

Mirwald Peter

List of Publications by Year in descending order

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7
papers

422
citations

1683934

5
h-index

1872570

6
g-index

7
all docs

7
docs citations

7
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	The low- to high quartz and quartz to coesite transition to 40 kbar between 600° and 1600°C and some reconnaissance data on the effect of NaAlO ₂ component on the low quartz to coesite transition. <i>Journal of Geophysical Research</i> , 1980, 85, 6983-6990.	3.3	193
2	Low-friction cell for piston-cylinder high-pressure apparatus. <i>Journal of Geophysical Research</i> , 1975, 80, 1519-1525.	3.3	134
3	Experimental study of the dehydration reactions gypsum-bassanite and bassanite-anhydrite at high pressure: Indication of anomalous behavior of H ₂ O at high pressure in the temperature range of 50–300°C. <i>Journal of Chemical Physics</i> , 2008, 128, 074502.	1.2	33
4	Moisture sorption behaviour of salt mixtures in porous stone. <i>Chemie Der Erde</i> , 2009, 69, 91-98.	0.8	32
5	Cordierite under hydrostatic compression: Anomalous elastic behavior as a precursor for a pressure-induced phase transition. <i>American Mineralogist</i> , 2014, 99, 479-493.	0.9	23
6	The fine-structure of the dehydration boundary of brucite (Mg(OH) ₂) up to 3.5 GPa - indication of anomalous PVT behaviour of supercritical H ₂ O. <i>European Journal of Mineralogy</i> , 2005, 17, 537-542.	0.4	6
7	Differential volumetric analysis combined with monitoring of differential ultra-sound travel time, an approach for tracing fine-structural compression behaviour of solids: a study on MgO / periclase and polyethylene / PE up to 1.5 GPa at room temperature. <i>Physics and Chemistry of Minerals</i> , 2020, 47, 1.	0.3	1