Miguel Ortega Huertas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6682096/publications.pdf

Version: 2024-02-01

48 papers	2,247 citations	279798 23 h-index	223800 46 g-index
50 all docs	50 docs citations	50 times ranked	2963 citing authors

#	Article	IF	Citations
1	Rapid Climate Changes in the Westernmost Mediterranean (Alboran Sea) Over the Last 35 kyr: New Insights From Four Lipid Paleothermometers (U^{K'}₃₇,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 737 Td		
2	Late Pleistocene oceanographic and depositional variations along the Wilkes Land margin (East) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Change, 2020, 184, 103045.	3.5	16
3	Microscale trace-element distribution across the Cretaceous/Palaeogene ejecta layer at the Agost section: Constraining the recovery of pre-impact conditions. Chemical Geology, 2020, 533, 119431.	3.3	5
4	Bioinspired Alkoxysilane Conservation Treatments for Building Materials Based on Amorphous Calcium Carbonate and Oxalate Nanoparticles. ACS Applied Nano Materials, 2019, 2, 4954-4967.	5.0	20
5	Appraising timing response of paleoenvironmental proxies to the Bond cycle in the western Mediterranean over the last 20Âkyr. Climate Dynamics, 2018, 50, 2925-2934.	3.8	5
6	Influence of pH and citrate on the formation of oxalate layers on calcite revealed by in situ nanoscale imaging. CrystEngComm, 2017, 19, 3420-3429.	2.6	14
7	Crystallographic Control in the Replacement of Calcite by Calcium Sulfates. Crystal Growth and Design, 2016, 16, 4950-4959.	3.0	17
8	Palaeoclimate and palaeoceanographic conditions in the westernmost Mediterranean over the last millennium: an integrated organic and inorganic approach. Journal of the Geological Society, 2015, 172, 264-271.	2.1	14
9	Paleoclimate and paleoceanography over the past 20,000Âyr in the Mediterranean Sea Basins as indicated by sediment elemental proxies. Quaternary Science Reviews, 2015, 107, 25-46.	3.0	142
10	Rapid bottom-water circulation changes during the last glacial cycle in the coastal low-latitude NE Atlantic. Quaternary Research, 2014, 81, 330-338.	1.7	12
11	A Nondestructive Methodology for the Study of Colored Enamels: Insights into Manufacturing and Weathering Processes. Journal of the American Ceramic Society, 2013, 96, 2132-2140.	3.8	3
12	Change in the chicken eggshell cuticle with hen age and egg freshness. Poultry Science, 2013, 92, 3026-3035.	3.4	63
13	Climate imprints during the â€˜Medieval Climate Anomalyâ€™ and the â€˜Little Ice Ageâ€™ in marine records from the Alboran Sea basin. Holocene, 2013, 23, 1227-1237.	1.7	36
14	Boron incorporation into calcite during growth: Implications for the use of boron in carbonates as a pH proxy. Earth and Planetary Science Letters, 2012, 345-348, 9-17.	4.4	30
15	Automatic sample changer for the analysis of powder samples on an X-ray single-crystal diffractometer equipped with an area detector. Journal of Applied Crystallography, 2012, 45, 135-137.	4.5	1
16	Tracking climate variability in the western Mediterranean during the Late Holocene: a multiproxy approach. Climate of the Past, 2011, 7, 1395-1414.	3.4	83
17	Productivity patterns and N-fixation associated with Pliocene-Holocene sapropels: paleoceanographic and paleoecological significance. Biogeosciences, 2011, 8, 415-431.	3.3	19
18	Crystallographic Control of the Hydrothermal Conversion of Calcitic Sea Urchin Spine (Paracentrotus lividus) into Apatite. Crystal Growth and Design, 2010, 10, 5227-5232.	3.0	25

#	Article	IF	Citations
19	Trace-elemental derived paleoceanographic and paleoclimatic conditions for Pleistocene Eastern Mediterranean sapropels. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 293, 76-89.	2.3	63
20	Correction to â€œDetrital input, productivity fluctuations, and water mass circulation in the westernmost Mediterranean Sea since the Last Glacial Maximumâ€• Geochemistry, Geophysics, Geosystems, 2009, 10, n/a-n/a.	2.5	0
21	Thermal decomposition of calcite: Mechanisms of formation and textural evolution of CaO nanocrystals. American Mineralogist, 2009, 94, 578-593.	1.9	344
22	Detrital input, productivity fluctuations, and water mass circulation in the westernmost Mediterranean Sea since the Last Glacial Maximum. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	65
23	Climate forcing and Neanderthal extinction in Southern Iberia: insights from a multiproxy marine record. Quaternary Science Reviews, 2007, 26, 836-852.	3.0	96
24	Plioceneâ€“Holocene evolution of depositional conditions in the eastern Mediterranean: Role of anoxia vs. productivity at time of sapropel deposition. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 246, 424-439.	2.3	121
25	Durability of masonry systems: A laboratory study. Construction and Building Materials, 2007, 21, 40-51.	7.2	81
26	Rare earth element composition as evidence of the precursor material of Cretaceousâ€“Tertiary boundary sediments at distal sections. Chemical Geology, 2006, 232, 1-11.	3.3	21
27	Microstructure and crystallographic-texture of giant barnacle (Austromegabalanus psittacus) shell. Journal of Structural Biology, 2006, 156, 355-362.	2.8	52
28	Automatic Crystal Size Determination in the Micrometer Range from Spotty X-Ray Diffraction Rings of Powder Samples. Journal of the American Ceramic Society, 2006, 89, 060427083300005-???.	3.8	11
29	Forced and natural carbonation of lime-based mortars with and without additives: Mineralogical and textural changes. Cement and Concrete Research, 2005, 35, 2278-2289.	11.0	151
30	Nanostructure and Irreversible Colloidal Behavior of Ca(OH)2:Â Implications in Cultural Heritage Conservation. Langmuir, 2005, 21, 10948-10957.	3.5	152
31	Cretaceous-Tertiary boundary at Blake Nose (Ocean Drilling Program Leg 171B): A record of the Chicxulub impact ejecta. , 2002, , .		3
32	Review of the mineralogy of the Cretaceous-Tertiary boundary clay: evidence supporting a major extraterrestrial catastrophic event. Clay Minerals, 2002, 37, 395-411.	0.6	18
33	Climate, tectonics and meteoritic impact expressed by clay mineral sedimentation across the Cretaceousâ€“Tertiary boundary at Blake Nose, Northwestern Atlantic. Clay Minerals, 2001, 36, 49-60.	0.6	8
34	Geochemistry of the Cretaceous-Tertiary boundary at Blake Nose (ODP Leg 171B). Geological Society Special Publication, 2001, 183, 131-148.	1.3	12
35	K-T boundary spherules from Blake Nose (ODP Leg 171B) as a record of the Chicxulub ejecta deposits. Geological Society Special Publication, 2001, 183, 149-161.	1.3	13
36	Geochemical evidence for enhanced productivity during S1 sapropel deposition in the eastern Mediterranean. Paleoceanography, 2000, 15, 200-209.	3.0	68

#	Article	IF	Citations
37	Positive Eu anomaly development during diagenesis of the K/T boundary ejecta layer in the Agost section (SE Spain): implications for trace-element remobilization. Terra Nova, 1999, 11, 290-296.	2.1	58
38	Quench textures in altered spherules from the Cretaceous-Tertiary boundary layer at Agost and Caravaca, SE Spain. Sedimentary Geology, 1997, 113, 137-147.	2.1	35
39	Stratigraphy and geochemical anomalies of the early Toarcian oxygen-poor interval in the Umbria-Marche Apennines (Italy). Geobios, 1996, 29, 469-484.	1.4	34
40	Evolution of Illite/Smectite from Early Diagenesis through Incipient Metamorphism in Sediments of the Basque-Cantabrian Basin. Clays and Clay Minerals, 1996, 44, 304-323.	1.3	90
41	Regional retrograde alteration of sub-greenschist facies chlorite to smectite. Contributions To Mineralogy and Petrology, 1994, 115, 243-252.	3.1	63
42	First Data on Clay Mineral Assemblages and Geochemical Characteristics of Toarcian Sedimentation in the umbriamarche basin (central italy). Clay Minerals, 1993, 28, 297-310.	0.6	13
43	Title is missing!. Estudios Geologicos, 1993, 49, .	0.2	6
44	The geochemistry and mineralogy of the Cretaceous-Tertiary boundary at Agost (southeast Spain). Chemical Geology, 1992, 95, 265-281.	3.3	37
45	Diagenesis of the Central Basque-Cantabrian Basin (Iberian Peninsula) based on illite-smectite distribution. Clay Minerals, 1991, 26, 535-548.	0.6	27
46	A mineralogical and geochemical approach to establishing a sedimentary model in a passive continental margin (Subbetic Zone, Betic Cordilleras, SE Spain). Clay Minerals, 1991, 26, 389-407.	0.6	19
47	Some crystallochemical and petrographic criteria for determining source rocks and sedimentary processes. The example of Neogene deposits of the Alpujarran Corridor (Betic Cordillera, SE Spain). Clay Minerals, 1989, 24, 603-616.	0.6	4
48	Genesis and evolution of strontium deposits of the granada basin (Southeastern Spain): Evidence of diagenetic replacement of a stromatolite belt. Sedimentary Geology, 1984, 39, 281-298.	2.1	59