

Gregorio Dal Sasso

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

610
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	An Atomistic Model Describing the Structure and Morphology of Cu-Doped C-S-H Hardening Accelerator Nanoparticles. <i>Nanomaterials</i> , 2022, 12, 342.	4.1	9
2	On the amorphous layer in bone mineral and biomimetic apatite: A combined small- and wide-angle X-ray scattering analysis. <i>Acta Biomaterialia</i> , 2021, 120, 167-180.	8.3	20
3	Urea-functionalized amorphous calcium phosphate nanofertilizers: optimizing the synthetic strategy towards environmental sustainability and manufacturing costs. <i>Scientific Reports</i> , 2021, 11, 3419.	3.3	40
4	Engineering Biomimetic Calcium Phosphate Nanoparticles: A Green Synthesis of Slow-Release Multinutrient (NPK) Nanofertilizers. <i>ACS Applied Bio Materials</i> , 2020, 3, 1344-1353.	4.6	89
5	The role of nanoparticle structure and morphology in the dissolution kinetics and nutrient release of nitrate-doped calcium phosphate nanofertilizers. <i>Scientific Reports</i> , 2020, 10, 12396.	3.3	26
6	Comparison between different image acquisition methods for grain-size analysis and quantification of ceramic inclusions by digital image processing: how much similar are the results?. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	7
7	Reducing Nitrogen Dosage in <i>Triticum durum</i> Plants with Urea-Doped Nanofertilizers. <i>Nanomaterials</i> , 2020, 10, 1043.	4.1	44
8	A Microscopic View of Ancient Bones: , 2020, , 234-249.		0
9	Fish and salt: The successful recipe of White Nile Mesolithic hunter-gatherer-fishers. <i>Journal of Archaeological Science</i> , 2018, 92, 48-62.	2.4	56
10	Raman hyperspectral imaging as an effective and highly informative tool to study the diagenetic alteration of fossil bones. <i>Talanta</i> , 2018, 179, 167-176.	5.5	22
11	Lead isotope systematics in ophiolite-associated sulphide deposits from the Western Alps and Northern Apennine (Italy). <i>European Journal of Mineralogy</i> , 2018, 30, 17-31.	1.3	9
12	Archaeometric study on the ceramic production of the Roman Time potters' quarter of via Montona in Padua, Italy: From the reference groups to the regional distribution of coarse and fine ware. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	2
13	Radiocarbon dating reveals the timing of formation and development of pedogenic calcium carbonate concretions in Central Sudan during the Holocene. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 16-35.	3.9	14
14	A universal curve of apatite crystallinity for the assessment of bone integrity and preservation. <i>Scientific Reports</i> , 2018, 8, 12025.	3.3	66
15	Differentiating between long and short range disorder in infra-red spectra: on the meaning of 'crystallinity' in silica. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21783-21790.	2.8	7
16	Late Pleistocene/Early Holocene Evidence of Prostatic Stones at Al Khiday Cemetery, Central Sudan. <i>PLoS ONE</i> , 2017, 12, e0169524.	2.5	9
17	Long-distance connections in the Copper Age: New evidence from the Alpine Iceman's copper axe. <i>PLoS ONE</i> , 2017, 12, e0179263.	2.5	36
18	Bone diagenesis variability among multiple burial phases at Al Khiday (Sudan) investigated by ATR-FTIR spectroscopy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 463, 168-179.	2.3	52

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19	Bone diagenesis at the micro-scale: Bone alteration patterns during multiple burial phases at Al Khiday (Khartoum, Sudan) between the Early Holocene and the II century AD. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 30-42.	2.3	53
20	Discriminating pottery production by image analysis: a case study of Mesolithic and Neolithic pottery from Al Khiday (Khartoum, Sudan). <i>Journal of Archaeological Science</i> , 2014, 46, 125-143.	2.4	45