

Dunja Peric

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

481
citations

759055

12
h-index

677027

22
g-index

26
all docs

26
docs citations

26
times ranked

291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Identifying Acceptable California Bearing Ratio (CBR) Value for Kansas Subgrades Using Pavement Rutting Data. , 2022, , . | | 0 |
| 2 | Thermomechanical Soil-Structure Interaction in Single Energy Piles Exhibiting Reversible Interface Behavior. International Journal of Geomechanics, 2021, 21, . | 1.3 | 27 |
| 3 | Gradient-based fibre detection method on 3D micro-CT tomographic image for defining fibre orientation bias in ultra-high-performance concrete. Cement and Concrete Research, 2020, 129, 105962. | 4.6 | 39 |
| 4 | Analytical Solutions for Thermomechanical Soil Structure Interaction in End-Bearing Energy Piles. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, . | 1.5 | 20 |
| 5 | Cross validation of analytical solutions against the computational model predictions of the response of end bearing energy pile. E3S Web of Conferences, 2020, 205, 05019. | 0.2 | 9 |
| 6 | Cross validation of analytical solutions against the computational model predictions of the response of semi floating energy pile. E3S Web of Conferences, 2020, 205, 05020. | 0.2 | 10 |
| 7 | Cross Validation of Computational Model Predictions against the Analytical Solutions for the Response of a Heat Exchanger Pile Subjected to Thermal Loading. , 2020, , . | | 0 |
| 8 | Effect of Fibers on the Onset of Strain Localization in HPRCC Subjected to Plane Stress Loading. Journal of Engineering Mechanics - ASCE, 2018, 144, . | 1.6 | 4 |
| 9 | Effects of soil anisotropy on a soil structure interaction in a heat exchanger pile. Computers and Geotechnics, 2017, 86, 193-202. | 2.3 | 25 |
| 10 | Propagation and Evolution of Strain Localization in Clay. Springer Series in Geomechanics and Geoengineering, 2017, , 19-23. | 0.0 | 0 |
| 11 | Thermally induced soil structure interaction in the existing integral bridge. Engineering Structures, 2016, 106, 484-494. | 2.6 | 17 |
| 12 | Assessment of sand stabilization potential of a plant-derived biomass. Science and Engineering of Composite Materials, 2016, 23, 227-236. | 0.6 | 5 |
| 13 | Onset of Strain Localization in Unsaturated Soils Subjected to Constant Water Content Loading. Springer Series in Geomechanics and Geoengineering, 2015, , 169-173. | 0.0 | 1 |
| 14 | Strain Localization in Unsaturated Elastic-Plastic Materials Subjected to Plane Strain Compression. Journal of Engineering Mechanics - ASCE, 2014, 140, . | 1.6 | 14 |
| 15 | Assessment of wheat fibre reinforced cementitious matrix. IES Journal Part A: Civil and Structural Engineering, 2013, 6, 211-221. | 0.4 | 4 |
| 16 | Meso-Scale Evolution of Shear Localization Observed in Plane Strain Experiment on Kaolin Clay. Springer Series in Geomechanics and Geoengineering, 2011, , 315-320. | 0.0 | 1 |
| 17 | Localized failure of fibre-reinforced elastic-plastic materials subjected to plane strain loading. International Journal for Numerical and Analytical Methods in Geomechanics, 2007, 31, 893-916. | 1.7 | 3 |
| 18 | Analytical solutions for a three-invariant Cam clay model subjected to drained loading histories. International Journal for Numerical and Analytical Methods in Geomechanics, 2006, 30, 363-387. | 1.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Influence of Lode's angle on the pore pressure generation in soils. International Journal of Plasticity, 2002, 18, 1039-1059. | 4.1 | 17 |
| 20 | On the analytical solutions for the three-invariant Cam clay model. International Journal of Plasticity, 2002, 18, 1061-1082. | 4.1 | 46 |
| 21 | Effect of pore fluid compressibility on localization in elastic-plastic porous solids under undrained conditions. International Journal of Solids and Structures, 1996, 33, 1501-1518. | 1.3 | 41 |
| 22 | Prediction of Plastic Localization Using MRS's Lode Model. Journal of Geotechnical Engineering, 1993, 119, 639-661. | 0.4 | 14 |
| 23 | Evaluation of Plastic Bifurcation for Plane Strain versus Axisymmetry. Journal of Engineering Mechanics - ASCE, 1992, 118, 512-524. | 1.6 | 40 |
| 24 | Discontinuous bifurcations of elastic-plastic solutions at plane stress and plane strain. International Journal of Plasticity, 1991, 7, 99-121. | 4.1 | 135 |