

Michel Bestmann

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

488
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Intragranular dynamic recrystallization in naturally deformed calcite marble: diffusion accommodated grain boundary sliding as a result of subgrain rotation recrystallization. <i>Journal of Structural Geology</i> , 2003, 25, 1597-1613.	2.3	280
2	Microstructural evolution during initial stages of static recovery and recrystallization: new insights from in-situ heating experiments combined with electron backscatter diffraction analysis. <i>Journal of Structural Geology</i> , 2005, 27, 447-457.	2.3	63
3	Pseudotachylyte in muscovite-bearing quartzite: Coseismic friction-induced melting and plastic deformation of quartz. <i>Journal of Structural Geology</i> , 2011, 33, 169-186.	2.3	46
4	Ti distribution in quartz across a heterogeneous shear zone within a granodiorite: The effect of deformation mechanism and strain on Ti resetting. <i>Lithos</i> , 2015, 227, 37-56.	1.4	37
5	Crystallographic control and texture inheritance during mylonitization of coarse grained quartz veins. <i>Lithos</i> , 2017, 290-291, 210-227.	1.4	33
6	Instantaneous healing of micro-fractures during coseismic slip: Evidence from microstructure and Ti in quartz geochemistry within an exhumed pseudotachylyte-bearing fault in tonalite. <i>Lithos</i> , 2016, 254-255, 84-93.	1.4	10
7	Influence of Deformation and Fluids on Ti Exchange in Natural Quartz. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022548.	3.4	8
8	Distinguishing Biologically Controlled Calcareous Biomineralization in Fossil Organisms Using Electron Backscatter Diffraction (EBSD). <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	7
9	The cono-dos and cono-dontâ€™s of phosphatic microfossil preparation and microanalysis. <i>Micron</i> , 2020, 138, 102924.	2.2	4