interactions: breakthrough curves and transport parameters. *Journal of Hazardous Materials*, **2008**, 155, 269-76	12.8	6
71	Field and laboratory behaviour of fine-grained soil stabilized with lime. *Canadian Geotechnical Journal*, **2020**, 57, 933-938	3.2	6
70	Green Stabilization of Bauxite Tailings: Mechanical Study on Alkali-Activated Materials. *Journal of Materials in Civil Engineering*, **2021**, 33, 06021007	3	6

69	Strategies for Developing More Sustainable Dosages for Soil–Coal Fly Ash–Lime Blends. *Journal of Materials in Civil Engineering*, **2016**, 28, 04016130	3	5
68	Portland Cement Stabilization of Soil–Bentonite for Vertical Cutoff Walls Against Diesel Oil Contaminant. *Geotechnical and Geological Engineering*, **2010**, 28, 361-371	1.5	5
67	Stabilization of gold mining tailings with alkali-activated carbide lime and sugarcane bagasse ash. *Transportation Geotechnics*, **2022**, 32, 100704	4	5
66	Mechanical and Environmental Performance of Eggshell Lime for Expansive Soils Improvement. *Transportation Geotechnics*, **2021**, 31, 100681	4	5
65	Durability of reclaimed asphalt pavement–coal fly ash–carbide lime blends under severe environmental conditions. *Road Materials and Pavement Design*, **2020**, 21, 557-569	2.6	5
64	Porosity/Cement Index Controlling Flexural Tensile Strength of Artificially Cemented Soils in Brazil. *Geotechnical and Geological Engineering*, **2020**, 38, 713-722	1.5	5
63	Sustainable Binders Stabilizing Dispersive Clay. *Journal of Materials in Civil Engineering*, **2021**, 33, 06020026	3	5
62	Parameters controlling loss of mass and stiffness degradation of green stabilized bauxite tailings. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*,1-21	0.9	5
61	Mechanical Properties of Alkali-Activated Ground Waste Glass–Carbide Lime Blends for Geotechnical Uses. *Journal of Materials in Civil Engineering*, **2021**, 33, 04021284	3	5
60	Crosswise-loaded pile tests on residual soil site. *Geotechnique Letters*, **2016**, 6, 216-220	1.7	4
59	Engineering Properties of Fibrous Paper Mill Sludge from Southern Brazil. *Journal of Materials in Civil Engineering*, **2011**, 23, 1346-1352	3	4
58	Statistical Analysis of the Influence of Curing Time and Temperature on Compressive Strength of Sandy Soil Stabilized with Sustainable Binder. *Journal of Testing and Evaluation*, **2020**, 48, 20180763	1	4
57	Spread footings bearing on circular and square cement-stabilized sand layers above weakly bonded residual soil. *Soils and Rocks*, **2020**, 43, 339-349	0.9	4
56	Increasing density and cement content in stabilization of expansive soils: Conflicting or complementary procedures for reducing swelling?. *Canadian Geotechnical Journal*, **2021**, 58, 866-878	3.2	4
55	Durability evaluation of reclaimed asphalt pavement, ground glass and carbide lime blends based on unconfined compression tests. *Transportation Geotechnics*, **2021**, 27, 100461	4	4
54	Fatigue Life of Green Stabilized Fiber-Reinforced Sulfate-Rich Dispersive Soil. *Journal of Materials in Civil Engineering*, **2021**, 33, 04021249	3	4
53	Lime–Ground Glass–Sodium Hydroxide as an Enhanced Sustainable Binder Stabilizing Silica Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2021**, 147, 06021011	3.4	4
52	On Porous Bonded Residual Soil in Natural and Dynamically Compacted States Through Plate Load Tests. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2020**, 146, 06020011	3.4	3

51	Copper slag–hydrated lime–Portland cement stabilised marine-deposited clay. *Proceedings of the Institution of Civil Engineers: Ground Improvement*, **2019**, 1-13	1	3
50	Crosswise-loaded short and long piles in artificially cemented top sand layers embedded in lightly bonded residual soil. *Soils and Foundations*, **2017**, 57, 935-946	2.9	3
49	On the Durability and Strength of Compacted Coal Fly Ash-Carbide Lime Blends. *Soils and Rocks*, **2017**, 40, 155-161	0.9	3
48	Development of a Cyclic Simple Shear Apparatus. *Soils and Rocks*, **2017**, 40, 279-289	0.9	3
47	Spread Footings on Green Stabilized Sand Layers over Weakly Bonded Residual Soil. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2020**, 146, 06020022	3.4	3
46	General relationships controlling loss of mass, stiffness and strength of sustainable binders amended sand. *Transportation Geotechnics*, **2021**, 27, 100473	4	3
45	Swelling prediction for green stabilized fiber-reinforced sulfate-rich dispersive soils. *Geosynthetics International*, **2021**, 28, 391-401	3.3	3
44	Key parameters controlling strength and resilient modulus of a stabilised dispersive soil. *Road Materials and Pavement Design*,1-16	2.6	3
43	Mohr–Coulomb failure envelopes of lime-treated soils. *Geotechnique*, **2015**, 65, 866-868	3.4	2
42	Field tests of laterally loaded flexible piles in soil with top cement-treated layers. *Proceedings of the Institution of Civil Engineers: Ground Improvement*, **2018**, 171, 174-182	1	2
41	Behavior of Vertical Hydraulic Barriers Composed by Sandy Soil, Bentonite, and Cement Subjected to Alkaline Contaminants **2010**,		2
40	Mathematical model for isotropic compression behaviour of cemented soil cured under stress. *Geomechanics and Geoengineering*, **2007**, 2, 269-280	1.4	2
39	Closure to "Behavior of a Fiber-Reinforced Bentonite at Large Shear Displacements" by Michèle Dal Toé Casagrande, Matthew Richard Coop, and Nilo Cesar Consoli. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2007**, 133, 1635-1636	3.4	2
38	Behavior of Five Large Spread Footings in Sand. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2000**, 126, 940-942	3.4	2
37	The Effect of Key Parameters on the Strength of a Dispersive Soil Stabilized with Sustainable Binders. *Geotechnical and Geological Engineering*, **2021**, 39, 5395-5404	1.5	2
36	Bearing capacity of footings on an artificially cemented layer above weak foundation soil. *Proceedings of the Institution of Civil Engineers: Ground Improvement*, **2021**, 174, 1-16	1	2
35	Experimental assessment of the small-strain response of residual soil under monotonic and cyclic loading. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*,1-14	0.9	2
34	Compacted Ground Glass Particles–Carbide Lime Blends: An Environment Friendly Material. *Geotechnical and Geological Engineering*, **2021**, 39, 3207-3219	1.5	2

33	Stiffness of lightly cemented sand under multiaxial loading. *E3S Web of Conferences*, **2019**, 92, 11008	0.5	1
32	Effects of curing stress on the stiffness of a cement-mixed sand. *E3S Web of Conferences*, **2019**, 92, 04006	0.5	1
31	Behaviour of fibre-reinforced cemented sand under flexural tensile stress. *E3S Web of Conferences*, **2019**, 92, 12005	0.5	1
30	Study of Mechanical Behavior of a Sand Soil Reinforced with Curaua Treated Fibers with Asphalt. *Materials Science Forum*, **2012**, 730-732, 319-324	0.4	1
29	Mechanical Behavior of Curaua Treated Fiber-Reinforced Sand. *Materials Science Forum*, **2012**, 730-732, 355-360	0.4	1
28	Discussion: Loading Tests on Circular and Ring Plates in Very Dense Cemented Sands. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **1997**, 123, 990-991	3.4	1
27	Discussion of Geotechnical Properties of Fly and Bottom Ash Mixtures for Use in Highway Embankments by Bumjoo Kim, Monica Prezzi, and Rodrigo Salgado. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2007**, 133, 902-903	3.4	1
26	Behaviour of Compacted Filtered Iron Ore Tailings Portland Cement Blends: New Brazilian Trend for Tailings Disposal by Stacking. *Applied Sciences (Switzerland)*, **2022**, 12, 836	2.6	1
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