Shengsi Sun

List of Publications by Year
in descending order

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27 papers	1,524 citations	471371 17 h-index	526166 27 g-index
31 all docs	31 docs citations	31 times ranked	909 citing authors

#	Article	IF	Citations
1	Subduction and accretionary tectonics of the East Kunlun orogen, western segment of the Central China Orogenic System. Earth-Science Reviews, 2018, 186, 231-261.	4.0	260
2	Propagation tectonics and multiple accretionary processes of the Qinling Orogen. Journal of Asian Earth Sciences, 2015, 104, 84-98.	1.0	166
3	Central China Orogenic Belt and amalgamation of East Asian continents. Gondwana Research, 2021, 100, 131-194.	3.0	165
4	Mesozoic intracontinental orogeny in the Qinling Mountains, central China. Gondwana Research, 2016, 30, 144-158.	3.0	156
5	Neoproterozoic amalgamation of the Northern Qinling terrain to the North China Craton: Constraints from geochronology and geochemistry of the Kuanping ophiolite. Precambrian Research, 2014, 255, 77-95.	1.2	143
6	Zircon Uâ€“Pb chronology, Hf isotope analysis and whole-rock geochemistry for the Neoarchean-Paleoproterozoic Yudongzi complex, northwestern margin of the Yangtze craton, China. Precambrian Research, 2017, 301, 65-85.	1.2	104
7	Neoproterozoic subduction-accretionary tectonics of the South Qinling Belt, China. Precambrian Research, 2017, 293, 73-90.	1.2	82
8	Poisson's Ratio and Auxetic Properties of Natural Rocks. Journal of Geophysical Research: Solid Earth, 2018, 123, 1161-1185.	1.4	65
9	Seismic velocities and anisotropy of core samples from the Chinese Continental Scientific Drilling borehole in the Sulu UHP terrane, eastern China. Journal of Geophysical Research, 2012, 117, .	3.3	41
10	Timing of Orogenic Exhumation Processes of the Qinling Orogen: Evidence From ⁴⁰Ar/³⁹Ar Dating. Tectonics, 2018, 37, 4037-4067.	1.3	41
11	Cross Orogenic Belts in Central China: Implications for the tectonic and paleogeographic evolution of the East Asian continental collage. Gondwana Research, 2022, 109, 18-88.	3.0	39
12	Plagioclase preferred orientation and induced seismic anisotropy in mafic igneous rocks. Journal of Geophysical Research: Solid Earth, 2014, 119, 8064-8088.	1.4	33
13	LamÃ© parameters of common rocks in the Earth's crust and upper mantle. Journal of Geophysical Research, 2010, 115, .	3.3	32
14	Antigoriteâ€induced seismic anisotropy and implications for deformation in subduction zones and the Tibetan Plateau. Journal of Geophysical Research: Solid Earth, 2014, 119, 2068-2099.	1.4	31
15	Origin of mafic intrusions in the Micangshan Massif, Central China: Implications for the Neoproterozoic tectonic evolution of the northwestern Yangtze Block. Journal of Asian Earth Sciences, 2020, 190, 104132.	1.0	20
16	Co-evolution of the Cenozoic tectonics, geomorphology, environment and ecosystem in the Qinling Mountains and adjacent areas, Central China. Geosystems and Geoenvironment, 2022, 1, 100032.	1.7	20
17	P-wave velocity differences between surface-derived and core samples from the Sulu ultrahigh-pressure terrane: Implications for in situ velocities at great depths. Geology, 2012, 40, 651-654.	2.0	19
18	Geochronology and geochemistry of <scp>ca</scp>. 2.48ÂGa granitoid gneisses from the <scp>Yudongzi Complex</scp> in the northâ€western <scp>Yangtze Block</scp>, <scp>China</scp>. Geological Journal, 2019, 54, 879-896.	0.6	19

#	Article	IF	Citations
19	Fabrics and geochronology of the Wushan ductile shear zone: Tectonic implications for the Shangdan suture zone in the Qinling orogen, Central China. Journal of Asian Earth Sciences, 2017, 139, 71-82.	1.0	18
20	Seismic properties of the Longmen Shan complex: Implications for the moment magnitude of the great 2008 Wenchuan earthquake in China. Tectonophysics, 2012, 564-565, 68-82.	0.9	13
21	Thickening and partial melting of the Northern Qinling Orogen, China: insights from zircon Uâ€“Pb geochronology and Hf isotopic composition of migmatites. Journal of the Geological Society, 2019, 176, 1218-1231.	0.9	12
22	Fabrics, geothermometry, and geochronology of the Songshugou ophiolite: Insights into the tectonic evolution of the Shangdan suture, Qinling orogen, China. Lithosphere, 2019, 11, 784-803.	0.6	11
23	Neoproterozoic active margin in the northwestern Yangtze Block, South China: new clues from detrital zircon Uâ€“Pb geochronology and geochemistry of sedimentary rocks from the Hengdan Group. Geological Magazine, 2021, 158, 842-858.	0.9	9
24	Geochronology, geochemistry, and isotopic composition of the early Neoproterozoic granitoids in the Bikou Terrane along the northwestern margin of the Yangtze Block, South China: Petrogenesis and tectonic implications. Precambrian Research, 2022, 377, 106724.	1.2	7
25	Fabrics and geochronology of the Taibai ductile shear zone: Implications for tectonic evolution of the Qinling Orogenic Belt, central China. Journal of Asian Earth Sciences, 2019, 177, 1-16.	1.0	6
26	Petrogenesis and tectonic implications of the Neoproterozoic mafic intrusions in the Bikou Terrane along the northwestern margin of the Yangtze Block, South China. Ore Geology Reviews, 2021, 131, 104014.	1.1	6
27	Crustal Deformation Patterns in the Tibetan Plateau and Its Adjacent Regions as Revealed by Receiver Functions. Bulletin of the Seismological Society of America, 2022, 112, 1297-1314.	1.1	6