

Juliane Weber

List of Publications by Year in descending order

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353
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#	ARTICLE	IF	CITATIONS
1	Organicâ€“mineral interfacial chemistry drives heterogeneous nucleation of Sr-rich (Ba _{<i>x</i>}) Tj ETQq1 1 0.784314 rgBT /Over the National Academy of Sciences of the United States of America, 2019, 116, 13221-13226.	7.1	45
2	Thermodynamics of the solid solution - Aqueous solution system (Ba,Sr,Ra)SO ₄ + H ₂ O: I. The effect of strontium content on radium uptake by barite. Applied Geochemistry, 2018, 89, 59-74.	3.0	45
3	Nano-structural features of barite crystals observed by electron microscopy and atom probe tomography. Chemical Geology, 2016, 424, 51-59.	3.3	33
4	Thermodynamics of the solid solution - Aqueous solution system (Ba,Sr,Ra)SO ₄ + H ₂ O: II. Radium retention in barite-type minerals at elevated temperatures. Applied Geochemistry, 2018, 93, 190-208.	3.0	29
5	Retention of ²²⁶ Ra by barite: The role of internal porosity. Chemical Geology, 2017, 466, 722-732.	3.3	26
6	The solid solutionâ€“aqueous solution system (Sr,Ba,Ra)SO ₄ + H ₂ O: A combined experimental and theoretical study of phase equilibria at Sr-rich compositions. Chemical Geology, 2018, 497, 1-17.	3.3	23
7	Unraveling the Effects of Strontium Incorporation on Barite Growthâ€“In Situ and Ex Situ Observations Using Multiscale Chemical Imaging. Crystal Growth and Design, 2018, 18, 5521-5533.	3.0	23
8	Studies of Mineral Nucleation and Growth Across Multiple Scales: Review of the Current State of Research Using the Example of Barite (BaSO ₄). ACS Earth and Space Chemistry, 2021, 5, 3338-3361.	2.7	15
9	Correlative Atom Probe Tomography and Transmission Electron Microscopy Analysis of Grain Boundaries in Thermally Grown Alumina Scale. Microscopy and Microanalysis, 2019, 25, 11-20.	0.4	14
10	Influence of microstructure on replacement and porosity generation during experimental dolomitization of limestones. Geochimica Et Cosmochimica Acta, 2021, 303, 137-158.	3.9	14
11	The Effect of Ionic Strength and Sraq upon the Uptake of Ra during the Recrystallization of Barite. Minerals (Basel, Switzerland), 2018, 8, 502.	2.0	12
12	Controls of Microstructure and Chemical Reactivity on the Replacement of Limestone by Fluorite Studied Using Spatially Resolved Small Angle X-ray and Neutron Scattering. ACS Earth and Space Chemistry, 2019, 3, 1998-2016.	2.7	10