

# Richen

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

203  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hunting the Datable Garnet using the LA-ICP-MS U-Pb Method: Predicting Garnet U Concentration, based on Major and Minor Elements. <i>Acta Geologica Sinica</i> , 2022, 96, 2148-2157.	1.4	4
2	The Fluid Mobilities of K and Zr in Subduction Zones: Thermodynamic Constraints. <i>Minerals (Basel)</i> , 2020, 10, 10.	2.0	0
3	Revealing the multi-stage ore-forming history of a mineral deposit using pyrite geochemistry and machine learning-based data interpretation. <i>Ore Geology Reviews</i> , 2021, 133, 104079.	2.7	22
4	Melt-Fluid and Fluid-Fluid Immiscibility in a Na <sub>2</sub> SO <sub>4</sub> -SiO <sub>2</sub> -H <sub>2</sub> O System and Implications for the Formation of Rare Earth Deposits. <i>Acta Geologica Sinica</i> , 2021, 95, 1604-1610.	1.4	7
5	Solubility of K <sub>2</sub> SO <sub>4</sub> in silica-saturated solutions and applications to determine the composition of ore-forming fluids. <i>Chemical Geology</i> , 2021, 580, 120387.	3.3	3
6	In situ Raman spectroscopic investigation of the hydrothermal speciation of tungsten: Implications for the ore-forming process. <i>Chemical Geology</i> , 2020, 532, 119299.	3.3	39
7	High-P Gibbs, a Practical Tool for Fluid-Rock Thermodynamic Simulation in Deep Earth and its Application on Calculating Nitrogen Speciation in Subduction Zone Fluids. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008973.	2.5	4
8	Effects of pH and Salinity on the Hydrothermal Transport of Tungsten: Insights from In Situ Raman Spectroscopic Characterization of K <sub>2</sub> WO <sub>4</sub> -NaCl-HCl-CO <sub>2</sub> Solutions at Temperatures up to 400°C. <i>Geofluids</i> , 2020, 2020, 1-12.	0.7	5
9	Solubility of Na <sub>2</sub> SO <sub>4</sub> in silica-saturated solutions: Implications for REE mineralization. <i>American Mineralogist</i> , 2020, 105, 1686-1694.	1.9	12
10	Tracing the ore-formation history of the shear-zone-controlled Huogeqi Cu-Pb-Zn deposit in Inner Mongolia, northern China, using H, O, S, and Fe isotopes. <i>Ore Geology Reviews</i> , 2015, 71, 263-272.	2.7	10
11	Fate of gold and base metals during metamorphic devolatilization of a pelite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 338-352.	3.9	97