AntÃ³nio M A S MaurÃ-cio

List of Publications by Year
in descending order

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	Experimental and numerical characterization of 3D-printed scaffolds under monotonic compression with the aid of micro-CT volume reconstruction. Bio-Design and Manufacturing, 2021, 4, 222-242.	7.7	14
2	On the effect of design and fabrication parameters on mechanical performance of 3D printed PLA scaffolds. Bioprinting, 2020, 20, e00096.	5.8	30
3	Micro <scp>X</scp>â€ray computed tomography suggests cooperative feeding among adult invasive bugs <scp>L</scp>eptoglossus occidentalis on mature seeds of stone pine <scp>P</scp>inus pinea. Agricultural and Forest Entomology, 2018, 20, 18-27.	1.3	21
4	Local Response of Sialoliths to Lithotripsy: Cues on Fragmentation Outcome. Microscopy and Microanalysis, 2017, 23, 584-598.	0.4	3
5	A Study of Salt Weathering Cycles Impact on Limestones. Procedia Earth and Planetary Science, 2017, 17, 316-319.	0.6	5
6	Water-stone Interaction in Contemporary works of the Built Environment. Procedia Earth and Planetary Science, 2017, 17, 320-323.	0.6	1
7	A Critical Discussion of Salt Weathering Laboratory Tests for Assessment of Petrological Features Susceptibility. Procedia Earth and Planetary Science, 2017, 17, 324-327.	0.6	14
8	X-ray Micro-CT Study of CabeÃ§o de Vide Serpentinites and Carbonate Rock Samples: A Preliminary Approach. Procedia Earth and Planetary Science, 2017, 17, 952-955.	0.6	2
9	Mean X-ray attenuation of salivary calculi computed from microtomography data. Microscopy and Microanalysis, 2015, 21, 62-63.	0.4	0
10	Porosity Structures and Capillary Migration in Granites and Limestones. Microscopy and Microanalysis, 2015, 21, 3-4.	0.4	2
11	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
12	Tailoring of structures and permeation properties of asymmetric nanocomposite cellulose acetate/silver membranes. Journal of Applied Polymer Science, 2015, 132, .	2.6	7
13	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
14	Micro-computed tomography and compressive characterization of trabecular bone. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 438, 199-205.	4.7	13
15	Non-destructive microtomography-based imaging and measuring laboratory-induced degradation of travertine, a random heterogeneous geomaterial used in urban heritage. Environmental Earth Sciences, 2013, 69, 1471-1480.	2.7	11
16	Effect of feldspar porcelain coating upon the wear behavior of zirconia dental crowns. Wear, 2013, 297, 872-877.	3.1	28
17	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
18	Structure and Growth of Sialoliths: Computed Microtomography and Electron Microscopy Investigation of 30 Specimens. Microscopy and Microanalysis, 2013, 19, 1190-1203.	0.4	19

#	Article	IF	Citations
19	Susceptibility of Limestone Petrographic Features to Salt Weathering: A Scanning Electron Microscopy Study. Microscopy and Microanalysis, 2013, 19, 1231-1240.	0.4	7
20	Microstructural Analysis of Iberian Expanded Clay Aggregates. Microscopy and Microanalysis, 2012, 18, 1190-1208.	0.4	33
21	ComparaÃ§Ã£o da obturaÃ§Ã£o endodÃ´ntica pelas tÃ©cnicas de condensaÃ§Ã£o lateral, hÃbrida de Tagger e Thermafil: estudo piloto com Micro-tomografia computorizada. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2011, 52, 59-69.	0.0	1
22	Limestones under salt decay tests: assessment of pore network-dependent durability predictors. Environmental Earth Sciences, 2011, 63, 1511-1527.	2.7	37
23	Laboratory-Induced Endolithic Growth in Calcarenites: Biodeteriorating Potential Assessment. Microbial Ecology, 2010, 60, 55-68.	2.8	25
24	Alteration Features of Stones Applied in Underground Metro Stations. Materials Science Forum, 2010, 636-637, 1292-1299.	0.3	2
25	Pore structure and durability of Portuguese limestones: a case study. Geological Society Special Publication, 2010, 331, 157-169.	1.3	11
26	The weathering and weatherability of BasÃlica da Estrela stones, Lisbon, Portugal. Geological Society Special Publication, 2007, 271, 99-107.	1.3	3
27	Thermal Stresses. , 2006, , 427-437.		5
28	An ionic conductivity-based methodology for monitoring salt systems in monument stones. Journal of Cultural Heritage, 2005, 6, 287-293.	3.3	7
29	Title is missing!. Mathematical Geosciences, 2000, 32, 619-642.	0.9	11
30	Microtomography-Based Pore Structure Modelling of Geologic Materials Used as Building and Dimension Stones. Materials Science Forum, 0, 636-637, 1306-1312.	0.3	7
31	Performance of Stones Under Different Conditions: A Study of Metro Stations. Materials Science Forum, 0, 730-732, 474-479.	0.3	2