

# Juliane Weber

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

289  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of microstructure on replacement and porosity generation during experimental dolomitization of limestones. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 303, 137-158.	3.9	14
2	Studies of Mineral Nucleation and Growth Across Multiple Scales: Review of the Current State of Research Using the Example of Barite ( $\text{BaSO}_4$ ). <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3338-3361.	2.7	15
3	Controls of Microstructure and Chemical Reactivity on the Replacement of Limestone by Fluorite Studied Using Spatially Resolved Small Angle X-ray and Neutron Scattering. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1998-2016.	2.7	10
4	Organic-mineral interfacial chemistry drives heterogeneous nucleation of Sr-rich ( $\text{Ba}$ ) $\text{SrSO}_4$ the National Academy of Sciences of the United States of America, 2019, 116, 13221-13226.	7.1	45
5	Correlative Atom Probe Tomography and Transmission Electron Microscopy Analysis of Grain Boundaries in Thermally Grown Alumina Scale. <i>Microscopy and Microanalysis</i> , 2019, 25, 11-20.	0.4	14
6	Thermodynamics of the solid solution - Aqueous solution system ( $\text{Ba,Sr,Ra}$ ) $\text{SO}_4 + \text{H}_2\text{O}$ : II. Radium retention in barite-type minerals at elevated temperatures. <i>Applied Geochemistry</i> , 2018, 93, 190-208.	3.0	29
7	The Effect of Ionic Strength and $\text{Sr}^{2+}$ upon the Uptake of Ra during the Recrystallization of Barite. Minerals (Basel, Switzerland), 2018, 8, 502.	2.0	12
8	The solid solution-aqueous solution system ( $\text{Sr,Ba,Ra}$ ) $\text{SO}_4 + \text{H}_2\text{O}$ : A combined experimental and theoretical study of phase equilibria at Sr-rich compositions. <i>Chemical Geology</i> , 2018, 497, 1-17.	3.3	23
9	Unraveling the Effects of Strontium Incorporation on Barite Growth-In Situ and Ex Situ Observations Using Multiscale Chemical Imaging. <i>Crystal Growth and Design</i> , 2018, 18, 5521-5533.	3.0	23
10	Thermodynamics of the solid solution - Aqueous solution system ( $\text{Ba,Sr,Ra}$ ) $\text{SO}_4 + \text{H}_2\text{O}$ : I. The effect of strontium content on radium uptake by barite. <i>Applied Geochemistry</i> , 2018, 89, 59-74.	3.0	45
11	Retention of $^{226}\text{Ra}$ by barite: The role of internal porosity. <i>Chemical Geology</i> , 2017, 466, 722-732.	3.3	26
12	Nano-structural features of barite crystals observed by electron microscopy and atom probe tomography. <i>Chemical Geology</i> , 2016, 424, 51-59.	3.3	33