

Luan Carlos de Sena Monteiro Ozelim

List of Publications by Year in descending order

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all docs

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docs citations

36
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized Skewed Model for Spatial-Fractional Advective-Dispersive Phenomena. Sustainability, 2022, 14, 4024.	3.2	2
2	Structural Health Monitoring of Dams Based on Acoustic Monitoring, Deep Neural Networks, Fuzzy Logic and a CUSUM Control Algorithm. Sensors, 2022, 22, 2482.	3.8	6
3	Combining Numerical Simulations, Artificial Intelligence and Intelligent Sampling Algorithms to Build Surrogate Models and Calculate the Probability of Failure of Urban Tunnels. Sustainability, 2022, 14, 6385.	3.2	2
4	Estimating Shear Strength Properties of the Surrounding Soils Based on the Execution Energies of Piles. Geotechnics, 2022, 2, 457-466.	2.3	1
5	Execution energy of continuous flight auger piles as an assessment tool to evaluate the mechanical response of the soil mass. Soils and Rocks, 2022, 45, 1-17.	0.5	0
6	Analysis of the bearing capacity of continuous flight auger piles in terms of their excavation energy and of rainfall data. MATEC Web of Conferences, 2021, 337, 03010.	0.2	0
7	Revisiting the Lognormal Modelling of Shadowing Effects during Wireless Communications by Means of the Γ - Γ Composite Distribution. Modelling, 2021, 2, 197-209.	1.4	0
8	Dielectric relaxation model of human blood as a superposition of Debye functions with relaxation times following a Modified-Weibull distribution. Heliyon, 2021, 7, e06606.	3.2	6
9	Enhanced landfill CO_2 characterization by using an alternative analytical model for diffusion tests. Environmental Monitoring and Assessment, 2021, 193, 739.	2.7	2
10	Statistical reinterpretation of dielectric relaxation models. Communications in Nonlinear Science and Numerical Simulation, 2021, , 106117.	3.3	0
11	Portfolio Management of Copula-Dependent Assets Based on $P(Y \leq X)$ Reliability Models: Revisiting Frank Copula and Dagum Distributions. Stats, 2021, 4, 1027-1050.	0.9	2
12	Spectrum sharing systems capacity under α - β fading environments. Journal of the Franklin Institute, 2019, 356, 6741-6756.	3.4	2
13	Combining Microtomography, 3D Printing, and Numerical Simulations to Study Scale Effects on the Permeability of Porous Media. International Journal of Geomechanics, 2019, 19, .	2.7	12
14	Linear Combination and Reliability of Generalized Logistic Random Variables. European Journal of Pure and Applied Mathematics, 2019, 12, 722-733.	0.3	3
15	Representative Elementary Volume Determination for Permeability and Porosity Using Numerical Three-Dimensional Experiments in Microtomography Data. International Journal of Geomechanics, 2018, 18, .	2.7	12
16	On a new identity for the H-function with applications to the summation of hypergeometric series. Turkish Journal of Mathematics, 2018, 42, .	0.7	0
17	Corrigendum to "Exact and approximate expressions for the reliability of stable Levy random variables with applications to stock market modelling" [J. Comput. Appl. Math. 321 (2017) 314-322]. Journal of Computational and Applied Mathematics, 2018, 343, 771-773.	2.0	0
18	The Iota-Delta Function as an Alternative to Boolean Formalism. International Journal of Foundations of Computer Science, 2018, 29, 415-423.	1.1	1

#	ARTICLE	IF	CITATIONS
19	3D Cellular Automata as a Computational Tool to Generate Artificial Porous Media. International Journal of Geomechanics, 2018, 18, .	2.7	2
20	On the Iota-Delta function: a link between cellular automata and partial differential equations for modeling advection–dispersion from a constant source. Journal of Supercomputing, 2017, 73, 700-712.	3.6	5
21	Exact and approximate expressions for the reliability of stable Lévy random variables with applications to stock market modelling. Journal of Computational and Applied Mathematics, 2017, 321, 314-322.	2.0	5
22	Cellular Automata and X-Ray Microcomputed Tomography Images for Generating Artificial Porous Media. International Journal of Geomechanics, 2016, 16, .	2.7	11
23	Exact distribution of the product and the quotient of two stable Lévy random variables. Communications in Nonlinear Science and Numerical Simulation, 2016, 36, 204-218.	3.3	9
24	On the identifiability of finite mixture of Skew-Normal and Skew-t distributions. Statistics and Probability Letters, 2015, 106, 103-108.	0.7	20
25	Analytical Slope Stability Analysis Based on Statistical Characterization of Soil Primary Properties. International Journal of Geomechanics, 2015, 15, 06014018.	2.7	5
26	Novel Approach to Consolidation Theory of Structured and Collapsible Soils. International Journal of Geomechanics, 2015, 15, .	2.7	8
27	Closure to “Integral and Closed-Form Analytical Solutions to the Transport Contaminant Equation Considering 3D Advection and Dispersion” by Luan Carlos de S. M. Ozelim and André Luís Brasil Cavalcante. International Journal of Geomechanics, 2014, 14, 07014002.	2.7	0
28	Recent advances on solving the three-parameter infiltration equation. Journal of Hydrology, 2014, 509, 188-192.	5.4	7
29	Reply to comments on “Recent advances on solving the three-parameter infiltration equation”. J. Hydrol. 509 (2014) 188–192]. Journal of Hydrology, 2014, 517, 1164-1165.	5.4	0
30	Integral and Closed-Form Analytical Solutions to the Transport Contaminant Equation Considering 3D Advection and Dispersion. International Journal of Geomechanics, 2013, 13, 686-691.	2.7	7
31	10.25088/ComplexSystems.22.1.61. Complex Systems, 2013, 22, 75-99.	0.3	4
32	On the Iota-Delta Function: Mathematical Representation of Two-Dimensional Cellular Automata. Complex Systems, 2013, 22, 405-422.	0.3	3
33	Explicit equations for infiltration. Journal of Hydrology, 2012, 426-427, 151-153.	5.4	13
34	On the Iota-Delta Function: Universality in Cellular Automata's Representation. Complex Systems, 2012, 21, 283-296.	0.3	1
35	ANALYTICAL SOLUTIONS FOR ALTERNATE DEPTHS. ISH Journal of Hydraulic Engineering, 2011, 17, 34-42.	2.1	1
36	Aplicação do Método da Camada Contaminada Equivalente a resultados de ensaio de difusão em solos típicos do Distrito Federal., 0, .		0