

Antônio M A S Mauricio

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

328
citations

840776

11
h-index

888059

17
g-index

31
all docs

31
docs citations

31
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Limestones under salt decay tests: assessment of pore network-dependent durability predictors. <i>Environmental Earth Sciences</i> , 2011, 63, 1511-1527.	2.7	37
2	Microstructural Analysis of Iberian Expanded Clay Aggregates. <i>Microscopy and Microanalysis</i> , 2012, 18, 1190-1208.	0.4	33
3	On the effect of design and fabrication parameters on mechanical performance of 3D printed PLA scaffolds. <i>Bioprinting</i> , 2020, 20, e00096.	5.8	30
4	Effect of feldspar porcelain coating upon the wear behavior of zirconia dental crowns. <i>Wear</i> , 2013, 297, 872-877.	3.1	28
5	Laboratory-Induced Endolithic Growth in Calcarenes: Biodeteriorating Potential Assessment. <i>Microbial Ecology</i> , 2010, 60, 55-68.	2.8	25
6	Micro X-ray computed tomography suggests cooperative feeding among adult invasive bugs <i>Leptoglossus occidentalis</i> on mature seeds of stone pine <i>Pinus pinea</i> . <i>Agricultural and Forest Entomology</i> , 2018, 20, 18-27.	1.3	21
7	Structure and Growth of Sialoliths: Computed Microtomography and Electron Microscopy Investigation of 30 Specimens. <i>Microscopy and Microanalysis</i> , 2013, 19, 1190-1203.	0.4	19
8	A Critical Discussion of Salt Weathering Laboratory Tests for Assessment of Petrological Features Susceptibility. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 324-327.	0.6	14
9	Experimental and numerical characterization of 3D-printed scaffolds under monotonic compression with the aid of micro-CT volume reconstruction. <i>Bio-Design and Manufacturing</i> , 2021, 4, 222-242.	7.7	14
10	Micro-computed tomography and compressive characterization of trabecular bone. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 438, 199-205.	4.7	13
11	Title is missing!. <i>Mathematical Geosciences</i> , 2000, 32, 619-642.	0.9	11
12	Pore structure and durability of Portuguese limestones: a case study. <i>Geological Society Special Publication</i> , 2010, 331, 157-169.	1.3	11
13	Non-destructive microtomography-based imaging and measuring laboratory-induced degradation of travertine, a random heterogeneous geomaterial used in urban heritage. <i>Environmental Earth Sciences</i> , 2013, 69, 1471-1480.	2.7	11
14	An ionic conductivity-based methodology for monitoring salt systems in monument stones. <i>Journal of Cultural Heritage</i> , 2005, 6, 287-293.	3.3	7
15	Microtomography-Based Pore Structure Modelling of Geologic Materials Used as Building and Dimension Stones. <i>Materials Science Forum</i> , 0, 636-637, 1306-1312.	0.3	7
16	Susceptibility of Limestone Petrographic Features to Salt Weathering: A Scanning Electron Microscopy Study. <i>Microscopy and Microanalysis</i> , 2013, 19, 1231-1240.	0.4	7
17	Tailoring of structures and permeation properties of asymmetric nanocomposite cellulose acetate/silver membranes. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	7
18	A Study of Salt Weathering Cycles Impact on Limestones. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 316-319.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Thermal Stresses. , 2006, , 427-437.		5
20	The weathering and weatherability of Basáltica da Estrela stones, Lisbon, Portugal. Geological Society Special Publication, 2007, 271, 99-107.	1.3	3
21	Specific surface area and salt weathering of limestones: a laboratory study. Quarterly Journal of Engineering Geology and Hydrogeology, 2013, 46, 477-484.	1.4	3
22	Magnetic properties measurement and discussion of an amorphous power transformer core at room and liquid nitrogen temperature. Journal of Physics: Conference Series, 2014, 507, 032018.	0.4	3
23	Local Response of Sialoliths to Lithotripsy: Cues on Fragmentation Outcome. Microscopy and Microanalysis, 2017, 23, 584-598.	0.4	3
24	Alteration Features of Stones Applied in Underground Metro Stations. Materials Science Forum, 2010, 636-637, 1292-1299.	0.3	2
25	Performance of Stones Under Different Conditions: A Study of Metro Stations. Materials Science Forum, 0, 730-732, 474-479.	0.3	2
26	Porosity Structures and Capillary Migration in Granites and Limestones. Microscopy and Microanalysis, 2015, 21, 3-4.	0.4	2
27	X-ray Micro-CT Study of Cabeço de Vide Serpentinites and Carbonate Rock Samples: A Preliminary Approach. Procedia Earth and Planetary Science, 2017, 17, 952-955.	0.6	2
28	Comparaço da obturaço endodntica pelas tcnicas de condensaço lateral, hbrida de Tagger e Thermafil: estudo piloto com Micro-tomografia computadorizada. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2011, 52, 59-69.	0.0	1
29	Complementary imaging and characterization methodology of polychrome composites in gilded woodcarving using Micro-CT, SEM-EDX and OM. Microscopy and Microanalysis, 2015, 21, 148-149.	0.4	1
30	Water-stone Interaction in Contemporary works of the Built Environment. Procedia Earth and Planetary Science, 2017, 17, 320-323.	0.6	1
31	Mean X-ray attenuation of salivary calculi computed from microtomography data. Microscopy and Microanalysis, 2015, 21, 62-63.	0.4	0