

Nuria SÃ¡nchez-Pastor

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

461
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractionation behavior of chromium isotopes during coprecipitation with calcium carbonate: Implications for their use as paleoclimatic proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 221-235.	3.9	60
2	Influence of Gelatin Hydrogel Porosity on the Crystallization of CaCO ₃ . <i>Crystal Growth and Design</i> , 2014, 14, 1531-1542.	3.0	53
3	Growth of Calcium Carbonate in the Presence of Cr(VI). <i>Crystal Growth and Design</i> , 2011, 11, 3081-3089.	3.0	51
4	The carbonatation of gypsum: Pathways and pseudomorph formation. <i>American Mineralogist</i> , 2009, 94, 1223-1234.	1.9	49
5	Relationships between crystal morphology and composition in the (Ba,Sr)SO ₄ ·H ₂ O solid solution–aqueous solution system. <i>Chemical Geology</i> , 2006, 225, 266-277.	3.3	38
6	Crystallization of ikaite and its pseudomorphic transformation into calcite: Raman spectroscopy evidence. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 175, 271-281.	3.9	33
7	Effects of Mg and Hydrogel Solid Content on the Crystallization of Calcium Carbonate in Biomimetic Counter-diffusion Systems. <i>Crystal Growth and Design</i> , 2014, 14, 4790-4802.	3.0	30
8	Epitaxial growth of celestite on barite (001) face at a molecular scale. <i>Surface Science</i> , 2005, 581, 225-235.	1.9	29
9	K ⁺ –Na ⁺ exchange in phlogopite on the scale of a single layer. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1954-1962.	3.9	25
10	The effect of on the growth of barite {001} and {210} surfaces: An AFM study. <i>Surface Science</i> , 2006, 600, 1369-1381.	1.9	21
11	Growth of Ba _x Sr _{1-x} SO ₄ nano-steps on barite (001) face. <i>Surface Science</i> , 2007, 601, 381-389.	1.9	15
12	A combined in situ AFM and SEM study of the interaction between celestite (001) surfaces and carbonate-bearing aqueous solutions. <i>Surface Science</i> , 2007, 601, 2973-2982.	1.9	9
13	Raman Study of Synthetic Witherite–Strontianite Solid Solutions. <i>Spectroscopy Letters</i> , 2011, 44, 500-504.	1.0	9
14	Vaterite Stability in the Presence of Chromate. <i>Spectroscopy Letters</i> , 2011, 44, 495-499.	1.0	8
15	Raman spectroscopic characterization of a synthetic, non-stoichiometric Cu–Ba uranyl phosphate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 196-202.	3.9	8
16	In Situ Nanoscale Observations of Metatorbernite Surfaces Interacted with Aqueous Solutions. <i>Environmental Science & Technology</i> , 2013, 47, 2636-2644.	10.0	8
17	Challenges to rutile-based geoscientific tools: low-temperature polymorphic TiO ₂ transformations and corresponding reactive pathways. <i>Scientific Reports</i> , 2020, 10, 7445.	3.3	7
18	On the effect of carbonate on barite growth at elevated temperatures. <i>American Mineralogist</i> , 2013, 98, 1235-1240.	1.9	6