Gregorio Dal Sasso

List of Publications by Year
in descending order

20	610	687363 13	752698 20
papers	citations	h-index	g-index

21	21	21	669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering Biomimetic Calcium Phosphate Nanoparticles: A Green Synthesis of Slow-Release Multinutrient (NPK) Nanofertilizers. ACS Applied Bio Materials, 2020, 3, 1344-1353.	4.6	89
2	A universal curve of apatite crystallinity for the assessment of bone integrity and preservation. Scientific Reports, 2018, 8, 12025.	3.3	66
3	Fish and salt: The successful recipe of White Nile Mesolithic hunter-gatherer-fishers. Journal of Archaeological Science, 2018, 92, 48-62.	2.4	56
4	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. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 416, 30-42.	2.3	53
5	Bone diagenesis variability among multiple burial phases at Al Khiday (Sudan) investigated by ATR-FTIR spectroscopy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 463, 168-179.	2.3	52
6	Discriminating pottery production by image analysis: a case study of Mesolithic and Neolithic pottery from Al Khiday (Khartoum, Sudan). Journal of Archaeological Science, 2014, 46, 125-143.	2.4	45
7	Reducing Nitrogen Dosage in Triticum durum Plants with Urea-Doped Nanofertilizers. Nanomaterials, 2020, 10, 1043.	4.1	44
8	Urea-functionalized amorphous calcium phosphate nanofertilizers: optimizing the synthetic strategy towards environmental sustainability and manufacturing costs. Scientific Reports, 2021, 11, 3419.	3.3	40
9	Long-distance connections in the Copper Age: New evidence from the Alpine Icemanâ€™s copper axe. PLoS ONE, 2017, 12, e0179263.	2.5	36
10	The role of nanoparticle structure and morphology in the dissolution kinetics and nutrient release of nitrate-doped calcium phosphate nanofertilizers. Scientific Reports, 2020, 10, 12396.	3.3	26
11	Raman hyperspectral imaging as an effective and highly informative tool to study the diagenetic alteration of fossil bones. Talanta, 2018, 179, 167-176.	5.5	22
12	On the amorphous layer in bone mineral and biomimetic apatite: A combined small- and wide-angle X-ray scattering analysis. Acta Biomaterialia, 2021, 120, 167-180.	8.3	20
13	Radiocarbon dating reveals the timing of formation and development of pedogenic calcium carbonate concretions in Central Sudan during the Holocene. Geochimica Et Cosmochimica Acta, 2018, 238, 16-35.	3.9	14
14	Lead isotope systematics in ophiolite-associated sulphide deposits from the Western Alps and Northern Apennine (Italy). European Journal of Mineralogy, 2018, 30, 17-31.	1.3	9
15	Late Pleistocene/Early Holocene Evidence of Prostatic Stones at Al Khiday Cemetery, Central Sudan. PLoS ONE, 2017, 12, e0169524.	2.5	9
16	An Atomistic Model Describing the Structure and Morphology of Cu-Doped C-S-H Hardening Accelerator Nanoparticles. Nanomaterials, 2022, 12, 342.	4.1	9
17	Differentiating between long and short range disorder in infra-red spectra: on the meaning of â€œcrystallinityâ€•in silica. Physical Chemistry Chemical Physics, 2017, 19, 21783-21790.	2.8	7
18	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?. Archaeological and Anthropological Sciences, 2020, 12, 1.	1.8	7

#	Article	IF	Citations
19	Archaeometric study on the ceramic production of the Roman Time pottersâ€™ quarter of via Montona in Padua, Italy: From the reference groups to the regional distribution of coarse and fine ware. European Physical Journal Plus, 2018, 133, 1.	2.6	2
20	A Microscopic View of Ancient Bones:. , 2020, , 234-249.		0