

Maria de los Angeles Fernandez-Gonzalez

List of Publications by Year in descending order

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27
papers

916
citations

623734

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526287

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times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleation, growth, and zoning phenomena in crystallizing (Ba,Sr)CO ₃ , Ba(SO ₄ ,CrO ₄), (Ba,Sr)SO ₄ , and (Cd,Ca)CO ₃ solid solutions from aqueous solutions. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 3383-3397.	3.9	143
2	Uptake of dissolved Cd by biogenic and abiogenic aragonite: a comparison with sorption onto calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3859-3869.	3.9	131
3	The role of sulfate groups in controlling CaCO ₃ polymorphism. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6064-6076.	3.9	125
4	Direct calculation of thermodynamic properties of the barite/celestite solid solution from molecular principles. <i>Physics and Chemistry of Minerals</i> , 2000, 27, 291-300.	0.8	78
5	Co-crystallization of Co(II) with calcite: Implications for the mobility of cobalt in aqueous environments. <i>Chemical Geology</i> , 2008, 254, 87-100.	3.3	37
6	Concentric zoning patterns in crystallizing (Cd,Ca)CO ₃ solid solutions from aqueous solutions. <i>Mineralogical Magazine</i> , 1999, 63, 331-343.	1.4	36
7	Sorption of chromate ions diffusing through barite-hydrogel composites: implications for the fate and transport of chromium in the environment. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 783-795.	3.9	36
8	Title is missing!. <i>Aquatic Geochemistry</i> , 2000, 6, 133-146.	1.3	35
9	Characterization and Crystallization of Ba(SO ₄ ,SeO ₄) Solid Solution. <i>Crystal Growth and Design</i> , 2005, 5, 1371-1378.	3.0	33
10	Miscibility in the CaSO ₄ ·2H ₂ O–CaSeO ₄ ·2H ₂ O system: Implications for the crystallisation and dehydration behaviour. <i>Chemical Geology</i> , 2006, 225, 256-265.	3.3	33
11	Precipitation and mixing properties of the disordered (Mn,Ca)CO ₃ solid solution. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6147-6161.	3.9	32
12	Crystallisation of Ba(SO ₄ , CrO ₄) solid solutions from aqueous solutions. <i>Journal of Crystal Growth</i> , 1999, 200, 227-235.	1.5	25
13	Computational investigation of the influence of tetrahedral oxoanions (sulphate, selenate and) Tj ETQq1 1 0.784314 rgBT /Oylock I	3.6	22
14	Cobalt incorporation in calcite: Thermochemistry of (Ca,Co)CO ₃ solid solutions from density functional theory simulations. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 205-216.	3.9	18
15	Mixing Properties and Crystallization Behaviour of the Scheelite–Powellite Solid Solution. <i>Crystal Growth and Design</i> , 2007, 7, 545-552.	3.0	16
16	Thermodynamic properties of the (Ba,Pb)SO ₄ solid solution under ambient conditions: Implications for the behavior of Pb and Ra in the environment. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 105, 31-43.	3.9	15
17	Crystallization of nanostructured cobalt hydroxide carbonate at ambient conditions: a key precursor of Co ₃ O ₄ . <i>Mineralogical Magazine</i> , 2016, 80, 995-1011.	1.4	14
18	Fourier transform Raman spectroscopic study of Ba(SO ₄) _x (CrO ₄) _{1-x} solid solution. <i>Journal of Raman Spectroscopy</i> , 1999, 30, 105-114.	2.5	12

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19	Crystallization of zoned (Ba,Pb)SO ₄ single crystals from aqueous solutions in silica gel. <i>Journal of Crystal Growth</i> , 2008, 310, 4616-4622.	1.5	12
20	Crystallization of the (Cd,Ca)CO ₃ solid solution in double diffusion systems: the partitioning behaviour of Cd ²⁺ in calcite at different supersaturation rates. <i>Mineralogical Magazine</i> , 2008, 72, 433-436.	1.4	12
21	Crystal structure of cobalt hydroxide carbonate Co ₂ CO ₃ (OH) ₂ : density functional theory and X-ray diffraction investigation. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 868-873.	1.1	12
22	Crystallization behaviour of the (Mn,Ca)CO ₃ solid solution in silica gel: nucleation, growth and zoning phenomena. <i>Mineralogical Magazine</i> , 2009, 73, 269-284.	1.4	9
23	Growth of calcium carbonate in the presence of Se(VI) in silica hydrogel. <i>American Mineralogist</i> , 2013, 98, 1824-1833.	1.9	9
24	Precipitation behaviour in the system Ca^{2+}/Mn^{2+} <i>Chemical Geology</i> , 2018, 482, 91-100.	3.8	7
25	Lamellar Co_3O_4 nanoparticles recycled from synthetic cobalt carbonate: Core/shell morphology and magnetic properties. <i>Ceramics International</i> , 2017, 43, 10000-10004.	4.8	1
26	Dissolution and Sorption Processes on the Surface of Calcite in the Presence of High Co ²⁺ Concentration. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 23.	2.0	5
27	FT-Raman spectra of cis-bis(thiourea)selenium(II) chloride and bromide. <i>Journal of Molecular Structure</i> , 1999, 510, 107-112.	3.6	3