

# Nilo Cesar Consoli

## 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.

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 | Behaviour of Compacted Filtered Iron Ore Tailings/Portland Cement Blends: New Brazilian Trend for Tailings Disposal by Stacking. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 836                  | 2.6 | 1         |
| 193 | Social and environmental assessments of Eco-friendly Pavement alternatives. <i>Construction and Building Materials</i> , <b>2022</b> , 325, 126736  | 6.7 | 0         |
| 192 | Stabilization of gold mining tailings with alkali-activated carbide lime and sugarcane bagasse ash. <i>Transportation Geotechnics</i> , <b>2022</b> , 32, 100704  | 4   | 5         |
| 191 | Leaching assessment of cemented bauxite tailings through wetting and drying cycles of durability test.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1                                   | 5.1 | 1         |
| 190 | Live-Scale Testing of Granular Materials Stabilized with Alkali-Activated Waste Glass and Carbide Lime. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 11286   | 2.6 | 1         |
| 189 | Mechanical and Environmental Performance of Eggshell Lime for Expansive Soils Improvement. <i>Transportation Geotechnics</i> , <b>2021</b> , 31, 100681   | 4   | 5         |
| 188 | Stiffness and strength of an artificially cemented sand cured under stress. <i>Granular Matter</i> , <b>2021</b> , 23, 1  | 2.6 | 1         |
| 187 | The Effect of Heavy Tamping on Structured Residual Clay Site. <i>Geotechnical and Geological Engineering</i> , <b>2021</b> , 39, 5365-5374  | 1.5 |           |
| 186 | The Effect of Key Parameters on the Strength of a Dispersive Soil Stabilized with Sustainable Binders. <i>Geotechnical and Geological Engineering</i> , <b>2021</b> , 39, 5395-5404                             | 1.5 | 2         |
| 185 | Compressibility, Durability and Strength of Coal Fly Ash/Carbide Lime/Sodium Chloride Blends. <i>International Journal of Geosynthetics and Ground Engineering</i> , <b>2021</b> , 7, 1                         | 2   | 0         |
| 184 | The effects of porosity, asphalt content and fiberglass incorporation on the tensile strength and resilient modulus of asphalt concrete blends. <i>Geotextiles and Geomembranes</i> , <b>2021</b> , 49, 864-870 | 5.2 | 7         |
| 183 | Ground waste glass/carbide lime as a sustainable binder stabilising three different silica sands. <i>Geotechnique</i> , <b>2021</b> , 71, 480-493   | 3.4 | 11        |
| 182 | Bearing capacity of footings on an artificially cemented layer above weak foundation soil. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2021</b> , 174, 1-16               | 1   | 2         |
| 181 | Increasing density and cement content in stabilization of expansive soils: Conflicting or complementary procedures for reducing swelling?. <i>Canadian Geotechnical Journal</i> , <b>2021</b> , 58, 866-878     | 3.2 | 4         |
| 180 | Decision-Making Model for Soil Stabilization: Minimizing Cost and Environmental Impacts. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 06020024  | 3   | 0         |
| 179 | Parameters controlling cyclic behaviour of cement-treated sand. <i>Transportation Geotechnics</i> , <b>2021</b> , 27, 100488  | 4   | 7         |
| 178 | General relationships controlling loss of mass, stiffness and strength of sustainable binders amended sand. <i>Transportation Geotechnics</i> , <b>2021</b> , 27, 100473  | 4   | 3         |

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| 177 | Sustainable Binders Stabilizing Dispersive Clay. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 06020036   | 3   | 5  |
| 176 | Durability evaluation of reclaimed asphalt pavement, ground glass and carbide lime blends based on unconfined compression tests. <i>Transportation Geotechnics</i> , <b>2021</b> , 27, 100461                        | 4   | 4  |
| 175 | A new approach for stabilization of lateritic soil with Portland cement and sand: strength and durability. <i>Acta Geotechnica</i> , <b>2021</b> , 16, 1473-1486   | 4.9 | 8  |
| 174 | The P-y Response of Laterally Loaded Flexible Piles in Residual Soil. <i>Geotechnical and Geological Engineering</i> , <b>2021</b> , 39, 4295-4313   | 1.5 | 1  |
| 173 | Compacted Ground Glass Particles-Carbide Lime Blends: An Environment Friendly Material. <i>Geotechnical and Geological Engineering</i> , <b>2021</b> , 39, 3207-3219   | 1.5 | 2  |
| 172 | Swelling prediction for green stabilized fiber-reinforced sulfate-rich dispersive soils. <i>Geosynthetics International</i> , <b>2021</b> , 28, 391-401  | 3.3 | 3  |
| 171 | Fatigue Life of Green Stabilized Fiber-Reinforced Sulfate-Rich Dispersive Soil. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021249  | 3   | 4  |
| 170 | Technical and environmental performance of eggshell lime for soil stabilization. <i>Construction and Building Materials</i> , <b>2021</b> , 298, 123648  | 6.7 | 7  |
| 169 | Lime-Ground Glass-Sodium Hydroxide as an Enhanced Sustainable Binder Stabilizing Silica Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2021</b> , 147, 06021011                   | 3.4 | 4  |
| 168 | Mechanical Properties of Alkali-Activated Ground Waste Glass-Carbide Lime Blends for Geotechnical Uses. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021284                                | 3   | 5  |
| 167 | Green Stabilization of Bauxite Tailings: Mechanical Study on Alkali-Activated Materials. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 06021007   | 3   | 6  |
| 166 | Durability Assessment of Soil-Pozzolan-Lime Blends through Ultrasonic-Pulse Velocity Test. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 04020223   | 3   | 21 |
| 165 | On Porous Bonded Residual Soil in Natural and Dynamically Compacted States Through Plate Load Tests. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2020</b> , 146, 06020011            | 3.4 | 3  |
| 164 | Key Parameter for Swelling Control of Compacted Expansive Fine-Grained Soil-Lime Blends. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2020</b> , 146, 06020012                        | 3.4 | 8  |
| 163 | Field and Laboratory Investigation of Highly Organic Clay Stabilized with Portland Cement. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 04020063   | 3   | 8  |
| 162 | Recycling and Application of Mine Tailings in Alkali-Activated Cements and Mortars-Strength Development and Environmental Assessment. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 2084                 | 2.6 | 11 |
| 161 | Statistical Analysis of the Influence of Curing Time and Temperature on Compressive Strength of Sandy Soil Stabilized with Sustainable Binder. <i>Journal of Testing and Evaluation</i> , <b>2020</b> , 48, 20180763 | 1   | 4  |
| 160 | Spread footings bearing on circular and square cement-stabilized sand layers above weakly bonded residual soil. <i>Soils and Rocks</i> , <b>2020</b> , 43, 339-349   | 0.9 | 4  |

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| 159 | Effects of cross-section shape on cyclic lateral response of steel piles in residual soil. <i>Geotechnique Letters</i> , <b>2020</b> , 10, 445-453  | 1.7 | 0  |
| 158 | Eggshell Produced Limes: Innovative Materials for Soil Stabilization. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 06020018   | 3   | 12 |
| 157 | Spread Footings on Green Stabilized Sand Layers over Weakly Bonded Residual Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2020</b> , 146, 06020022                          | 3.4 | 3  |
| 156 | Improving freeze-thaw durability of recycled asphalt-waste pavements with sodium chloride. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2020</b> , 173, 188-196            | 1   | 1  |
| 155 | Behaviour of cement-stabilised silty sands subjected to harsh environmental conditions. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , <b>2020</b> , 173, 40-48           | 0.9 | 10 |
| 154 | Durability of reclaimed asphalt pavement-coal fly ash-carbide lime blends under severe environmental conditions. <i>Road Materials and Pavement Design</i> , <b>2020</b> , 21, 557-569                          | 2.6 | 5  |
| 153 | Porosity/Cement Index Controlling Flexural Tensile Strength of Artificially Cemented Soils in Brazil. <i>Geotechnical and Geological Engineering</i> , <b>2020</b> , 38, 713-722                                | 1.5 | 5  |
| 152 | Field and laboratory behaviour of fine-grained soil stabilized with lime. <i>Canadian Geotechnical Journal</i> , <b>2020</b> , 57, 933-938  | 3.2 | 6  |
| 151 | Stiffness of lightly cemented sand under multiaxial loading. <i>E3S Web of Conferences</i> , <b>2019</b> , 92, 11008  | 0.5 | 1  |
| 150 | Influence of sodium chloride on leaching behavior of fly ash stabilized with carbide lime. <i>Construction and Building Materials</i> , <b>2019</b> , 227, 116571   | 6.7 | 8  |
| 149 | Effects of curing stress on the stiffness of a cement-mixed sand. <i>E3S Web of Conferences</i> , <b>2019</b> , 92, 04006.5   | 0.5 | 1  |
| 148 | Behaviour of fibre-reinforced cemented sand under flexural tensile stress. <i>E3S Web of Conferences</i> , <b>2019</b> , 92, 12005  | 0.5 | 1  |
| 147 | Effect of Mellowing and Coal Fly Ash Addition on Behavior of Sulfate-Rich Dispersive Clay after Lime Stabilization. <i>Journal of Materials in Civil Engineering</i> , <b>2019</b> , 31, 04019071               | 3   | 15 |
| 146 | Effect of Sodium Chloride and Fibre-Reinforcement on the Durability of Sand-Coal Fly Ash-Lime Mixes Subjected to Freeze-thaw Cycles. <i>Geotechnical and Geological Engineering</i> , <b>2019</b> , 37, 107-120 | 1.5 | 9  |
| 145 | Circular-Plate Load Tests on Bounded Cemented Layers above Weak Cohesive-Frictional Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2019</b> , 145, 06019011                  | 3.4 | 7  |
| 144 | Strength and Stiffness of Ground Waste Glass-Carbide Lime Blends. <i>Journal of Materials in Civil Engineering</i> , <b>2019</b> , 31, 06019010   | 3   | 14 |
| 143 | Experimental study on fibre reinforced sandy soils behaviour under static loadings - drained and undrained conditions. <i>E3S Web of Conferences</i> , <b>2019</b> , 92, 12002                                  | 0.5 |    |
| 142 | Copper slag-hydrated lime-Portland cement stabilised marine-deposited clay. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2019</b> , 1-13                                   | 1   | 3  |

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| 141 | Short- and long-term effects of sodium chloride on strength and durability of coal fly ash stabilized with carbide lime. <i>Canadian Geotechnical Journal</i> , <b>2019</b> , 56, 1929-1939                             | 3.2 | 10 |
| 140 | The effects of curing time and temperature on stiffness, strength and durability of sand-environment friendly binder blends. <i>Soils and Foundations</i> , <b>2019</b> , 59, 1428-1439                                 | 2.9 | 11 |
| 139 | Use of Sustainable Binders in Soil Stabilization. <i>Journal of Materials in Civil Engineering</i> , <b>2019</b> , 31, 06018033   | 3   | 28 |
| 138 | Modelling tensile/compressive strength ratio of artificially cemented clean sand. <i>Soils and Foundations</i> , <b>2018</b> , 58, 199-211  | 2.9 | 34 |
| 137 | Sodium chloride as a catalyser for crushed reclaimed asphalt pavement (Fly ash (Carbide lime blends. <i>Transportation Geotechnics</i> , <b>2018</b> , 15, 13-19  | 4   | 7  |
| 136 | Field tests of laterally loaded flexible piles in soil with top cement-treated layers. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2018</b> , 171, 174-182                        | 1   | 2  |
| 135 | Physical/Mineralogical/Chemical Characterization of Carbide Lime: An Environment-Friendly Chemical Additive for Soil Stabilization. <i>Journal of Materials in Civil Engineering</i> , <b>2018</b> , 30, 06018004       | 3   | 36 |
| 134 | Key parameters controlling dynamic modulus of crushed reclaimed asphalt paving (powdered rock/Portland cement blends. <i>Road Materials and Pavement Design</i> , <b>2018</b> , 19, 1716-1733                           | 2.6 | 11 |
| 133 | The impact of dry unit weight and cement content on the durability of sand/cement blends. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2018</b> , 171, 96-102                      | 1   | 8  |
| 132 | Durability, strength, and stiffness of compacted gold tailings (cement mixes. <i>Canadian Geotechnical Journal</i> , <b>2018</b> , 55, 486-494  | 3.2 | 21 |
| 131 | Energy efficiency of fibre reinforced soil formation at small element scale: Laboratory and numerical investigation. <i>Geotextiles and Geomembranes</i> , <b>2018</b> , 46, 497-510                                    | 5.2 | 7  |
| 130 | Durability of RAP-Industrial Waste Mixtures Under Severe Climate Conditions. <i>Soils and Rocks</i> , <b>2018</b> , 41, 149-156   | 0.9 | 7  |
| 129 | Compacted Chalk Putty/Cement Blends: Mechanical Properties and Performance. <i>Journal of Materials in Civil Engineering</i> , <b>2018</b> , 30, 04017266   | 3   | 8  |
| 128 | Modelling tensile/compressive strength ratio of fibre reinforced cemented soils. <i>Geotextiles and Geomembranes</i> , <b>2018</b> , 46, 155-165  | 5.2 | 41 |
| 127 | Impact of Severe Climate Conditions on Loss of Mass, Strength, and Stiffness of Compacted Fine-Grained Soils/Portland Cement Blends. <i>Journal of Materials in Civil Engineering</i> , <b>2018</b> , 30, 04018174      | 3   | 25 |
| 126 | Durability, Strength, and Stiffness of Green Stabilized Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2018</b> , 144, 04018057  | 3.4 | 44 |
| 125 | Theoretical Derivation of Artificially Cemented Granular Soil Strength. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2017</b> , 143, 04017003  | 3.4 | 49 |
| 124 | Modelling the influence of density, curing time, amounts of lime and sodium chloride on the durability of compacted geopolymers monolithic walls. <i>Construction and Building Materials</i> , <b>2017</b> , 136, 65-72 | 6.7 | 12 |

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| 123 | Broad-Spectrum Empirical Correlation Determining Tensile and Compressive Strength of Cement-Bonded Clean Granular Soils. <i>Journal of Materials in Civil Engineering</i> , <b>2017</b> , 29, 06017004                                   | 3   | 33 |
| 122 | A general relationship to estimate strength of fibre-reinforced cemented fine-grained soils. <i>Geosynthetics International</i> , <b>2017</b> , 24, 435-441  | 3.3 | 18 |
| 121 | Durability and strength of fiber-reinforced compacted gold tailings-cement blends. <i>Geotextiles and Geomembranes</i> , <b>2017</b> , 45, 98-102  | 5.2 | 33 |
| 120 | Enhancement of strength of coal fly ash-carbide lime blends through chemical and mechanical activation. <i>Construction and Building Materials</i> , <b>2017</b> , 157, 65-74  | 6.7 | 13 |
| 119 | Compacted clay-industrial wastes blends: Long term performance under extreme freeze-thaw and wet-dry conditions. <i>Applied Clay Science</i> , <b>2017</b> , 146, 404-410  | 5.2 | 22 |
| 118 | Influence of Molding Moisture Content and Porosity/Cement Index on Stiffness, Strength, and Failure Envelopes of Artificially Cemented Fine-Grained Soils. <i>Journal of Materials in Civil Engineering</i> , <b>2017</b> , 29, 04016277 | 3   | 29 |
| 117 | Fibre-reinforced cemented soils compressive and tensile strength assessment as a function of filament length. <i>Geotextiles and Geomembranes</i> , <b>2017</b> , 45, 77-82  | 5.2 | 83 |
| 116 | Coal Fly Ash-Carbide Lime Admixtures as an Alternative to Concrete Masonry Blocks: Influence of Ash Grounds. <i>Journal of Materials in Civil Engineering</i> , <b>2017</b> , 29, 04016224   | 3   | 6  |
| 115 | Crosswise-loaded short and long piles in artificially cemented top sand layers embedded in lightly bonded residual soil. <i>Soils and Foundations</i> , <b>2017</b> , 57, 935-946  | 2.9 | 3  |
| 114 | A Sole Empirical Correlation Expressing Strength of Fine-Grained Soils - Lime Mixtures. <i>Soils and Rocks</i> , <b>2017</b> , 40, 147-153   | 0.9 | 8  |
| 113 | On the Durability and Strength of Compacted Coal Fly Ash-Carbide Lime Blends. <i>Soils and Rocks</i> , <b>2017</b> , 40, 155-161   | 0.9 | 3  |
| 112 | Development of a Cyclic Simple Shear Apparatus. <i>Soils and Rocks</i> , <b>2017</b> , 40, 279-289   | 0.9 | 3  |
| 111 | Salts accelerating strength increase of coal fly ash-carbide lime compacted blends. <i>Geotechnique Letters</i> , <b>2016</b> , 6, 23-27   | 1.7 | 14 |
| 110 | Crosswise-loaded pile tests on residual soil site. <i>Geotechnique Letters</i> , <b>2016</b> , 6, 216-220  | 1.7 | 4  |
| 109 | Single model establishing strength of dispersive clay treated with distinct binders. <i>Canadian Geotechnical Journal</i> , <b>2016</b> , 53, 2072-2079  | 3.2 | 15 |
| 108 | Strategies for Developing More Sustainable Dosages for Soil-Coal Fly Ash-Lime Blends. <i>Journal of Materials in Civil Engineering</i> , <b>2016</b> , 28, 04016130  | 3   | 5  |
| 107 | Durability, Strength, and Stiffness of Dispersive Clay-Lime Blends. <i>Journal of Materials in Civil Engineering</i> , <b>2016</b> , 28, 04016124  | 3   | 35 |
| 106 | Accelerated Mix Design of Lime Stabilized Materials. <i>Journal of Materials in Civil Engineering</i> , <b>2016</b> , 28, 06015012   | 3   | 28 |

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| 105 | A unique relationship determining strength of silty/clayey soils [Portland cement mixes. <i>Soils and Foundations</i> , <b>2016</b> , 56, 1082-1088   | 2.9  | 45 |
| 104 | Mechanical Behavior of Soil Cement Blends with Osorio Sand. <i>Procedia Engineering</i> , <b>2016</b> , 143, 75-81  |      | 10 |
| 103 | Behavior of Soil Fly Ash Lime Blends under Different Curing Temperatures. <i>Procedia Engineering</i> , <b>2016</b> , 143, 220-228  |      | 7  |
| 102 | Life cycle assessment for soil stabilization dosages: A study for the Paraguayan Chaco. <i>Journal of Cleaner Production</i> , <b>2016</b> , 139, 309-318                                     | 10.3 | 19 |
| 101 | A testing procedure for predicting strength in artificially cemented soft soils. <i>Engineering Geology</i> , <b>2015</b> , 195, 327-334  | 6    | 21 |
| 100 | Assessing Failure Envelopes of Soil Fly Ash Lime Blends. <i>Journal of Materials in Civil Engineering</i> , <b>2015</b> , 27, 04014174  | 3    | 10 |
| 99  | Mohr-Coulomb failure envelopes of lime-treated soils. <i>Geotechnique</i> , <b>2015</b> , 65, 866-868   | 3.4  | 2  |
| 98  | Field Tests on Laterally Loaded Rigid Piles in Cement Treated Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2015</b> , 141, 06015003                     | 3.4  | 32 |
| 97  | Devising dosages for soil fly ash lime blends based on tensile strength controlling equations. <i>Construction and Building Materials</i> , <b>2014</b> , 55, 238-245                         | 6.7  | 9  |
| 96  | Coal fly ash-barbide lime bricks: An environment friendly building product. <i>Construction and Building Materials</i> , <b>2014</b> , 69, 301-309  | 6.7  | 27 |
| 95  | A theoretical-experimental approach to elastic and strength properties of artificially cemented sand. <i>Computers and Geotechnics</i> , <b>2014</b> , 62, 40-50                              | 4.4  | 8  |
| 94  | Control factors for the long term compressive strength of lime treated sandy clay soil. <i>Transportation Geotechnics</i> , <b>2014</b> , 1, 129-136  | 4    | 32 |
| 93  | Porosity/cement ratio controlling initial bulk modulus and incremental yield stress of an artificially cemented soil cured under stress. <i>Geotechnique Letters</i> , <b>2014</b> , 4, 22-26 | 1.7  | 33 |
| 92  | Greening stabilized rammed earth: devising more sustainable dosages based on strength controlling equations. <i>Journal of Cleaner Production</i> , <b>2014</b> , 66, 19-26                   | 10.3 | 26 |
| 91  | A method proposed for the assessment of failure envelopes of cemented sandy soils. <i>Engineering Geology</i> , <b>2014</b> , 169, 61-68  | 6    | 25 |
| 90  | A prompt procedure for prediction of strength in artificially cemented soft soils. <i>Journal of Geo-Engineering Sciences</i> , <b>2014</b> , 1, 95-100                                       |      |    |
| 89  | Mohr-Coulomb failure envelopes of lime-treated soils. <i>Geotechnique</i> , <b>2014</b> , 64, 165-170   | 3.4  | 31 |
| 88  | Testing Cement Improved Residual Soil Layers. <i>Journal of Materials in Civil Engineering</i> , <b>2014</b> , 26, 544-550  |      | 9  |



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| 87 | Effect of Curing Temperature on the Strength of Sand, Coal Fly Ash, and Lime Blends. <i>Journal of Materials in Civil Engineering</i> , <b>2014</b> , 26, 06014015                              | 3   | 21 |
| 86 | A practical methodology for the determination of failure envelopes of fiber-reinforced cemented sands. <i>Geotextiles and Geomembranes</i> , <b>2013</b> , 41, 50-54                            | 5.2 | 19 |
| 85 | Parameters Controlling Tensile and Compressive Strength of Fiber-Reinforced Cemented Soil. <i>Journal of Materials in Civil Engineering</i> , <b>2013</b> , 25, 1568-1573                       | 3   | 56 |
| 84 | Key parameters for strength control of rammed sand/cement mixtures: Influence of types of portland cement. <i>Construction and Building Materials</i> , <b>2013</b> , 49, 591-597               | 6.7 | 40 |
| 83 | Uplift Performance of Anchor Plates Embedded in Cement-Stabilized Backfill. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2013</b> , 139, 511-517                 | 3.4 | 15 |
| 82 | Variables controlling strength of fibre-reinforced cemented soils. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2013</b> , 166, 221-232                    | 1   | 30 |
| 81 | Cyclic shear response of fibre-reinforced cemented paste backfill. <i>Geotechnique Letters</i> , <b>2013</b> , 3, 5-12  | 1.7 | 55 |
| 80 | The strength of soil/industrial by-products/lime blends. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , <b>2013</b> , 166, 431-440                        | 0.9 | 6  |
| 79 | Influence of grain size and mineralogy on the porosity/cement ratio. <i>Geotechnique Letters</i> , <b>2013</b> , 3, 130-136   | 1.3 | 14 |
| 78 | Experimental Evidences of the Effect of Fibres in Reinforcing a Sandy Gravel. <i>Geotechnical and Geological Engineering</i> , <b>2012</b> , 30, 75-83  | 1.5 | 9  |
| 77 | Effect of polypropylene fibers on the uplift behavior of model footings embedded in sand. <i>Geosynthetics International</i> , <b>2012</b> , 19, 79-84  | 3.3 | 7  |
| 76 | Parameters controlling stiffness and strength of artificially cemented soils. <i>Geotechnique</i> , <b>2012</b> , 62, 177-183   | 3.8 | 94 |
| 75 | Influence of Cement-Voids Ratio on Stress-Dilatancy Behavior of Artificially Cemented Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2012</b> , 138, 100-109 | 3.4 | 66 |
| 74 | Uplift behavior of plates embedded in fiber-reinforced cement stabilized backfill. <i>Geotextiles and Geomembranes</i> , <b>2012</b> , 35, 107-111  | 5.2 | 21 |
| 73 | Study of Mechanical Behavior of a Sand Soil Reinforced with Curaua Treated Fibers with Asphalt. <i>Materials Science Forum</i> , <b>2012</b> , 730-732, 319-324                                 | 0.4 | 1  |
| 72 | Failure envelope of artificially cemented sand. <i>Geotechnique</i> , <b>2012</b> , 62, 543-547   | 3.4 | 15 |
| 71 | Mechanical Behavior of Curaua Treated Fiber-Reinforced Sand. <i>Materials Science Forum</i> , <b>2012</b> , 730-732, 355-360  | 0.4 | 1  |
| 70 | Key parameters for tensile and compressive strength of silt/lime mixtures. <i>Geotechnique Letters</i> , <b>2012</b> , 2, 81-85   | 1.7 | 35 |



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| 69 | Variables Controlling Strength of Artificially Cemented Sand: Influence of Curing Time. <i>Journal of Materials in Civil Engineering</i> , <b>2011</b> , 23, 692-696   | 3   | 48  |
| 68 | Voids/Cement Ratio Controlling Tensile Strength of Cement-Treated Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2011</b> , 137, 1126-1131   | 3-4 | 34  |
| 67 | Engineering Properties of Fibrous Paper Mill Sludge from Southern Brazil. <i>Journal of Materials in Civil Engineering</i> , <b>2011</b> , 23, 1346-1352   | 3   | 4   |
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| 64 | Variables Controlling Stiffness and Strength of Lime-Stabilized Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2011</b> , 137, 628-632   | 3-4 | 65  |
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| 62 | Split tensile strength of monofilament polypropylene fiber-reinforced cemented sandy soils. <i>Geosynthetics International</i> , <b>2011</b> , 18, 57-62   | 3-3 | 57  |
| 61 | Parameters Controlling Strength of Industrial Waste-Lime Amended Soil. <i>Soils and Foundations</i> , <b>2011</b> , 51, 265-273  | 2.9 | 7   |
| 60 | Water content, porosity and cement content as parameters controlling strength of artificially cemented silty soil. <i>Engineering Geology</i> , <b>2011</b> , 122, 328-333   | 6   | 78  |
| 59 | Closure to Plate Load Tests on Cemented Soil Layers Overlaying Weaker Soil by Nilo Cesar Consoli, Francisco Dalla Rosa, and Anderson Fonini. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2011</b> , 137, 448-449 | 3-4 |     |
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| 57 | The mechanics of fibre-reinforced sand. <i>Geotechnique</i> , <b>2010</b> , 60, 791-799  | 3-4 | 85  |
| 56 | Parameters Controlling Tensile and Compressive Strength of Artificially Cemented Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2010</b> , 136, 759-763   | 3-4 | 129 |
| 55 | High-Pressure Isotropic Compression Tests on Fiber-Reinforced Cemented Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2010</b> , 136, 885-890   | 3-4 | 28  |
| 54 | Discussion of Strength and Stiffness Response of Coir Fiber-Reinforced Tropical Soil by G. L. Sivakumar Babu and A. K. Vasudevan. <i>Journal of Materials in Civil Engineering</i> , <b>2010</b> , 22, 413-413                                   | 3   |     |
| 53 | Behavior of Vertical Hydraulic Barriers Composed by Sandy Soil, Bentonite, and Cement Subjected to Alkaline Contaminants <b>2010</b> ,   |     | 2   |
| 52 | Influence of Particle Morphology on the Hydraulic Behavior of Coal Ash and Sand. <i>Geotechnical and Geological Engineering</i> , <b>2010</b> , 28, 325-335  | 1.5 | 11  |

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| 51 | Portland Cement Stabilization of Soil Bentonite for Vertical Cutoff Walls Against Diesel Oil Contaminant. <i>Geotechnical and Geological Engineering</i> , <b>2010</b> , 28, 361-371  | 1.5  | 5   |
| 50 | Effect of fiber-reinforcement on the strength of cemented soils. <i>Geotextiles and Geomembranes</i> , <b>2010</b> , 28, 344-351  | 5.2  | 126 |
| 49 | Strain-hardening behaviour of fibre-reinforced sand in view of filament geometry. <i>Geosynthetics International</i> , <b>2009</b> , 16, 109-115  | 3.3  | 58  |
| 48 | Fiber reinforcement effects on sand considering a wide cementation range. <i>Geotextiles and Geomembranes</i> , <b>2009</b> , 27, 196-203   | 5.2  | 188 |
| 47 | Strength Properties of Sandy Soil Cement Admixtures. <i>Geotechnical and Geological Engineering</i> , <b>2009</b> , 27, 681-686   | 1.5  | 45  |
| 46 | Fundamental Parameters for the Stiffness and Strength Control of Artificially Cemented Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2009</b> , 135, 1347-1353                                      | 3.4  | 88  |
| 45 | Effect of relative density on plate loading tests on fibre-reinforced sand. <i>Geotechnique</i> , <b>2009</b> , 59, 471-476   | 5.4  | 51  |
| 44 | Plate Load Tests on Cemented Soil Layers Overlaying Weaker Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2009</b> , 135, 1846-1856  | 3.4  | 50  |
| 43 | Key Parameters for the Strength Control of Lime Stabilized Soils. <i>Journal of Materials in Civil Engineering</i> , <b>2009</b> , 21, 210-216  | 3    | 97  |
| 42 | Key parameters dictating strength of lime/cement-treated soils. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , <b>2009</b> , 162, 111-118   | 0.9  | 60  |
| 41 | An experimental investigation of the behaviour of artificially cemented soil cured under stress. <i>Geotechnique</i> , <b>2008</b> , 58, 675-679  | 3.4  | 46  |
| 40 | Discussion of Nonlinear Stress-Strain Relationship of Soil Reinforced with Flexible Geofibers by Duowen Ding and S. Keith Hargrove. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2008</b> , 134, 551-551 | 3.4  |     |
| 39 | Uplift of shallow foundations with cement-stabilised backfill. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2008</b> , 161, 103-110  | 1    | 20  |
| 38 | Loading tests on compacted soil, bottom-ash and lime layers. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , <b>2008</b> , 161, 29-38  | 0.9  | 29  |
| 37 | Análise do comportamento físico de um solo contaminado por borra oleosa lida e encapsulado com cimento Portland. <i>Engenharia Sanitaria E Ambiental</i> , <b>2008</b> , 13, 217-225  | 0.4  |     |
| 36 | Compacted artificially cemented soil-acid leachate contaminant interactions: breakthrough curves and transport parameters. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 155, 269-76  | 12.8 | 6   |
| 35 | Key Parameters for Strength Control of Artificially Cemented Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2007</b> , 133, 197-205   | 3.4  | 288 |
| 34 | Coal Bottom Ash as a Geomaterial: Influence of Particle Morphology on the Behavior of Granular Materials. <i>Soils and Foundations</i> , <b>2007</b> , 47, 361-373  | 2.9  | 22  |

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| 33 | Mathematical model for isotropic compression behaviour of cemented soil cured under stress. <i>Geomechanics and Geoengineering</i> , <b>2007</b> , 2, 269-280  | 1.4 | 2   |
| 32 | Discussion of Geotechnical Properties of Fly and Bottom Ash Mixtures for Use in Highway Embankments by Bumjoo Kim, Monica Prezzi, and Rodrigo Salgado. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2007</b> , 133, 902-903                             | 3.4 | 1   |
| 31 | Discussion of Volume Change Behaviors of Expansive Soils Stabilized with Recycled Ashes and Fibers by Koonnamas Punthutaecha, Anand J. Puppala, Sai K. Vanapalli, and Hilary Inyang. <i>Journal of Materials in Civil Engineering</i> , <b>2007</b> , 19, 616-616                      | 3   |     |
| 30 | Performance of a fibre-reinforced sand at large shear strains. <i>Geotechnique</i> , <b>2007</b> , 57, 751-756   | 3.4 | 93  |
| 29 | Closure to Behavior of a Fiber-Reinforced Bentonite at Large Shear Displacements by Michele Dal Toncasagrande, Matthew Richard Coop, and Nilo Cesar Consoli. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2007</b> , 133, 1635-1636                     | 3.4 | 2   |
| 28 | Shear Strength Behavior of Fiber-Reinforced Sand Considering Triaxial Tests under Distinct Stress Paths. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2007</b> , 133, 1466-1469   | 3.4 | 66  |
| 27 | Behavior of a Fiber-Reinforced Bentonite at Large Shear Displacements. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2006</b> , 132, 1505-1508   | 3.4 | 59  |
| 26 | Effect of Fiber Reinforcement on the Isotropic Compression Behavior of a Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2005</b> , 131, 1434-1436   | 3.4 | 75  |
| 25 | Effect of Microreinforcement of Soils from Very Small to Large Shear Strains. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2005</b> , 131, 1024-1033  | 3.4 | 96  |
| 24 | Circular footings on a cemented layer above weak foundation soil. <i>Canadian Geotechnical Journal</i> , <b>2005</b> , 42, 1569-1584   | 3.2 | 54  |
| 23 | Discussion of Fatigue Behavior of a Pavement Foundation with Recycled Aggregate and Waste HDPE Strips by Khaled Sobhan and Mehedy Mashnad. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2005</b> , 131, 136-136   | 3.4 |     |
| 22 | Discussion of Variable Bulk Modulus Constitutive Model for Sand by Bashar S. Qubain, Victor N. Kaliakin, and Joseph P. Martin. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2004</b> , 130, 772-773   | 3.4 |     |
| 21 | Effect of material properties on the behaviour of sand?cement?fibre composites. <i>Ground Improvement</i> , <b>2004</b> , 8, 77-90   |     | 12  |
| 20 | Isotropic yielding in an artificially cemented soil cured under stress. <i>Geotechnique</i> , <b>2003</b> , 53, 493-501  | 3.4 | 116 |
| 19 | Behavior of Plate Load Tests on Soil Layers Improved with Cement and Fiber. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2003</b> , 129, 96-101   | 3.4 | 88  |
| 18 | Plate Load Test on Fiber-Reinforced Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2003</b> , 129, 951-955  | 3.4 | 93  |
| 17 | Closure to Behavior of Compacted Soil-Fly Ash-Carbide Lime Mixtures by Nilo Cesar Consoli, Pedro Domingos Marques Prietto, Jo? Antonio Harb Carraro, and Karla Salvagni Heineck. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2002</b> , 128, 1047-1048 | 3.4 |     |
| 16 | Engineering Behavior of a Sand Reinforced with Plastic Waste. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2002</b> , 128, 462-472  | 3.4 | 195 |

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| 15 | Characterization of Cemented Sand in Triaxial Compression. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2001</b> , 127, 857-868                                      | 3.4 | 189 |
| 14 | Behavior of Compacted Soil-Fly Ash-Carbide Lime Mixtures. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2001</b> , 127, 774-782                                       | 3.4 | 126 |
| 13 | Influence of curing under stress on the triaxial response of cemented soils. <i>Geotechnique</i> , <b>2000</b> , 50, 99-105   | 3.4 | 103 |
| 12 | Behavior of Five Large Spread Footings in Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2000</b> , 126, 940-942   | 3.4 | 2   |
| 11 | Interpretation of Plate Load Tests on Residual Soil Site. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>1998</b> , 124, 857-867                                       | 3.4 | 70  |
| 10 | Influence of Fiber and Cement Addition on Behavior of Sandy Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>1998</b> , 124, 1211-1214                             | 3.4 | 235 |
| 9  | Discussion: Loading Tests on Circular and Ring Plates in Very Dense Cemented Sands. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>1997</b> , 123, 990-991             | 3.4 | 1   |
| 8  | Discussion of Cone Penetration in Very Weakly Cemented Sand by Fernando Schnaid and Nilo C. Consoli. <i>Journal of Geotechnical Engineering</i> , <b>1996</b> , 122, 948-948                        |     |     |
| 7  | Strength and stiffness of compacted chalk putty cement blends. <i>Acta Geotechnica</i> , 1  | 4.9 | 0   |
| 6  | Experimental assessment of the small-strain response of residual soil under monotonic and cyclic loading. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 1-14 | 0.9 | 2   |
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| 4  | Parameters controlling loss of mass and stiffness degradation of green stabilised bauxite tailings. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 1-21       | 0.9 | 5   |
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