Yan-Jie Tang

List of Publications by Year
in descending order

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38 papers	2,113 citations	236925 25 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	1392 citing authors

#	Article	IF	Citations
1	Asthenosphereâ€“lithospheric mantle interaction in an extensional regime: Implication from the geochemistry of Cenozoic basalts from Taihang Mountains, North China Craton. Chemical Geology, 2006, 233, 309-327.	3.3	247
2	Copper isotopic composition of the silicate Earth. Earth and Planetary Science Letters, 2015, 427, 95-103.	4.4	127
3	Lithium isotopic systematics of peridotite xenoliths from Hannuoba, North China Craton: Implications for meltâ€“rock interaction in the considerably thinned lithospheric mantle. Geochimica Et Cosmochimica Acta, 2007, 71, 4327-4341.	3.9	122
4	Widespread refertilization of cratonic and circum-cratonic lithospheric mantle. Earth-Science Reviews, 2013, 118, 45-68.	9.1	114
5	Refertilization of ancient lithospheric mantle beneath the central North China Craton: Evidence from petrology and geochemistry of peridotite xenoliths. Lithos, 2008, 101, 435-452.	1.4	113
6	Phanerozoic reactivation of the Archean North China Craton through episodic magmatism: Evidence from zircon Uâ€“Pb geochronology and Hf isotopes from the Liaodong Peninsula. Gondwana Research, 2011, 19, 446-459.	6.0	110
7	Multistage melt/fluid-peridotite interactions in the refertilized lithospheric mantle beneath the North China Craton: constraints from the Liâ€“Srâ€“Nd isotopic disequilibrium between minerals of peridotite xenoliths. Contributions To Mineralogy and Petrology, 2011, 161, 845-861.	3.1	87
8	Differential destruction of the North China Craton: A tectonic perspective. Journal of Asian Earth Sciences, 2013, 78, 71-82.	2.3	87
9	Highly heterogeneous lithospheric mantle beneath the Central Zone of the North China Craton evolved from Archean mantle through diverse melt refertilization. Gondwana Research, 2013, 23, 130-140.	6.0	76
10	Importance of melt circulation and crust-mantle interaction in the lithospheric evolution beneath the North China Craton: Evidence from Mesozoic basalt-borne clinopyroxene xenocrysts and pyroxenite xenoliths. Lithos, 2007, 96, 67-89.	1.4	74
11	Slab-derived lithium isotopic signatures in mantle xenoliths from northeastern North China Craton. Lithos, 2012, 149, 79-90.	1.4	69
12	Lower crustal xenoliths from Junan, Shandong province and their bearing on the nature of the lower crust beneath the North China Craton. Lithos, 2010, 119, 363-376.	1.4	62
13	Review of the Lithium Isotope System as a Geochemical Tracer. International Geology Review, 2007, 49, 374-388.	2.1	60
14	Melt/rock interaction in remains of refertilized Archean lithospheric mantle in Jiaodong Peninsula, North China Craton: Li isotopic evidence. Contributions To Mineralogy and Petrology, 2010, 160, 261-277.	3.1	60
15	Crustâ€“mantle interaction in the central North China Craton during the Mesozoic: Evidence from zircon Uâ€“Pb chronology, Hf isotope and geochemistry of syeniticâ€“monzonitic intrusions from Shanxi province. Lithos, 2011, 125, 449-462.	1.4	57
16	Melt-peridotite interaction in the Pre-Cambrian mantle beneath the western North China Craton: Petrology, geochemistry and Sr, Nd and Re isotopes. Lithos, 2012, 149, 100-114.	1.4	56
17	Transformation of Subcontinental Lithospheric Mantle through Peridotite-Melt Reaction: Evidence from a Highly Fertile Mantle Xenolith from the North China Craton. International Geology Review, 2007, 49, 658-679.	2.1	54
18	Contribution of subducted Pacific slab to Late Cretaceous mafic magmatism in Qingdao region, China: A petrological record. Island Arc, 2008, 17, 231-241.	1.1	54

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19	The origin of spongy texture in minerals of mantle xenoliths from the Western Qinling, central China. Contributions To Mineralogy and Petrology, 2011, 161, 465-482.	3.1	53
20	Potential Orthopyroxene, Clinopyroxene and Olivine Reference Materials for In Situ <scp>L</scp>ithium Isotope Determination. Geostandards and Geoanalytical Research, 2015, 39, 357-369.	3.1	51
21	Continental growth and secular evolution: Constraints from U-Pb ages and Hf isotope of detrital zircons in Proterozoic Jixian sedimentary section (1.8â€“0.8Ga), North China Craton. Precambrian Research, 2011, 189, 229-238.	2.7	49
22	Abnormal lithium isotope composition from the ancient lithospheric mantle beneath the North China Craton. Scientific Reports, 2014, 4, 4274.	3.3	45
23	Compositionally stratified lithosphere and carbonatite metasomatism recorded in mantle xenoliths from the Western Qinling (Central China). Lithos, 2010, 116, 111-128.	1.4	44
24	Distinguishing silicate and carbonatite mantle metasomatism by using lithium and its isotopes. Chemical Geology, 2014, 381, 67-77.	3.3	38
25	Extremely high Li and low Î´7Li signatures in the lithospheric mantle. Chemical Geology, 2012, 292-293, 149-157.	3.3	37
26	Rapid eruption of the Ningwu volcanics in eastern China: Response to Cretaceous subduction of the Pacific plate. Geochemistry, Geophysics, Geosystems, 2013, 14, 1703-1721.	2.5	26
27	Recycled crustal melt injection into lithospheric mantle: implication from cumulative composite and pyroxenite xenoliths. International Journal of Earth Sciences, 2010, 99, 1167-1186.	1.8	22
28	Extreme lithium isotopic fractionation in three zircon standards (PleÅ¡ovice, Qinghu and Temora). Scientific Reports, 2015, 5, 16878.	3.3	20
29	Large Lithium Isotopic Variations in Minerals from Peridotite Xenoliths from the Eastern North China Craton. Journal of Geology, 2015, 123, 79-94.	1.4	18
30	A brief review of isotopically light Li â€“ a feature of the enriched mantle?. International Geology Review, 2010, 52, 964-976.	2.1	15
31	Metasomatized Lithospheric Mantle beneath the Western Qinling, Central China: Insight into Carbonatite Melts in the Mantle. Journal of Geology, 2012, 120, 671-681.	1.4	15
32	Breakdown of orthopyroxene contributing to melt pockets in mantle peridotite xenoliths from the Western Qinling, central China: constraints from in situ LA-ICP-MS mineral analyses. Mineralogy and Petrology, 2012, 104, 225-247.	1.1	15
33	The genesis of mantle-derived sapphirine. American Mineralogist, 2012, 97, 856-863.	1.9	14
34	Zoned olivine xenocrysts in a late Mesozoic gabbro from the southern Taihang Mountains: implications for old lithospheric mantle beneath the central North China Craton. Geological Magazine, 2010, 147, 161-170.	1.5	12
35	Barium isotope evidence for recycled crustal materials in the mantle source of continental basalts. Lithos, 2021, 390-391, 106111.	1.4	8
36	Review of melting experiments on carbonated eclogite and peridotite: insights into mantle metasomatism. International Geology Review, 2012, 54, 1443-1455.	2.1	1

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37	Oxygen fugacity evolution of the mantle lithosphere beneath the North China Craton. International Geology Review, 0, , 1-16.	2.1	1
38	Secular Evolution of Lithospheric Mantle Beneath the Central North China Craton: Implication from Basaltic Rocks and Their Xenoliths. , 0, , .		0