Jin-Gen Dai

List of Publications by Year
in descending order

33 papers	2,069 citations	361413 20 h-index	434195 31 g-index
39 all docs	39 docs citations	39 times ranked	1511 citing authors

#	Article	IF	Citations
1	Outward-growth of the Tibetan Plateau during the Cenozoic: A review. Tectonophysics, 2014, 621, 1-43.	2.2	444
2	Propagation of the deformation and growth of the Tibetanâ€“Himalayan orogen: A review. Earth-Science Reviews, 2015, 143, 36-61.	9.1	209
3	Rapid forearc spreading between 130 and 120Ma: Evidence from geochronology and geochemistry of the Xigaze ophiolite, southern Tibet. Lithos, 2013, 172-173, 1-16.	1.4	176
4	Petrology and geochemistry of peridotites in the Zhongba ophiolite, Yarlung Zangbo Suture Zone: Implications for the Early Cretaceous intra-oceanic subduction zone within the Neo-Tethys. Chemical Geology, 2011, 288, 133-148.	3.3	159
5	Revision of the Cretaceousâ€“Paleogene stratigraphic framework, facies architecture and provenance of the Xigaze forearc basin along the Yarlung Zangbo suture zone. Gondwana Research, 2012, 22, 415-433.	6.0	121
6	Multi-stage tectono-magmatic events of the Eastern Kunlun Range, northern Tibet: Insights from Uâ€“Pb geochronology and (Uâ€“Th)/He thermochronology. Tectonophysics, 2013, 599, 97-106.	2.2	112
7	Late Cretaceous K-rich magmatism in central Tibet: Evidence for early elevation of the Tibetan plateau?. Lithos, 2013, 160-161, 1-13.	1.4	100
8	Petrology and geochemistry of the Xiugugabu ophiolitic massif, western Yarlung Zangbo suture zone, Tibet. Lithos, 2011, 125, 347-367.	1.4	97
9	Late Devonian OIB alkaline gabbro in the Yarlung Zangbo Suture Zone: Remnants of the Paleo-Tethys?. Gondwana Research, 2011, 19, 232-243.	6.0	76
10	Exhumation History of the Gangdese Batholith, Southern Tibetan Plateau: Evidence from Apatite and Zircon (U-Th)/He Thermochronology. Journal of Geology, 2013, 121, 155-172.	1.4	64
11	Relicts of the Early Cretaceous seamounts in the central-western Yarlung Zangbo Suture Zone, southern Tibet. Journal of Asian Earth Sciences, 2012, 53, 25-37.	2.3	63
12	The vast proto-Tibetan Plateau: New constraints from Paleogene Hoh Xil Basin. Gondwana Research, 2012, 22, 434-446.	6.0	58
13	Nd isotopic compositions of the Tethyan Himalayan Sequence in southeastern Tibet. Science in China Series D: Earth Sciences, 2008, 51, 1306-1316.	0.9	49
14	Insights into the early Tibetan Plateau from (Uâ€“Th)/He thermochronology. Journal of the Geological Society, 2013, 170, 917-927.	2.1	38
15	Internal Drainage Has Sustained Lowâ€Relief Tibetan Landscapes Since the Early Miocene. Geophysical Research Letters, 2019, 46, 8741-8752.	4.0	38
16	Forearc magmatic evolution during subduction initiation: Insights from an Early Cretaceous Tibetan ophiolite and comparison with the Izu-Bonin-Mariana forearc. Bulletin of the Geological Society of America, 2021, 133, 753-776.	3.3	34
17	Late Eoceneâ€“Oligocene High Relief Paleotopography in the North Central Tibetan Plateau: Insights From Detrital Zircon Uâ€“Pb Geochronology and Leaf Wax Hydrogen Isotope Studies. Tectonics, 2020, 39, e2019TC005815.	2.8	32
18	Multi-stage volcanic activities and geodynamic evolution of the Lhasa terrane during the Cretaceous: Insights from the Xigaze forearc basin. Lithos, 2015, 218-219, 127-140.	1.4	31

#	Article	IF	Citations
19	Cenozoic thermo-tectonic evolution of the Gangdese batholith constrained by low-temperature thermochronology. Gondwana Research, 2017, 41, 451-462.	6.0	31
20	Differential exhumation histories between Qulong and Xiongcun porphyry copper deposits in the Gangdese copper metallogenic Belt: Insights from low temperature thermochronology. Ore Geology Reviews, 2019, 107, 801-819.	2.7	22
21	Two Stages of Accelerated Exhumation in the Middle Reach of the Yarlung River, Southern Tibet Since the Midâ€Miocene. Tectonics, 2021, 40, e2020TC006618.	2.8	21
22	Middle Jurassicâ€“early Cretaceous radiolarian assemblages of the western Yarlung Zangbo Suture Zone: Implications for the evolution of the Neo-Tethys. Geoscience Frontiers, 2017, 8, 989-997.	8.4	17
23	Badly Behaved Detrital (Uâ€Th)/He Ages: Problems With He Diffusion Models or Geological Models?. Geochemistry, Geophysics, Geosystems, 2019, 20, 2418-2432.	2.5	16
24	Deep carbon cycle recorded by calciumâ€silicate rocks (rodingites) in a subductionâ€related ophiolite. Geophysical Research Letters, 2016, 43, 11,635.	4.0	15
25	Burial and exhumation of the Hoh Xil Basin, northern Tibetan Plateau: Constraints from detrital (Uâ€Th)/He ages. Basin Research, 2020, 32, 894-915.	2.7	12
26	Sedimentology, provenance and geochronology of the Miocene Qiuwu Formation: Implication for the uplift history of Southern Tibet. Geoscience Frontiers, 2017, 8, 823-839.	8.4	8
27	The burial and exhumation history of the Liuqu Conglomerate in the Yarlung Zangbo suture zone, southern Tibet: Insights from clumped isotope thermometry. Journal of Asian Earth Sciences, 2019, 174, 205-217.	2.3	7
28	Apatite and zircon (<scp>Uâ€“Th</scp>)/He thermochronological evidence for Mesozoic exhumation of the Central Tibetan Mountain Range. Geological Journal, 2021, 56, 599-611.	1.3	7
29	The middle Cretaceous (110â€“94 Ma) evolution of Tangza Basin in the western Tibetan Plateau and implications for initial topographic growth of northern Lhasa. Bulletin of the Geological Society of America, 2021, 133, 1283-1300.	3.3	4
30	New apatite fission track evidence from the northern Qiangtang terrane reveal twoâ€phase evolution of central Tibet. Terra Nova, 2021, 33, 95-108.	2.1	4
31	Episodic continental extension in eastern Gondwana during the mid-late mesozoic: insights from geochronology and geochemistry of mafic rocks in the Tethyan Himalaya. International Geology Review, 0, , 1-18.	2.1	1
32	Evidence for deep processes from the Miocene potassic rock: Dynamic subsidence and uplift of the India-Asia Suture Zone. Lithos, 2021, 388-389, 106061.	1.4	0
33	Sm-Nd isotopic compositions of deep-marine mudstones, Xigaze forearc basin, southern Tibet: implications for drainage evolution and expansion. Journal of Asian Earth Sciences, 2022, , 105228.	2.3	0