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	Longâ€Distance Lateral Magma Propagation and Pamir Plateau Uplift. Geophysical Research Letters, 2022, 49, .	4.0	4
2	Subduction Erosion Revealed by Late Mesozoic Magmatism in the Gangdese Arc, South Tibet. Geophysical Research Letters, 2022, 49, .	4.0	2
3	Links between continental subduction and generation of Cenozoic potassicâ€“ultrapotassic rocks revealed by olivine oxygen isotopes: A case study from NW Tibet. Contributions To Mineralogy and Petrology, 2022, 177, .	3.1	4
4	High-Mg# Adakitic Rocks Formed by Lower-crustal Magma Differentiation: Mineralogical and Geochemical Evidence from Garnet-bearing Diorite Porphyries in Central Tibet. Journal of Petrology, 2021, 62, .	2.8	9
5	Passive-margin magmatism caused by enhanced slab-pull forces in central Tibet. Geology, 2021, 49, 130-134.	4.4	17
6	Nature of the pre-collisional lithospheric mantle in Central Tibet: Insights to Tibetan Plateau uplift. Lithos, 2021, 388-389, 106076.	1.4	5
7	A mÃ©lange contribution to arc magmas recorded by Ndâ€“Hf isotopic decoupling: An example from the southern Qiangtang Block, central Tibet. Journal of Asian Earth Sciences, 2021, 221, 104931.	2.3	6
8	The Missing Magmatic Arc in a Longâ€Lived Ocean From the Western Kunlunâ€Pamir Paleoâ€Tethys Realm. Geophysical Research Letters, 2021, 48, .	4.0	9
9	The Late Jurassic Zedong ophiolite: A remnant of subduction initiation within the Yarlung Zangbo Suture Zone (southern Tibet) and its tectonic implications. Gondwana Research, 2020, 78, 172-188.	6.0	22
10	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.	1.4	30
11	Adakitic rocks at convergent plate boundaries: Compositions and petrogenesis. Science China Earth Sciences, 2020, 63, 1992-2016.	5.2	26
12	Ridge subduction, magmatism, and metallogenesis. Science China Earth Sciences, 2020, 63, 1499-1518.	5.2	26
13	Petrogenesis of Late Jurassic Pbâ€“Zn mineralized high Î´18O granodiorites in the western Nanling Range, South China. Journal of Asian Earth Sciences, 2020, 192, 104236.	2.3	10
14	Petrogenesis of the Ulungur Intrusive Complex, NW China, and Implications for Crustal Generation and Reworking in Accretionary Orogens. Journal of Petrology, 2020, 61, .	2.8	8
15	Zircon Uâ€“Pb geochronology and Srâ€“Ndâ€“Hfâ€“O isotope geochemistry of Late Jurassic granodiorites in the southern Qiangtang block, Tibet: Remelting of ancient mafic lower crust in an arc setting?. Journal of Asian Earth Sciences, 2020, 192, 104235.	2.3	5
16	Crustal maturation through chemical weathering and crustal recycling revealed by Hfâ€“Oâ€“B isotopes. Earth and Planetary Science Letters, 2019, 524, 115709.	4.4	26
17	Partial Melting and Crustal Deformation during the Early Paleozoic Wuyiâ€“Yunkai Orogeny: Insights from Zircon U-Pb Geochronology and Structural Analysis of the Fuhuling Migmatites in the Yunkai Region, South China. Minerals (Basel, Switzerland), 2019, 9, 621.	2.0	4
18	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.	3.4	36

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19	Low Î´18O 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	24
20	Rapid formation of eclogites during a nearly closed ocean: Revisiting the Pianshishan eclogite in Qiangtang, central Tibetan Plateau. Chemical Geology, 2018, 477, 112-122.	3.3	53
21	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.	1.4	22
22	Genesis of pristine adakitic magmas by lower crustal melting: A perspective from amphibole composition. Journal of Geophysical Research: Solid Earth, 2017, 122, 1934-1948.	3.4	26
23	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.	4.4	98
24	<scp>S</scp>râ€<scp>N</scp>dâ€<scp>H</scp>fâ€<scp>O</scp> isotope geochemistry of the <scp>E</scp>rtaibei pluton, <scp>E</scp>ast <scp>J</scp>unggar, <scp>NW</scp><scp>C</scp>hina: Implications for development of a crustalâ€scale granitoid pluton and crustal growth. Geochemistry, Geophysics, Geosystems, 2017, 18, 3340-3358.	2.5	15
25	Evolving Mantle Sources in Postcollisional Early Permianâ€Triassic Magmatic Rocks in the Heart of Tianshan Orogen (Western China). Geochemistry, Geophysics, Geosystems, 2017, 18, 4110-4122.	2.5	14
26	Pliocene-Quaternary crustal melting in central and northern Tibet and insights into crustal flow. Nature Communications, 2016, 7, 11888.	12.8	90
27	The Silurian A-Type Granites in Northeastern Guangxi, South China Block: New Evidence of Transition from Compression to Post-orogenic Extension of the Kwangsian Orogen. Acta Geologica Sinica, 2016, 90, 1913-1914.	1.4	3
28	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.	1.4	111
29	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.	1.4	66
30	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.	4.4	131
31	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	85
32	Late Carboniferous high ÎµNd(t)â€“ÎµHf(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
33	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.	1.4	137
34	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 ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	306