

# Matthias Konrad-Schmolke

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

876  
citations

567281

15  
h-index

888059

17  
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19  
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19  
docs citations

19  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron isotope record of peak metamorphic ultrahigh-pressure and retrograde fluid–rock interaction in white mica (Lago di Cignana, Western Alps). <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 20.	3.1	20
2	Adding complexity to the garnet supergroup: monteneveite, $\text{Ca}_3\text{Sb}_5\text{Fe}_2$ (Fe <sup>3+</sup> ), a new mineral from the Monteneve mine, Bolzano Province, Italy. <i>European Journal of Mineralogy</i> , 2020, 32, 77-87.	1.3	1
3	Mineral dissolution and reprecipitation mediated by an amorphous phase. <i>Nature Communications</i> , 2018, 9, 1637.	12.8	45
4	Noble gases recycled into the mantle through cold subduction zones. <i>Earth and Planetary Science Letters</i> , 2017, 471, 65-73.	4.4	23
5	Slab mantle dehydrates beneath Kamchatka—Yet recycles water into the deep mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2987-3007.	2.5	31
6	Retrograde metasomatic effects on phase assemblages in an interlayered blueschist–greenschist sequence (Coastal Cordillera, Chile). <i>Lithos</i> , 2015, 216-217, 31-47.	1.4	12
7	Combined thermodynamic–geochemical modeling in metamorphic geology: Boron as tracer of fluid–rock interaction. <i>Lithos</i> , 2014, 208-209, 393-414.	1.4	70
8	Effects of fluid–rock interaction on $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology in high-pressure rocks (Sesia-Lanzo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.9	58
9	High-T, Low-P Formation of Rare Olivine-bearing Symplectites in Variscan Eclogite. <i>Journal of Petrology</i> , 2013, 54, 1375-1398.	2.8	23
10	Fluid Migration above a Subducted Slab—Constraints on Amount, Pathways and Major Element Mobility from Partially Overprinted Eclogite-facies Rocks (Sesia Zone, Western Alps). <i>Journal of Petrology</i> , 2011, 52, 457-486.	2.8	84
11	Fluid migration above a subducted slab — Thermodynamic and trace element modelling of fluid–rock interaction in partially overprinted eclogite-facies rocks (Sesia Zone, Western Alps). <i>Earth and Planetary Science Letters</i> , 2011, 311, 287-298.	4.4	28
12	Multi-stage reaction history in different eclogite types from the Pakistan Himalaya and implications for exhumation processes. <i>Lithos</i> , 2010, 114, 70-85.	1.4	44
13	Garnet growth at high- and ultra-high pressure conditions and the effect of element fractionation on mineral modes and composition. <i>Lithos</i> , 2008, 103, 309-332.	1.4	139
14	Combined thermodynamic and rare earth element modelling of garnet growth during subduction: Examples from ultrahigh-pressure eclogite of the Western Gneiss Region, Norway. <i>Earth and Planetary Science Letters</i> , 2008, 272, 488-498.	4.4	117
15	Compositional re-equilibration of garnet: the importance of sub-grain boundaries. <i>European Journal of Mineralogy</i> , 2007, 19, 431-438.	1.3	53
16	The Physico-Chemical Properties of a Subducted Slab from Garnet Zonation Patterns (Sesia Zone,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	60
17	Thermodynamic modelling of diffusion-controlled garnet growth. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 181-195.	3.1	68