

Takako Satsukawa

List of Publications by Year in descending order

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papers

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22
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624
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnitude and symmetry of seismic anisotropy in mica- and amphibole-bearing metamorphic rocks and implications for tectonic interpretation of seismic data from the southeast Tibetan Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6404-6430.	3.4	91
2	A database of plagioclase crystal preferred orientations (CPO) and microstructures – implications for CPO origin, strength, symmetry and seismic anisotropy in gabbroic rocks. <i>Solid Earth</i> , 2013, 4, 511-542.	2.8	58
3	High- and low-Cr chromitite and dunite in a Tibetan ophiolite: evolution from mature subduction system to incipient forearc in the Neo-Tethyan Ocean. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	44
4	Messengers from the deep: Fossil wadsleyite-chromite microstructures from the Mantle Transition Zone. <i>Scientific Reports</i> , 2015, 5, 16484.	3.3	43
5	Plagioclase preferred orientation and induced seismic anisotropy in mafic igneous rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 8064-8088.	3.4	33
6	Fluid-present deformation aids chemical modification of chromite: Insights from chromites from Golyamo Kamenyane, SE Bulgaria. <i>Lithos</i> , 2015, 228-229, 78-89.	1.4	30
7	The recycling of chromitites in ophiolites from southwestern North America. <i>Lithos</i> , 2017, 294-295, 53-72.	1.4	28
8	Seismic anisotropy in the uppermost mantle, back-arc region of the northeast Japan arc: Petrophysical analyses of Ichinomegata peridotite xenoliths. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	26
9	Seismic anisotropy of the uppermost mantle beneath the Rio Grande rift: Evidence from Kilbourne Hole peridotite xenoliths, New Mexico. <i>Earth and Planetary Science Letters</i> , 2011, 311, 172-181.	4.4	24
10	Solution-precipitation of K-feldspar in deformed granitoids and its relationship to the distribution of water. <i>Tectonophysics</i> , 2012, 532-535, 175-185.	2.2	24
11	A secondary precious and base metal mineralization in chromitites linked to the development of a Paleozoic accretionary complex in Central Chile. <i>Ore Geology Reviews</i> , 2016, 78, 14-40.	2.7	24
12	Deformation of mantle pyroxenites provides clues to geodynamic processes in subduction zones: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017, 472, 174-185.	4.4	24
13	Millennium Recurrence Interval of Morphogenic Earthquakes on the Seismogenic Fault Zone That Triggered the 2016 Mw7.1 Kumamoto Earthquake, Southwest Japan. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 2687-2702.	2.3	21
14	Chemical interactions in the subduction factory: New insights from an in situ trace element and hydrogen study of the Ichinomegata and Oki-Dogo mantle xenoliths (Japan). <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 234-267.	3.9	20
15	Rock seismic anisotropy of the low-velocity zone beneath the volcanic front in the mantle wedge. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	17
16	Flow in the uppermost mantle during back-arc spreading revealed by Ichinomegata peridotite xenoliths, NE Japan. <i>Lithos</i> , 2014, 189, 89-104.	1.4	16
17	Uppermost mantle anisotropy beneath the southern Laurentian margin: Evidence from Knippa peridotite xenoliths, Texas. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	12
18	Seismic properties of peridotite xenoliths as a clue to imaging the lithospheric mantle beneath NE Tasmania, Australia. <i>Tectonophysics</i> , 2012, 522-523, 218-223.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Determination of slip system in olivine based on crystallographic preferred orientation and subgrain-rotation axis: examples from Ichinomegata peridotite xenoliths, Oga peninsula, Akita prefecture. Journal of the Geological Society of Japan, 2009, 115, 288-291.	0.6	6
20	Corrigendum to "A database of plagioclase crystal preferred orientations (CPO) and microstructures " implications for CPO origin, strength, symmetry and seismic anisotropy in gabbroic rocks" published in Solid Earth, 4, 511"542, 2013. Solid Earth, 2014, 5, 509-509.	2.8	0