Alfred KrÃ¶ner

List of Publications by Year
in descending order

53 papers	9,368 citations	116194 36 h-index	198040 52 g-index
54 all docs	54 docs citations	54 times ranked	3886 citing authors

#	Article	IF	Citations
1	Early Neoproterozoic crustal growth and microcontinent formation of the northâ€“central Central Asian Orogenic Belt: New geological, geochronological, and Ndâ€“Hf isotopic data on the MÃ©lange Zone within the Zavkhan terrane, western Mongolia. Gondwana Research, 2021, 91, 254-276.	3.0	13
2	Geochemistry of ultramafic and mafic rocks from the northern Central Asian Orogenic Belt (Tuva,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 intra-oceanic subduction. Precambrian Research, 2021, 356, 106061.	1.2	2
3	Ediacaran, Early Ordovician and early Silurian arcs in the South Tianshan orogen of Kyrgyzstan. Journal of Asian Earth Sciences, 2020, 190, 104194.	1.0	12
4	Nonâ€subduction origin for 3.2ÂGa highâ€pressure metamorphic rocks in the Barberton granitoidâ€greenstone terrane, South Africa. Terra Nova, 2019, 31, 373-380.	0.9	18
5	Geochronological evidence for Archaean and Palaeoproterozoic polymetamorphism in the Central Zone of the Limpopo Belt, South Africa. Precambrian Research, 2018, 310, 320-347.	1.2	31
6	Cambrian ophiolite complexes in the Beishan area, China, southern margin of the Central Asian Orogenic Belt. Journal of Asian Earth Sciences, 2018, 153, 193-205.	1.0	38
7	Cambrianâ€“Ordovician magmatism of the Ikh-Mongol Arc System exemplified by the Khantaishir Magmatic Complex (Lake Zone, southâ€“central Mongolia). Gondwana Research, 2018, 54, 122-149.	3.0	58
8	Constraints on sedimentary ages of the Chuanlinggou Formation in the Ming Tombs, Beijing, North China Craton: LA-ICP-MS and SHRIMP Uâ€“Pb dating of detrital zircons. Acta Geochimica, 2018, 37, 257-280.	0.7	5
9	Geochemistry and SHRIMP Uâ€Pb Zircon Dating of Mafic Rocks North of Zunhua City, Eastern Hebei, North China Craton: Paleoproterozoic Gabbro rather than Neoarchean Ophiolite. Acta Geologica Sinica, 2018, 92, 1024-1040.	0.8	0
10	Carboniferous Alaskan-type complex along the Sinoâ€“Mongolian boundary, southern margin of the Central Asian Orogenic Belt. Acta Geochimica, 2017, 36, 276-290.	0.7	9
11	No excessive crustal growth in the Central Asian Orogenic Belt: Further evidence from field relationships and isotopic data. Gondwana Research, 2017, 50, 135-166.	3.0	146
12	Whole-rock Ndâ€“Hf isotopic study of I-type and peraluminous granitic rocks from the Chinese Altai: Constraints on the nature of the lower crust and tectonic setting. Gondwana Research, 2017, 47, 131-141.	3.0	57
13	Age and provenance constraints on seismically-determined crustal layers beneath the Paleozoic southern Central Asian Orogen, Inner Mongolia, China. Journal of Asian Earth Sciences, 2016, 123, 119-141.	1.0	6
14	Eastern Ancient Terrane of the North China Craton. Acta Geologica Sinica, 2016, 90, 1082-1096.	0.8	16
15	Zircon ages and Hf isotopic compositions of Ordovician and Carboniferous granitoids from central Inner Mongolia and their significance for early and late Paleozoic evolution of the Central Asian Orogenic Belt. Journal of Asian Earth Sciences, 2016, 117, 153-169.	1.0	34
16	Age and Origin of Paleogene Granitoids from Western Yunnan Province, China: Geochemistry, SHRIMP Zircon Ages, and Hfâ€inâ€Zircon Isotopic Compositions. Acta Geologica Sinica, 2015, 89, 1601-1615.	0.8	5
17	Neoproterozoic granitic gneisses in the Chinese Central Tianshan Block: Implications for tectonic affinity and Precambrian crustal evolution. Precambrian Research, 2015, 269, 73-89.	1.2	75
18	Uâ€“Pb zircon geochronology and Hfâ€“Nd isotopic systematics of Wadi Beitan granitoid gneisses, South Eastern Desert, Egypt. Gondwana Research, 2015, 27, 811-824.	3.0	70

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19	Zircon dating of Neoproterozoic and Cambrian ophiolites in West Mongolia and implications for the timing of orogenic processes in the central part of the Central Asian Orogenic Belt. Earth-Science Reviews, 2014, 133, 62-93.	4.0	79
20	Zircon ages and Hf isotopic compositions of plutonic rocks from the Central Tianshan (Xinjiang,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Geology Review, 2014, 56, 1413-1434.	1.1	35
21	Dating of zircon from high-grade rocks: Which is the most reliable method?. Geoscience Frontiers, 2014, 5, 515-523.	4.3	52
22	Early Palaeozoic deep subduction of continental crust in the Kyrgyz North Tianshan: evidence from Luâ€“Hf garnet geochronology and petrology of mafic dikes. Contributions To Mineralogy and Petrology, 2013, 166, 525-543.	1.2	43
23	Geochemistry, zircon Uâ€“Pb ages and Luâ€“Hf isotopes of early Paleozoic plutons in the northwestern Chinese Tianshan: Petrogenesis and geological implications. Lithos, 2013, 182-183, 48-66.	0.6	62
24	Zircon ages of metamorphic and magmatic rocks within peridotite-bearing mÃ©langes: Crucial time constraints on early Carboniferous extensional tectonics in the Chinese Tianshan. Lithos, 2013, 172-173, 243-266.	0.6	25
25	Magmatic and metamorphic development of an early to mid-Paleozoic continental margin arc in the southernmost Central Asian Orogenic Belt, Inner Mongolia, China. Journal of Asian Earth Sciences, 2013, 72, 63-74.	1.0	94
26	Late Palaeozoic to Mesozoic kinematic history of the Talasâ€“Ferghana strike-slip fault (Kyrgyz West) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2013, 67-68, 76-92.	1.0	71
27	The building blocks of continental crust: Evidence for a major change in the tectonic setting of continental growth at the end of the Archean. Gondwana Research, 2013, 23, 394-402.	3.0	278
28	Episodic mantle melting-crustal reworking in the late Neoarchean of the northwestern North China Craton: Zircon ages of magmatic and metamorphic rocks from the Yinshan Block. Precambrian Research, 2012, 222-223, 230-254.	1.2	139
29	The high-grade Tseel Terrane in SW Mongolia: An Early Paleozoic arc system or a Precambrian sliver?. Lithos, 2012, 142-143, 95-115.	0.6	62
30	Carboniferous and Cretaceous maficâ€“ultramafic massifs in Inner Mongolia (China): A SHRIMP zircon and geochemical study of the previously presumed integral â€œHegenshan ophioliteâ€• Lithos, 2012, 142-143, 48-66.	0.6	184
31	The role of geochronology in understanding continental evolution. Geological Society Special Publication, 2010, 338, 179-196.	0.8	10
32	Evolution of a Permian intraoceanic arcâ€“trench system in the Solonker suture zone, Central Asian Orogenic Belt, China and Mongolia. Lithos, 2010, 118, 169-190.	0.6	422
33	Zircon ages of the Bayankhongor ophiolite mÃ©lange and associated rocks: Time constraints on Neoproterozoic to Cambrian accretionary and collisional orogenesis in Central Mongolia. Precambrian Research, 2010, 177, 162-180.	1.2	73
34	Zircon Ages from the Baydrag Block and the Bayankhongor Ophiolite Zone: Time Constraints on Late Neoproterozoic to Cambrian Subductionâ€•and Accretionâ€Related Magmatism in Central Mongolia. Journal of Geology, 2009, 117, 377-397.	0.7	92
35	Devonian to Permian plate tectonic cycle of the Paleo-Tethys Orogen in southwest China (I): Geochemistry of ophiolites, arc/back-arc assemblages and within-plate igneous rocks. Lithos, 2009, 113, 748-766.	0.6	262
36	Devonian to Permian plate tectonic cycle of the Paleo-Tethys Orogen in southwest China (II): Insights from zircon ages of ophiolites, arc/back-arc assemblages and within-plate igneous rocks and generation of the Emeishan CFB province. Lithos, 2009, 113, 767-784.	0.6	342

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37	Precambrian crystalline basement in southern Mongolia as revealed by SHRIMP zircon dating. International Journal of Earth Sciences, 2009, 98, 1365-1380.	0.9	127
38	Early Permian plutons from the northern North China Block: constraints on continental arc evolution and convergent margin magmatism related to the Central Asian Orogenic Belt. International Journal of Earth Sciences, 2009, 98, 1441-1467.	0.9	226
39	Geodynamic evolution of Central Asia in the Paleozoic and Mesozoic. International Journal of Earth Sciences, 2009, 98, 1185-1188.	0.9	204
40	Accretionary orogens through Earth history. Geological Society Special Publication, 2009, 318, 1-36.	0.8	719
41	Devonian arc-related magmatism in the Tseel terrane of SW Mongolia: chronological and geochemical evidence. Journal of the Geological Society, 2009, 166, 459-471.	0.9	57
42	Time scale of an early to mid-Paleozoic orogenic cycle of the long-lived Central Asian Orogenic Belt, Inner Mongolia of China: Implications for continental growth. Lithos, 2008, 101, 233-259.	0.6	471
43	When did plate tectonics begin? Evidence from the geologic record. , 2008, , 281-294.		112
44	Lithotectonic elements and geological events in the Hengshanâ€“Wutaiâ€“Fuping belt: a synthesis and implications for the evolution of the Trans-North China Orogen. Geological Magazine, 2007, 144, 753-775.	0.9	209
45	Tectonic models for accretion of the Central Asian Orogenic Belt. Journal of the Geological Society, 2007, 164, 31-47.	0.9	2,744
46	Geochemical signature of Paleozoic accretionary complexes of the Central Asian Orogenic Belt in South Mongolia: Constraints on arc environments and crustal growth. Chemical Geology, 2006, 227, 236-257.	1.4	133
47	Neoproterozoic Ophiolites of the Arabian-Nubian Shield. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2004, 13, 95-128.	0.2	173
48	Linking growth episodes of zircon and metamorphic textures to zircon chemistry: an example from the ultrahigh-temperature granulites of Rogaland (SW Norway). Geological Society Special Publication, 2003, 220, 65-81.	0.8	181
49	African, southern Indian and South American cratons were not part of the Rodinia supercontinent: evidence from field relationships and geochronology. Tectonophysics, 2003, 375, 325-352.	0.9	186
50	Neoproterozoic to Paleozoic Geology of the Altai Orogen, NW China: New Zircon Age Data and Tectonic Evolution. Journal of Geology, 2002, 110, 719-737.	0.7	417
51	Timing of accretion and collisional deformation in the Central Asian Orogenic Belt: implications of granite geochronology in the Bayankhongor Ophiolite Zone. Chemical Geology, 2002, 192, 23-45.	1.4	120
52	Geochemistry, single zircon ages and Smâ€“Nd systematics of granitoid rocks from theGÃ³ry Sowie (Owl) Tj ETQq0 0 0 rgBT /Overlock 1 1998, 155, 711-724.	0.9	121
53	Ophiolites and the evolution of tectonic boundaries in the late proterozoic Arabianâ€”Nubian shield of northeast Africa and Arabia. Precambrian Research, 1985, 27, 277-300.	1.2	245