Dongdong Liu

List of Publications by Year
in descending order

23 papers	453 citations	623734 14 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	411 citing authors

#	Article	IF	Citations
1	Latest Paleozoicâ€“Early Mesozoic basinâ€“range interactions in South Tian Shan (northwest China) and their tectonic significance: Constraints from detrital zircon Uâ€“Pb ages. Tectonophysics, 2013, 599, 197-213.	2.2	65
2	Major factors controlling fracture development in the Middle Permian Lucaogou Formation tight oil reservoir, Junggar Basin, NW China. Journal of Asian Earth Sciences, 2017, 146, 279-295.	2.3	54
3	Impact of laminae on pore structures of lacustrine shales in the southern Songliao Basin, NE China. Journal of Asian Earth Sciences, 2019, 182, 103935.	2.3	37
4	Provenance and geochemistry of Lower to Middle Permian strata in the southern Junggar and Turpan basins: A terrestrial record from mid-latitude NE Pangea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 495, 259-277.	2.3	30
5	Petrology and geochemistry of Early Permian volcanic rocks in South Tian Shan, NW China: implications for the tectonic evolution and Phanerozoic continental growth. International Journal of Earth Sciences, 2014, 103, 737-756.	1.8	28
6	What generated the Late Permian to Triassic unconformities in the southern Junggar Basin and western Turpan Basin; tectonic uplift, or increasing aridity?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 468, 1-17.	2.3	27
7	Early Silurian to Early Carboniferous ridge subduction in NW Junggar: Evidence from geochronological, geochemical, and Sr-Nd-Hf isotopic data on alkali granites and adakites. Lithos, 2018, 300-301, 314-329.	1.4	26
8	No pre-eruptive uplift in the Emeishan large igneous province: New evidences from its â€˜inner zoneâ€™, Dali area, Southwest China. Journal of Volcanology and Geothermal Research, 2014, 269, 57-67.	2.1	21
9	Lahar facies of the Latest Paleozoic Arbasay Formation: Geomorphological characters and paleoenvironment reconstruction of Northern Tian Shan, NW China. Journal of Asian Earth Sciences, 2015, 113, 282-292.	2.3	21
10	Disequilibrium partial melting of metasediments in subduction zones: Evidence from O-Nd-Hf isotopes and trace elements in S-type granites of the Chinese Altai. Lithosphere, 2019, 11, 149-168.	1.4	19
11	Natural fractures in carbonate-rich tight oil reservoirs from the Permian Lucaogou Formation, southern Junggar Basin, NW China: Insights from fluid inclusion microthermometry and isotopic geochemistry. Marine and Petroleum Geology, 2020, 119, 104500.	3.3	19
12	An evolving tectonic environment of Late Carboniferous to Early Permian granitic plutons in the Chinese Altai and Eastern Junggar terranes, Central Asian Orogenic Belt, NW China. Journal of Asian Earth Sciences, 2018, 159, 185-208.	2.3	18
13	Nd-O-Hf isotopic decoupling in S-type granites: Implications for ridge subduction. Lithos, 2019, 332-333, 261-273.	1.4	17
14	Petrography and geochemistry of the Lopingian (upper Permian)-Lower Triassic strata in the southern Junggar and Turpan basins, NW China: implications for weathering, provenance, and palaeogeography. International Geology Review, 2019, 61, 1016-1036.	2.1	14
15	Impact of residual zircon on Nd-Hf isotope decoupling during sediment recycling in subduction zone. Geoscience Frontiers, 2019, 10, 241-251.	8.4	13
16	Provenance and sedimentary evolution from the Middle Permian to Early Triassic around the Bogda Mountain, NW China: A tectonic inversion responding to the consolidation of Pangea. Marine and Petroleum Geology, 2020, 114, 104169.	3.3	11
17	Characterization of compact carbonate poreâ€“throat network systems in the Xiagou Formation in Qingxi Sag, Jiuquan Basin, China. Journal of Petroleum Science and Engineering, 2017, 159, 853-868.	4.2	10
18	Geochronological, geochemical, and Srâ€“Ndâ€“Hf isotopic studies of the Aketas adakitic granites in Eastern Junggar: Petrogenesis and tectonic implications. Geological Journal, 2018, 53, 80-101.	1.3	6

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19	Slab roll-back and crustal growth in the Eastern Junggar terrane, NW China: evidence from Carboniferous A-type granitoids and adakitic rocks. International Geology Review, 2021, 63, 748-768.	2.1	5
20	Geochronological, Geochemical and Sr-Nd-Hf Isotopic Studies of the A-type Granites and Adakitic Granodiorites in Western Junggar: Petrogenesis and Tectonic Implications. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Tc	2.0	
21	Effects of vegetation restoration on carbonateâ€derived laterite erodibility in karst mountain areas. Land Degradation and Development, 2022, 33, 1347-1365.	3.9	4
22	A novel model for silicon recycling in the lithosphere: Evidence from the Central Asian Orogenic Belt. Gondwana Research, 2019, 76, 115-122.	6.0	2
23	Partial melting of oceanic sediments in subduction zones and its contribution to the petrogenesis of peraluminous granites in the Chinese Altai. Geological Magazine, 2019, 156, 585-604.	1.5	2