

# Tongbin Shao

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

522  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical behaviors of intact antigorite as functions of temperature: Faulting, slow stick-slip and stable sliding. <i>Journal of Structural Geology</i> , 2022, 158, 104579.	2.3	4
2	Nanoparticles Observed in a Shear Fracture of Dolomite and a Probable Formation Mechanism. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 555-566.	0.9	0
3	Low-temperature Plasticity and Dislocation Creep of Fangshan Dolomite. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021439.	3.4	4
4	Deformation of Antigorite and Its Geological Implications. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021650.	3.4	9
5	Zircon saturation model in silicate melts: a review and update. <i>Acta Geochimica</i> , 2020, 39, 387-403.	1.7	10
6	Detrital zircon U-Pb ages and Hf isotopes of Lower-Middle Devonian to Middle Jurassic sandstones in the Qinfang basin, southern South China block: Constraints on provenance and tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2020, 204, 104578.	2.3	6
7	Zircon saturation in terrestrial basaltic melts and its geological implications. <i>Solid Earth Sciences</i> , 2019, 4, 27-42.	1.7	37
8	New precise zircon U-Pb and muscovite $^{40}\text{Ar}$ - $^{39}\text{Ar}$ geochronology of the Late Cretaceous W-Sn mineralization in the Shanhu orefield, South China. <i>Ore Geology Reviews</i> , 2017, 84, 338-346.	2.7	16
9	Mica-dominated seismic properties of mid-crust beneath west Yunnan (China) and geodynamic implications. <i>Tectonophysics</i> , 2016, 677-678, 324-338.	2.2	15
10	S-wave velocities and anisotropy of typical rocks from Yunkai metamorphic complex and constraints on the composition of the crust beneath Southern China. <i>Tectonophysics</i> , 2016, 686, 27-50.	2.2	11
11	Provenance and tectonic-paleogeographic evolution: Constraints from detrital zircon U-Pb ages of Late Triassic-Early Jurassic deposits in the northern Sichuan basin, central China. <i>Journal of Asian Earth Sciences</i> , 2016, 127, 12-31.	2.3	50
12	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
13	Late Cretaceous lithospheric extension in SE China: Constraints from volcanic rocks in Hainan Island. <i>Lithos</i> , 2015, 232, 100-110.	1.4	28
14	Isotopic geochemistry, zircon U-Pb ages and Hf isotopes of A-type granites from the Xitian W-Sn deposit, SE China: Constraints on petrogenesis and tectonic significance. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 122-139.	2.3	59
15	U-Pb geochronology and Hf-isotopes on detrital zircons of Lower Paleozoic strata from Hainan Island: New clues for the early crustal evolution of southeastern South China. <i>Gondwana Research</i> , 2015, 27, 1586-1598.	6.0	39
16	Antigorite-induced seismic anisotropy and implications for deformation in subduction zones and the Tibetan Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 2068-2099.	3.4	31
17	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
18	A new calibration of seismic velocities, anisotropy, fabrics, and elastic moduli of amphibole-rich rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4699-4728.	3.4	77

#	ARTICLE	IF	CITATIONS
19	Experimental study and prediction of deformation behavior of low carbon steel at low strain rate and high temperature. Chinese Science Bulletin, 2013, 58, 940-945.	0.7	1