Xiaoran Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9044792/publications.pdf

Version: 2024-02-01

39 papers	2,067 citations	236925 25 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	1204 citing authors

#	Article	IF	Citations
1	Zircon Uâ€“Pb age and Hf isotopic compositions of Mesozoic granitoids in southern Qiangtang, Tibet: Implications for the subduction of the Bangongâ€“Nujiang Tethyan Ocean. Gondwana Research, 2017, 41, 157-172.	6.0	180
2	Tarim and North China cratons linked to northern Gondwana through switching accretionary tectonics and collisional orogenesis. Geology, 2016, 44, 95-98.	4.4	167
3	Paleozoic accretionary orogenesis in the Paleo-Asian Ocean: Insights from detrital zircons from Silurian to Carboniferous strata at the northwestern margin of the Tarim Craton. Tectonics, 2015, 34, 334-351.	2.8	140
4	Melt/mantle mixing produces podiform chromite deposits in ophiolites: Implications of Reâ€“Os systematics in the Dongqiao Neo-tethyan ophiolite, northern Tibet. Gondwana Research, 2012, 21, 194-206.	6.0	113
5	Late Paleozoic subduction and collision processes during the amalgamation of the Central Asian Orogenic Belt along the South Tianshan suture zone. Lithos, 2016, 246-247, 1-12.	1.4	104
6	Tectonic evolution from subduction to arc-continent collision of the Junggar ocean: Constraints from U-Pb dating and Hf isotopes of detrital zircons from the North Tianshan belt, NW China. Bulletin of the Geological Society of America, 2016, 128, 644-660.	3.3	93
7	Geochronology and geochemistry of the Yilan blueschists in the Heilongjiang Complex, northeastern China and tectonic implications. Lithos, 2015, 216-217, 241-253.	1.4	87
8	Timing of the final closure of the Paleo-Asian Ocean in the Alxa Terrane: Constraints from geochronology and geochemistry of Late Carboniferous to Permian gabbros and diorites. Lithos, 2017, 274-275, 19-30.	1.4	82
9	Early Jurassic high-pressure metamorphism of the Amdo terrane, Tibet: Constraints from zircon Uâ€“Pb geochronology of mafic granulites. Gondwana Research, 2014, 26, 975-985.	6.0	79
10	Ages and tectonic implications of Neoproterozoic ortho- and paragneisses in the Beishan Orogenic Belt, China. Precambrian Research, 2015, 266, 551-578.	2.7	75
11	Early Paleozoic subduction processes of the Paleo-Asian Ocean: Insights from geochronology and geochemistry of Paleozoic plutons in the Alxa Terrane. Lithos, 2016, 262, 546-560.	1.4	75
12	A 6000-km-long Neo-Tethyan arc system with coherent magmatic flare-ups and lulls in South Asia. Geology, 2019, 47, 573-576.	4.4	73
13	Latest Carboniferous closure of the Junggar Ocean constrained by geochemical and zircon Uâ€“Pbâ€“Hf isotopic data of granitic gneisses from the Central Tianshan block, NW China. Lithos, 2015, 238, 26-36.	1.4	63
14	Tectonic transition from Late Carboniferous subduction to Early Permian post-collisional extension in the Eastern Tianshan, NW China: Insights from geochronology and geochemistry of maficâ€“intermediate intrusions. Lithos, 2016, 256-257, 269-281.	1.4	63
15	Detrital Zircons Dismember Sibumasu in East Gondwana. Journal of Geophysical Research: Solid Earth, 2018, 123, 6098-6110.	3.4	59
16	Late Ordovician adakitic rocks in the Central Tianshan block, NW China: Partial melting of lower continental arc crust during back-arc basin opening. Bulletin of the Geological Society of America, 2016, 128, 1367-1382.	3.3	54
17	Geochronology and geochemistry of the Yilan greenschists and amphibolites in the Heilongjiang complex, northeastern China and tectonic implications. Gondwana Research, 2017, 43, 213-228.	6.0	52
18	Paleozoic magmatism and metamorphism in the Central Tianshan block revealed by Uâ€“Pb and Luâ€“Hf isotope studies of detrital zircons from the South Tianshan belt, NW China. Lithos, 2015, 233, 193-208.	1.4	50

#	Article	IF	Citations
19	Subduction between the Jiamusi and Songliao blocks: Geological, geochronological and geochemical constraints from the Heilongjiang Complex. Lithos, 2017, 282-283, 128-144.	1.4	45
20	Can a primary remanence be retrieved from partially remagnetized Eocence volcanic rocks in the Nanmulin Basin (southern Tibet) to date the Indiaâ€Asia collision?. Journal of Geophysical Research: Solid Earth, 2015, 120, 42-66.	3.4	38
21	Geochronology and Geochemistry of Paleozoic to Mesozoic Granitoids in Western Inner Mongolia, China: Implications for the Tectonic Evolution of the Southern Central Asian Orogenic Belt. Journal of Geology, 2018, 126, 451-471.	1.4	35
22	Finding of high-pressure mafic granulites in the Amdo basement, central Tibet. Science Bulletin, 2010, 55, 3694-3702.	1.7	34
23	Detrital zircon Uâ€“Pb and Hf isotopic data for meta-sedimentary rocks from the Heilongjiang Complex, northeastern China and tectonic implications. Lithos, 2017, 282-283, 23-32.	1.4	33
24	Detrital zircon provenance constraints on the initial uplift and denudation of the Chinese western Tianshan after the assembly of the southwestern Central Asian Orogenic Belt. Sedimentary Geology, 2016, 339, 1-12.	2.1	30
25	Timing of the final closure of the middle segment of the Paleo-Asian Ocean: Insights from geochronology and geochemistry of Carboniferousâ€“Triassic volcanosedimentary successions in western Inner Mongolia, China. Bulletin of the Geological Society of America, 2019, 131, 941-965.	3.3	28
26	Triassic magmatic reactivation in Eastern Tianshan, NW China: Evidence from geochemistry and zircon U-Pb-Hf isotopes of granites. Journal of Asian Earth Sciences, 2017, 145, 446-459.	2.3	25
27	Detrital zircon provenance constraints on the final closure of the middle segment of the Paleo-Asian Ocean. Gondwana Research, 2019, 69, 73-88.	6.0	25
28	Os isotopic evidence for a carbonaceous chondritic mantle source for the Nagqu ophiolite from Tibet and its implications. Science Bulletin, 2013, 58, 92-98.	1.7	23
29	Ages and Hf isotopes of detrital zircons from Paleozoic strata in the Chagan Obo Temple area, Inner Mongolia: Implications for the evolution of the Central Asian Orogenic Belt. Gondwana Research, 2017, 43, 149-163.	6.0	23
30	Differentiating advancing and retreating subduction zones through regional zircon Hf isotope mapping: A case study from the Eastern Tianshan, NW China. Gondwana Research, 2019, 66, 246-254.	6.0	23
31	A Late Miocene magmatic flare-up in West Sulawesi triggered by Banda slab rollback. Bulletin of the Geological Society of America, 2020, 132, 2517-2528.	3.3	14
32	Archean mantle contributes to the genesis of chromitite in the Palaeozoic Sartohay ophiolite, Asiatic Orogenic Belt, northwestern China. Precambrian Research, 2012, 216-219, 87-94.	2.7	12
33	Re-Os isotopic constraints on the evolution of the Bangong-Nujiang Tethyan oceanic mantle, Central Tibet. Lithos, 2015, 224-225, 32-45.	1.4	12
34	Ages and Hf isotopes of detrital zircons from the Permian strata in the Bengbatu area (Inner) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	8.4	12
35	Geochronology and geochemistry of Permian to Early Triassic granitoids in the Alxa Terrane: Constraints on the final closure of the Paleo-Asian Ocean. Lithosphere, 2017, , L646.1.	1.4	11
36	Tracing Argoland in eastern Tethys and implications for India-Asia convergence. Bulletin of the Geological Society of America, 2021, 133, 1712-1722.	3.3	11

#	Article	IF	Citations
37	Varying Contents of Sources Affect Tectonic-Setting Discrimination of Sediments: A Case Study from Permian Sandstones in the Eastern Tianshan, Northwestern China. Journal of Geology, 2017, 125, 299-316.	1.4	10
38	A ~2.5ÂGa magmatic arc in NE China: New geochronological and geochemical evidence from the Xinghuadukou Complex. Geological Journal, 2020, 55, 2550-2571.	1.3	10
39	Late Eocene subduction initiation of the Indian Ocean in the North Sulawesi Arc, Indonesia, induced by abrupt Australian plate acceleration. Lithos, 2022, 422-423, 106742.	1.4	4