

Avacir Casanova Andrello

List of Publications by Year in descending order

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35
papers

296
citations

1040056

9
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Proposal of maintenance methodology for pervious concrete (PC) after the phenomenon of clogging. <i>Construction and Building Materials</i> , 2020, 248, 118672.	7.2	29
2	Biogenic aggregation intensifies soil improvement caused by manures. <i>Soil and Tillage Research</i> , 2019, 190, 186-193.	5.6	28
3	Effect of light-curing protocols on the mechanical behavior of bulk-fill resin composites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 381-387.	3.1	25
4	A Micro-computed Tomographic Evaluation of the Accuracy of 3 Electronic Apex Locators in Curved Canals of Mandibular Molars. <i>Journal of Endodontics</i> , 2018, 44, 1872-1877.	3.1	22
5	Three consecutive days of application of LED therapy is necessary to inhibit experimentally induced root resorption in rats: a microtomographic study. <i>Lasers in Medical Science</i> , 2017, 32, 181-187.	2.1	15
6	Copper pyrovanadate electrodes prepared by combustion synthesis: evaluation of photoelectroactivity. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1935-1950.	2.5	13
7	Hydraulic and morphological characterization of clogged pervious concrete (PC). <i>Construction and Building Materials</i> , 2022, 322, 126464.	7.2	12
8	Tank-inflorescence in <i>Nidularium innocentii</i> (Bromeliaceae): three-dimensional model and development. <i>Botanical Journal of the Linnean Society</i> , 2017, 185, 413-424.	1.6	11
9	Mortars with the addition of bacterial spores: Evaluation of porosity using different test methods. <i>Journal of Building Engineering</i> , 2020, 30, 101235.	3.4	11
10	Relationship of levels of trace elements in saliva and dental caries in preschool children using total reflection X-ray fluorescence technique (TXRF). <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 63, 126663.	3.0	11
11	Hydrogels of starch/carboxymethyl cellulose crosslinked with sodium trimetaphosphate via reactive extrusion. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50194.	2.6	11
12	Physical and chemical characterization of LiCoO ₂ cathode material extracted from commercial cell phone batteries with low and high states of health. <i>Materials Chemistry and Physics</i> , 2018, 213, 198-207.	4.0	9
13	Higher Speed and No Glide Path: A New Protocol to Increase the Efficiency of XP Shaper in Curved Canals—An In Vitro Study. <i>Journal of Endodontics</i> , 2020, 46, 103-109.	3.1	9
14	Use of cesium-137 methodology in the evaluation of superficial erosive processes. <i>Brazilian Archives of Biology and Technology</i> , 2003, 46, 307-314.	0.5	8
15	Analysis of saliva and gingival crevice fluid by total reflection X-ray fluorescence (TXRF). <i>X-Ray Spectrometry</i> , 2016, 45, 220-224.	1.4	8
16	Impact of light-cure protocols on the porosity and shrinkage of commercial bulk fill dental resin composites with different flowability. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	8
17	Effects of Futsal Demands on Serum and Salivary Levels of Trace Elements and Minerals Detected by Total Reflection X-Ray Fluorescence. <i>Biological Trace Element Research</i> , 2020, 193, 73-80.	3.5	7
18	Soil erosion determination in a watershed from northern Paraná (Brazil) using ¹³⁷ Cs. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 659-667.	0.5	6

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19	Study of plant remains from a fluvial shellmound (Monte Castelo, RO, Brazil) using the X-ray MicroCT imaging technique. <i>Journal of Archaeological Science: Reports</i> , 2019, 26, 101902.	0.5	6
20	Assesment of soil erosion by ¹³⁷ Cs technique in native forests in Londrina City, Parana, Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 1051-1060.	0.5	5
21	Measurements of the fallout flux of beryllium-7 and its variability in the soil. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 179-184.	0.5	5
22	Uncertainties of the ¹³⁷ Cs technique for validation of soil redistribution modelling in a semiarid meso-scale watershed. <i>Engenharia Agrícola</i> , 2014, 34, 222-235.	0.7	5
23	Morphological study of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae) eggs by X-ray computed microtomography. <i>Micron</i> , 2019, 126, 102734.	2.2	5
24	Applicability of an X-ray and gamma-ray portable spectrometer for activity measurement of environmental soil samples. <i>Radiation Measurements</i> , 2010, 45, 801-805.	1.4	4
25	Non-destructive analytical techniques for the evaluation of cleaning and protection processes on white marble surfaces. <i>Journal of Cultural Heritage</i> , 2019, 37, 54-62.	3.3	4
26	Influence of Conventional or Invisalign Orthodontic Treatment on Mineral and Trace Element Salivary Levels: Longitudinal Study with Total Reflection X-ray Fluorescence. <i>Biological Trace Element Research</i> , 2021, 199, 2565-2572.	3.5	4
27	The structure of tropical lateritic soils as an impacting factor in the shape of soil-water characteristic curves. <i>Soils and Rocks</i> , 2022, 45, 1-13.	0.5	4
28	Macro-elements in the hemolymph of adult <i>Euschistus heros</i> (Fabr.) (Hemiptera: Pentatomidae) treated with pyriproxyfen. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 220, 47-51.	2.6	3
29	Design and Application of Multi-layer Starch-Latex Blends as Phosphorous Delivery System. <i>Journal of Polymers and the Environment</i> , 2021, 29, 2000-2012.	5.0	3
30	Mussel Shell Evaluation as Bioindicator For Heavy Metals. , 2010, , .		2
31	Circulating Concentration of Chemical Elements During Exercise-Induced Muscle Damage and the Repeated Bout Effect. <i>Biological Trace Element Research</i> , 2022, 200, 1060-1070.	3.5	2
32	Application of artificial neural networks in the study of Mozzarella cheese salting. <i>Food Science and Technology</i> , 2021, 41, 375-385.	1.7	1
33	Characterization of dental fragments of <i>Toxodon</i> sp. (Mammalia, Notoungulata) by multiple physical and chemical techniques. <i>Vibrational Spectroscopy</i> , 2021, 114, 103248.	2.2	0
34	The effect of pyriproxyfen on the concentration of circulating metabolic fuel molecules and chemical elements in the hemolymph of <i>Acraea horta</i> L. (Lepidoptera: Nymphalidae): A quantitative analysis. <i>Pesticide Biochemistry and Physiology</i> , 2021, 177, 104907.	3.6	0
35	Fresh and pasteurized orange juice analysis by TXRF. <i>Semina: Ciências Exatas E Tecnológicas</i> , 2021, 42, 221.	0.1	0