

Antonio SÃ¡nchez Navas

List of Publications by Year in descending order

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45
papers

1,202
citations

304743

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377865

34
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46
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docs citations

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times ranked

1545
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic biomineralization of Mg-rich carbonates: Implications for natural environments. <i>Chemical Geology</i> , 2011, 281, 143-150.	3.3	116
2	TEM study of mullite growth after muscovite breakdown. <i>American Mineralogist</i> , 2003, 88, 713-724.	1.9	96
3	Microbial mediated formation of Fe-carbonate minerals under extreme acidic conditions. <i>Scientific Reports</i> , 2014, 4, 4767.	3.3	68
4	Crystal-Growth Behavior in Ca ²⁺ Mg Carbonate Bacterial Spherulites. <i>Crystal Growth and Design</i> , 2009, 9, 2690-2699.	3.0	60
5	Amorphous Ca-phosphate precursors for Ca-carbonate biominerals mediated by <i>Chromohalobacter marismortui</i> . <i>ISME Journal</i> , 2010, 4, 922-932.	9.8	57
6	Experimentally determined biomediated Sr partition coefficient for dolomite: Significance and implication for natural dolomite. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 887-904.	3.9	52
7	Nacre and false nacre (foliated aragonite) in extant monoplacophorans (=Tryblidiida: Mollusca). <i>Die Naturwissenschaften</i> , 2009, 96, 111-122.	1.6	46
8	Glaucony authigenesis, maturity and alteration in the Weddell Sea: An indicator of paleoenvironmental conditions before the onset of Antarctic glaciation. <i>Scientific Reports</i> , 2019, 9, 13580.	3.3	43
9	Bacterially-mediated authigenesis of clays in phosphate stromatolites. <i>Sedimentology</i> , 1998, 45, 519-533.	3.1	42
10	Phosphate stromatolites from condensed cephalopod limestones, Upper Jurassic, Southern Spain. <i>Sedimentology</i> , 1995, 42, 893-919.	3.1	39
11	Carbonate and Phosphate Precipitation by <i>Chromohalobacter marismortui</i> . <i>Geomicrobiology Journal</i> , 2006, 23, 89-101.	2.0	39
12	Carbonate and Phosphate Precipitation by <i>Chromohalobacter marismortui</i> . <i>Geomicrobiology Journal</i> , 2006, 23, 1-13.	2.0	39
13	ANALYSIS OF NASRID POLYCHROME CARPENTRY AT THE HALL OF THE MEXUAR PALACE, ALHAMBRA COMPLEX (GRANADA, SPAIN), COMBINING MICROSCOPIC, CHROMATOGRAPHIC AND SPECTROSCOPIC METHODS*. <i>Archaeometry</i> , 2009, 51, 637-657.	1.3	34
14	Pre-Alpine discordant granitic dikes in the metamorphic core of the Betic Cordillera: tectonic implications. <i>Terra Nova</i> , 2014, 26, 477-486.	2.1	32
15	Depositional controls on glaucony texture and composition, Upper Jurassic, West Siberian Basin. <i>Sedimentology</i> , 2007, 54, 1365-1387.	3.1	31
16	COLOR, MINERALOGY AND COMPOSITION OF UPPER JURASSIC WEST SIBERIAN GLAUCONITE: USEFUL INDICATORS OF PALEOENVIRONMENT. <i>Canadian Mineralogist</i> , 2008, 46, 1249-1268.	1.0	29
17	Isotopic evidence for dolomite formation in soils. <i>Chemical Geology</i> , 2013, 347, 20-33.	3.3	29
18	Genesis of apatite in phosphate stromatolites. <i>European Journal of Mineralogy</i> , 2001, 13, 361-376.	1.3	27

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19	Polymetamorphism in the Alpujarride Complex, Betic Cordillera, South Spain. <i>Journal of Geology</i> , 2017, 125, 637-657.	1.4	25
20	Sequential kinetics of a muscovite-out reaction; a natural example. <i>American Mineralogist</i> , 1999, 84, 1270-1286.	1.9	25
21	Crystal Growth in the Foliated Aragonite of Monoplacophorans (Mollusca). <i>Crystal Growth and Design</i> , 2009, 9, 4574-4580.	3.0	24
22	Crystal growth of lead carbonates: Influence of the medium and relationship between structure and habit. <i>Journal of Crystal Growth</i> , 2013, 376, 1-10.	1.5	24
23	Chemical and textural controls on the formation of sepiolite, palygorskite and dolomite in volcanic soils. <i>Geoderma</i> , 2016, 271, 99-114.	5.1	24
24	Oriented growth of garnet by topotactic reactions and epitaxy in high-pressure, mafic garnet granulite formed by dehydration melting of metastable hornblende + gabbro-norite (Jijal Complex,). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.4	22
25	Experimental Clay-Mineral Formation from a Subvolcanic Rock by Interaction with 1 M NaOH Solution at Room Temperature. <i>Clays and Clay Minerals</i> , 2001, 49, 92-106.	1.3	19
26	Role of clay minerals in the formation of atmospheric aggregates of Saharan dust. <i>Atmospheric Environment</i> , 2015, 120, 160-172.	4.1	19
27	Transformation of Andalusite to Kyanite in the Alpujarride Complex (Betic Cordillera, Southern) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 17</i>	1.4	17
28	Title is missing!. , 2000, , 499-525.		15
29	Powder X-ray Thermodiffraction Study of Mirabilite and Epsomite Dehydration. Effects of Direct IR-Irradiation on Samples. <i>Analytical Chemistry</i> , 2007, 79, 4455-4462.	6.5	14
30	Spectroscopic study of chromium, iron, OH, fluid and mineral inclusions in uvarovite and fuchsite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2261-2268.	3.9	13
31	Textural and isotopic evidence for Ca-Mg carbonate pedogenesis. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 485-507.	3.9	9
32	Physico-chemical characteristics of superoxide dismutase in <i>Ascaris suum</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1989, 92, 737-740.	0.2	8
33	Crystal Growth of Inorganic and Biomediated Carbonates and Phosphates. , 0, , .		8
34	Evidence of a long C-C attractive interaction in cerussite mineral: QTAIM and ELF analyses. <i>Journal of Molecular Modeling</i> , 2014, 20, 2425.	1.8	8
35	The Formation of Manganese Dendrites as the Mineral Record of Flow Structures. , 1994, , 307-318.		8
36	Transformation of kyanite to andalusite in the Benamocarra Unit (Betic Cordillera, S. Spain). Kinetics and petrological significance. <i>European Journal of Mineralogy</i> , 2016, 28, 337-353.	1.3	7

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37	Saharan dust outbreaks and iberulite episodes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7064-7078.	3.3	7
38	A methodology for timing interventions made on the polychrome decorations of the facade of the Palace of King Peter I, the Royal Alcázar of Seville, Spain. <i>Journal of Cultural Heritage</i> , 2016, 20, 573-582.	3.3	6
39	A shallow origin for diamonds in ophiolitic chromitites: REPLY. <i>Geology</i> , 2019, 47, e477-e478.	4.4	6
40	Paleozoic Basement and Pre-Alpine History of the Betic Cordillera. <i>Regional Geology Reviews</i> , 2019, , 261-305.	1.2	5
41	Pictorial materials used in the polychrome decorations of the facade of the palace of King Pedro I (The Royal Alcazar of Seville, Spain). <i>Materiales De Construccion</i> , 2015, 65, e054.	0.7	5
42	SEM-EDX at the Service of Archaeology to Unravel Historical Technology. <i>Microscopy Today</i> , 2009, 17, 28-33.	0.3	3
43	Cu ²⁺ -Zn-superoxide dismutase activity in <i>Moniezia expansa</i> : Inhibition by pyrimidine derivatives. <i>International Journal for Parasitology</i> , 1989, 19, 743-748.	3.1	1
44	The impact of individual relationships on performance and reformation of R&D alliances. <i>Journal of Industrial Engineering and Management</i> , 2015, 8, .	1.5	1
45	Trace element fractionation in water-bearing silicic magmas. <i>Journal of Iberian Geology</i> , 2021, 47, 263-279.	1.3	0