

Gong-Jian Tang

List of Publications by Year in descending order

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34
papers

1,541
citations

394421

19
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Ridge subduction and crustal growth in the Central Asian Orogenic Belt: Evidence from Late Carboniferous adakites and high-Mg diorites in the western Junggar region, northern Xinjiang (west) Tj ETQq1 1 0.784314 rg806Over	1.4	137
2	Geochronology and geochemistry of Late Paleozoic magmatic rocks in the Lamasuâ€“Dabate area, northwestern Tianshan (west China): Evidence for a tectonic transition from arc to post-collisional setting. Lithos, 2010, 119, 393-411.	4.4	131
3	Asthenosphereâ€“lithosphere interaction triggered by a slab window during ridge subduction: Trace element and Srâ€“Ndâ€“Hfâ€“Os isotopic evidence from Late Carboniferous tholeiites in the western Junggar area (NW China). Earth and Planetary Science Letters, 2012, 329-330, 84-96.	1.4	111
4	Late Carboniferous high $\hat{\mu}$ Nd(t)â€“ $\hat{\mu}$ Hf(t) granitoids, enclaves and dikes in western Junggar, NW China: Ridge-subduction-related magmatism and crustal growth. Lithos, 2012, 140-141, 86-102.	1.4	111
5	Transition from oceanic to continental lithosphere subduction in southern Tibet: Evidence from the Late Cretaceousâ€“Early Oligocene (~91â€“30Ma) intrusive rocks in the Chanangâ€“Zedong area, southern Gangdese. Lithos, 2014, 196-197, 213-231.	4.4	98
6	Short episodes of crust generation during protracted accretionary processes: Evidence from Central Asian Orogenic Belt, NW China. Earth and Planetary Science Letters, 2017, 464, 142-154.	12.8	90
7	Pliocene-Quaternary crustal melting in central and northern Tibet and insights into crustal flow. Nature Communications, 2016, 7, 11888.	1.4	85
8	Recycling oceanic crust for continental crustal growth: Srâ€“Ndâ€“Hf isotope evidence from granitoids in the western Junggar region, NW China. Lithos, 2012, 128-131, 73-83.	1.4	66
9	Petrogenesis of a Late Carboniferous mafic dikeâ€“granitoid association in the western Tianshan: Response to the geodynamics of oceanic subduction. Lithos, 2014, 202-203, 85-99.	3.3	53
10	Rapid formation of eclogites during a nearly closed ocean: Revisiting the Pianshishan eclogite in Qiangtang, central Tibetan Plateau. Chemical Geology, 2018, 477, 112-122.	3.4	36
11	Nature and Evolution of Crust in Southern Lhasa, Tibet: Transformation From Microcontinent to Juvenile Terrane. Journal of Geophysical Research: Solid Earth, 2019, 124, 6452-6474.	1.4	30
12	Lithium isotope fractionation during fluid exsolution: Implications for Li mineralization of the Bailongshan pegmatites in the West Kunlun, NW Tibet. Lithos, 2020, 352-353, 105236.	3.4	26
13	Genesis of pristine adakitic magmas by lower crustal melting: A perspective from amphibole composition. Journal of Geophysical Research: Solid Earth, 2017, 122, 1934-1948.	4.4	26
14	Crustal maturation through chemical weathering and crustal recycling revealed by Hfâ€“Oâ€“B isotopes. Earth and Planetary Science Letters, 2019, 524, 115709.	5.2	26
15	Adakitic rocks at convergent plate boundaries: Compositions and petrogenesis. Science China Earth Sciences, 2020, 63, 1992-2016.	5.2	26
16	Ridge subduction, magmatism, and metallogensis. Science China Earth Sciences, 2020, 63, 1499-1518.	1.4	24
17	Low $\hat{1}8O$ magmas in the carboniferous intra-oceanic arc, central Tibet: Implications for felsic magma generation and oceanic arc accretion. Lithos, 2019, 326-327, 28-38.	1.4	22
18	Magmatic record of Late Devonian arc-continent collision in the northern Qiangtang, Tibet: Implications for the early evolution of East Paleo-Tethys Ocean. Lithos, 2018, 308-309, 104-117.		

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19	The Late Jurassic Zedong ophiolite: A remnant of subduction initiation within the Yarlung Zangbo Suture Zone (southern Tibet) and its tectonic implications. <i>Gondwana Research</i> , 2020, 78, 172-188.	6.0	22
20	Passive-margin magmatism caused by enhanced slab-pull forces in central Tibet. <i>Geology</i> , 2021, 49, 130-134.	4.4	17
21	$^{87}\text{Sr}/^{86}\text{Sr}$ and $^{143}\text{Nd}/^{142}\text{Nd}$ isotope geochemistry of the Ertai pluton, NE Tibet: Implications for development of a crustal-scale granitoid pluton and crustal growth. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3340-3358.	2.5	15
22	Evolving Mantle Sources in Postcollisional Early Permian-Triassic Magmatic Rocks in the Heart of Tianshan Orogen (Western China). <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4110-4122.	2.5	14
23	Petrogenesis of Late Jurassic Pb-Zn mineralized high ^{18}O granodiorites in the western Nanling Range, South China. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104236.	2.3	10
24	High-Mg# Adakitic Rocks Formed by Lower-crustal Magma Differentiation: Mineralogical and Geochemical Evidence from Garnet-bearing Diorite Porphyries in Central Tibet. <i>Journal of Petrology</i> , 2021, 62, .	2.8	9
25	The Missing Magmatic Arc in a Long-Lived Ocean From the Western Kunlun-Pamir Paleotethys Realm. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	9
26	Petrogenesis of the Ulungur Intrusive Complex, NW China, and Implications for Crustal Generation and Reworking in Accretionary Orogens. <i>Journal of Petrology</i> , 2020, 61, .	2.8	8
27	A large contribution to arc magmas recorded by Nd-Hf isotopic decoupling: An example from the southern Qiangtang Block, central Tibet. <i>Journal of Asian Earth Sciences</i> , 2021, 221, 104931.	2.3	6
28	Zircon U-Pb geochronology and Sr-Nd-Hf-O isotope geochemistry of Late Jurassic granodiorites in the southern Qiangtang block, Tibet: Remelting of ancient mafic lower crust in an arc setting?. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104235.	2.3	5
29	Nature of the pre-collisional lithospheric mantle in Central Tibet: Insights to Tibetan Plateau uplift. <i>Lithos</i> , 2021, 388-389, 106076.	1.4	5
30	Partial Melting and Crustal Deformation during the Early Paleozoic Wuyi-Yunkai Orogeny: Insights from Zircon U-Pb Geochronology and Structural Analysis of the Fuhuling Migmatites in the Yunkai Region, South China. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 621.	2.0	4
31	Long-Distance Lateral Magma Propagation and Pamir Plateau Uplift. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
32	Links between continental subduction and generation of Cenozoic potassic-ultrapotassic rocks revealed by olivine oxygen isotopes: A case study from NW Tibet. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, .	3.1	4
33	The Silurian A-Type Granites in Northeastern Guangxi, South China Block: New Evidence of Transition from Compression to Post-orogenic Extension of the Kwangsi Orogen. <i>Acta Geologica Sinica</i> , 2016, 90, 1913-1914.	1.4	3
34	Subduction Erosion Revealed by Late Mesozoic Magmatism in the Gangdese Arc, South Tibet. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	2