

Yi Cao

List of Publications by Year in descending order

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14
papers

247
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly refractory peridotites in Songshugou, Qinling orogen: Insights into partial melting and melt/fluid-rock reactions in forearc mantle. <i>Lithos</i> , 2016, 252-253, 234-254.	1.4	44
2	Petrofabrics and seismic properties of blueschist and eclogite in the North Qilian suture zone, NW China: Implications for the low-velocity upper layer in subducting slab, trench-parallel seismic anisotropy, and eclogite detectability in the subduction zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 3037-3058.	3.4	40
3	Plastic Deformation and Seismic Properties in Fore-arc Mantles: A Petrofabric Analysis of the Yushigou Harzburgites, North Qilian Suture Zone, NW China. <i>Journal of Petrology</i> , 2015, 56, 1897-1944.	2.8	39
4	Microstructures and petro-fabrics of lawsonite blueschist in the North Qilian suture zone, NW China: Implications for seismic anisotropy of subducting oceanic crust. <i>Tectonophysics</i> , 2014, 628, 140-157.	2.2	33
5	Seismic properties of subducting oceanic crust: Constraints from natural lawsonite-bearing blueschist and eclogite in Sivrihisar Massif, Turkey. <i>Physics of the Earth and Planetary Interiors</i> , 2016, 250, 12-30.	1.9	25
6	Olivine fabrics and tectonic evolution of forearc mantles: A natural perspective from the Songshugou dunite and harzburgite in the Qinling orogenic belt, central China. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 907-934.	2.5	25
7	Metastability and Nondislocation-Based Deformation Mechanisms of the Flem Eclogite in the Western Gneiss Region, Norway. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019375.	3.4	12
8	Geneses of Two Contrasting Antigorite Crystal Preferred Orientations and Their Implications for Seismic Anisotropy in the Forearc Mantle. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019354.	3.4	9
9	Crystal preferred orientations, deformation mechanisms and seismic properties of high pressure metamorphic rocks from the Central Qiangtang metamorphic belt, Tibetan Plateau. <i>Journal of Structural Geology</i> , 2021, 145, 104309.	2.3	6
10	Seismic Properties of a Unique Olivine-Rich Eclogite in the Western Gneiss Region, Norway. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 774.	2.0	4
11	Electrical Conductivity of Eclogite, Amphibolite and Garnet-Quartz-Mica Schist with Implications for the Conductivity in the Qiangtang Terrane of Northern Tibetan Plateau. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 683-692.	3.2	4
12	Textures and Structures of Metamorphic Rocks. , 2021, , 375-388.		4
13	Seismic anisotropies of the Songshugou peridotites (Qinling orogen, central China) and their seismic implications. <i>Tectonophysics</i> , 2018, 722, 432-446.	2.2	1
14	Thermo-Structural Evolution of the Val Malenco (Italy) Peridotite: A Petrological, Geochemical and Microstructural Study. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 962.	2.0	1