

Jialiang Si

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

498
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of the fault-related rocks, fault zones and the principal slip zone in the Wenchuan Earthquake Fault Scientific Drilling Project Hole-1 (WFSD-1). <i>Tectonophysics</i> , 2013, 584, 23-42.	2.2	187
2	Long-term temperature records following the Mw 7.9 Wenchuan (China) earthquake are consistent with low friction. <i>Geology</i> , 2015, 43, 163-166.	4.4	53
3	Structural and physical property characterization in the Wenchuan earthquake Fault Scientific Drilling project "hole 1 (WFSD-1). <i>Tectonophysics</i> , 2014, 619-620, 86-100.	2.2	47
4	Internal structure of the Wenchuan earthquake fault zone, revealed by surface outcrop and WFSD-1 drilling core investigation. <i>Tectonophysics</i> , 2014, 619-620, 101-114.	2.2	40
5	Fault gouge graphitization as evidence of past seismic slip. <i>Geology</i> , 2017, 45, 979-982.	4.4	40
6	Clay mineral anomalies in the Yingxiu-Beichuan fault zone from the WFSD-1 drilling core and its implication for the faulting mechanism during the 2008 Wenchuan earthquake (Mw 7.9). <i>Tectonophysics</i> , 2014, 619-620, 171-178.	2.2	34
7	Evidence for Tibetan plateau uplift in Qaidam basin before Eocene-Oligocene boundary and its climatic implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 430-437.	3.2	31
8	Clay mineralogy and geochemistry investigations in the host rocks of the Chelungpu fault, Taiwan: Implication for faulting mechanism. <i>Journal of Asian Earth Sciences</i> , 2012, 59, 208-218.	2.3	16
9	Lithological and structural characterization of the Longmen Shan fault belt from the 3rd hole of the Wenchuan Earthquake Fault Scientific Drilling project (WFSD-3). <i>International Journal of Earth Sciences</i> , 2016, 105, 2253-2272.	1.8	15
10	Carbonaceous Materials in the Fault Zone of the Longmenshan Fault Belt: 2. Characterization of Fault Gouge from Deep Drilling and Implications for Fault Maturity. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 393.	2.0	14
11	Uplift of northwest margin of Tibetan plateau: Indicated by zircon LA ICP-MS U-Pb dating of conglomerate from Mazartagh, Tarim basin. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 401-416.	3.2	7
12	Carbonaceous Materials in the Fault Zone of the Longmenshan Fault Belt: 1. Signatures within the Deep Wenchuan Earthquake Fault Zone and Their Implications. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 385.	2.0	7
13	Carbonaceous Materials in the Longmenshan Fault Belt Zone: 3. Records of Seismic Slip from the Trench and Implications for Faulting Mechanisms. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 457.	2.0	6
14	Frictional Properties of the Longmenshan Fault Belt Gouges From WFSD and Implications for Earthquake Rupture Propagation. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	1
15	A New Insight into the Influence of Composition of Fault Rocks on Aseismic and Seismic Fault Slip. <i>Acta Geologica Sinica</i> , 2019, 93, 760-762.	1.4	0