

Ming Hao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

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all docs

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Constraining composition and temperature variations in the mantle transition zone. <i>Nature Communications</i> , 2022, 13, 1094. | 12.8 | 7 |
| 2 | Seismic Visibility of Eclogite in the Earth's Upper Mantle—Implications From High Pressure—Temperature Single-Crystal Elastic Properties of Omphacite. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021683. | 3.4 | 7 |
| 3 | Effect of structural water on the elasticity of orthopyroxene. <i>American Mineralogist</i> , 2021, , . | 1.9 | 1 |
| 4 | The Water-Fe-Pressure dependent single-crystal elastic properties of wadsleyite: Implications for the seismic anisotropy in the upper Mantle Transition Zone. <i>Earth and Planetary Science Letters</i> , 2021, 565, 116955. | 4.4 | 10 |
| 5 | The seismically fastest chemical heterogeneity in the Earth's deep upper mantle—implications from the single-crystal thermoelastic properties of jadeite. <i>Earth and Planetary Science Letters</i> , 2020, 543, 116345. | 4.4 | 7 |
| 6 | The single-crystal elastic properties of the jadeite-diopside solid solution and their implications for the composition-dependent seismic properties of eclogite. <i>American Mineralogist</i> , 2019, 104, 1016-1021. | 1.9 | 5 |
| 7 | High-Pressure Single-Crystal Elasticity and Thermal Equation of State of Omphacite and Their Implications for the Seismic Properties of Eclogite in the Earth's Interior. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 2368-2377. | 3.4 | 13 |
| 8 | The extreme acoustic anisotropy and fast sound velocities of cubic high-pressure ice polymorphs at Mbar pressure. <i>Applied Physics Letters</i> , 2019, 114, 191903. | 3.3 | 11 |
| 9 | Hydrogen Effect on the Sound Velocities of Upper Mantle Omphacite. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 690. | 2.0 | 1 |