

Maria de los Angeles Fernandez-Gonzal

List of Publications by Year in descending order

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docs citations

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times ranked

874

citing authors

#	ARTICLE	IF	CITATIONS
1	Precipitation behaviour in the system Ca^{2+} - CO_3^{2-} - H_2O . <i>Chemical Geology</i> , 2018, 482, 91-100. Lamellar $\text{Co}_{3(\text{OH})_2(\text{CO}_3)_2}$ nanocrystals recycled from synthetic cobalt carbonate: Core/shell morphology and magnetic properties. <i>Ceramics International</i> , 2017, 43, 10889-10894.	3.3	7
2	Crystal structure of cobalt hydroxide carbonate $\text{Co}_{2(\text{OH})_2(\text{CO}_3)_2}$: density functional theory and X-ray diffraction investigation. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 868-873.	4.8	18
3	Dissolution and Sorption Processes on the Surface of Calcite in the Presence of High Co^{2+} Concentration. <i>Minerals</i> (Basel, Switzerland), 2017, 7, 23.	1.1	12
4	Crystallization of nanostructured cobalt hydroxide carbonate at ambient conditions: a key precursor of $\text{Co}_{3(\text{OH})_2(\text{CO}_3)_2}$. <i>Mineralogical Magazine</i> , 2016, 80, 995-1011.	2.0	5
5	Computational investigation of the influence of tetrahedral oxoanions (sulphate, selenate and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.3.6	1.4	14
6	Cobalt incorporation in calcite: Thermochemistry of $(\text{Ca},\text{Co})\text{CO}_3$ solid solutions from density functional theory simulations. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 205-216.	3.9	18
7	Thermodynamic properties of the $(\text{Ba},\text{Pb})\text{SO}_4$ 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
8	Growth of calcium carbonate in the presence of Se(VI) in silica hydrogel. <i>American Mineralogist</i> , 2013, 98, 1824-1833.	1.9	9
9	The role of sulfate groups in controlling CaCO_3 polymorphism. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6064-6076.	3.9	125
10	Precipitation and mixing properties of the disordered $(\text{Mn},\text{Ca})\text{CO}_3$ solid solution. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6147-6161.	3.9	32
11	Crystallization behaviour of the $(\text{Mn},\text{Ca})\text{CO}_3$ solid solution in silica gel: nucleation, growth and zoning phenomena. <i>Mineralogical Magazine</i> , 2009, 73, 269-284.	1.4	9
12	Crystallization of zoned $(\text{Ba},\text{Pb})\text{SO}_4$ single crystals from aqueous solutions in silica gel. <i>Journal of Crystal Growth</i> , 2008, 310, 4616-4622.	1.5	12
13	Co-crystallization of $\text{Co}^{(II)}$ with calcite: Implications for the mobility of cobalt in aqueous environments. <i>Chemical Geology</i> , 2008, 254, 87-100.	3.3	37
14	Crystallization of the $(\text{Cd},\text{Ca})\text{CO}_3$ 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
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	Miscibility in the $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}-\text{CaSeO}_4 \cdot 2\text{H}_2\text{O}$ system: Implications for the crystallisation and dehydration behaviour. <i>Chemical Geology</i> , 2006, 225, 256-265.	3.3	33
17	Characterization and Crystallization of $\text{Ba}(\text{SO}_4,\text{SeO}_4)$ Solid Solution. <i>Crystal Growth and Design</i> , 2005, 5, 1371-1378.	3.0	33

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19	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
20	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
21	Title is missing!. <i>Aquatic Geochemistry</i> , 2000, 6, 133-146.	1.3	35
22	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
23	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
24	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
25	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
26	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
27	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