

Yi Hu

List of Publications by Year in descending order

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12
papers

143
citations

1040056

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1372567

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docs citations

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times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic and elastic properties of pyrope at high pressure and high temperature by first-principles calculations. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 6462-6476.	3.4	33
2	Phase Transitions in Orthoenstatite and Subduction Zone Dynamics: Effects of Water and Transition Metal Ions. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2723-2737.	3.4	20
3	High-Pressure $\text{CaMgSi}_2\text{O}_6$: Does Penta-Coordinated Silicon Exist in the Earth's Mantle?. <i>Geophysical Research Letters</i> , 2017, 44, 11,340.	4.0	18
4	Single-crystal X-ray diffraction study of Fe_2SiO_4 fayalite up to 31 GPa. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 171-179.	0.8	16
5	The high-pressure anisotropic thermoelastic properties of a potential inner core carbon-bearing phase, Fe_7C_3 , by single-crystal X-ray diffraction. <i>American Mineralogist</i> , 2018, 103, 1568-1574.	1.9	14
6	Isosymmetric pressure-induced bonding increase changes compression behavior of clinopyroxenes across jadeite-aegirine solid solution in subduction zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 142-157.	3.4	11
7	Single-crystal diffraction and Raman spectroscopy of hedenbergite up to 33 GPa. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 595-608.	0.8	9
8	Compressional behavior of omphacite to 47 GPa. <i>Physics and Chemistry of Minerals</i> , 2016, 43, 707-715.	0.8	9
9	High-pressure phase transitions of clinoenstatite. <i>American Mineralogist</i> , 2019, 104, 897-904.	1.9	9
10	High-pressure behavior of liebenbergite: The most incompressible olivine-structured silicate. <i>American Mineralogist</i> , 2019, 104, 580-587.	1.9	4
11	Compressional behavior of end-member and aluminous iron-bearing diopside at high pressure from single-crystal X-ray diffraction and first principles calculations. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 977-986.	0.8	0
12	Phase Transitions in Natural Vanadinite at High Pressures. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1217.	2.0	0