

# Yanjie Tang

## List of Publications by Year in descending order

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48  
papers

2,609  
citations

172386

29  
h-index

206029

48  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of Permian bimodal volcanic rocks from central Inner Mongolia, North China: Implication for tectonic setting and Phanerozoic continental growth in Central Asian Orogenic Belt. <i>Chemical Geology</i> , 2008, 249, 262-281.	1.4	271
2	Asthenosphere–lithospheric mantle interaction in an extensional regime: Implication from the geochemistry of Cenozoic basalts from Taihang Mountains, North China Craton. <i>Chemical Geology</i> , 2006, 233, 309-327.	1.4	247
3	Copper isotopic composition of the silicate Earth. <i>Earth and Planetary Science Letters</i> , 2015, 427, 95-103.	1.8	127
4	Lithium isotopic systematics of peridotite xenoliths from Hannuoba, North China Craton: Implications for melt–rock interaction in the considerably thinned lithospheric mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4327-4341.	1.6	122
5	Widespread refertilization of cratonic and circum-cratonic lithospheric mantle. <i>Earth-Science Reviews</i> , 2013, 118, 45-68.	4.0	114
6	Refertilization of ancient lithospheric mantle beneath the central North China Craton: Evidence from petrology and geochemistry of peridotite xenoliths. <i>Lithos</i> , 2008, 101, 435-452.	0.6	113
7	Phanerozoic reactivation of the Archean North China Craton through episodic magmatism: Evidence from zircon U–Pb geochronology and Hf isotopes from the Liaodong Peninsula. <i>Gondwana Research</i> , 2011, 19, 446-459.	3.0	110
8	Multistage melt/fluid-peridotite interactions in the refertilized lithospheric mantle beneath the North China Craton: constraints from the Li–Sr–Nd isotopic disequilibrium between minerals of peridotite xenoliths. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 845-861.	1.2	87
9	Differential destruction of the North China Craton: A tectonic perspective. <i>Journal of Asian Earth Sciences</i> , 2013, 78, 71-82.	1.0	87
10	Highly heterogeneous lithospheric mantle beneath the Central Zone of the North China Craton evolved from Archean mantle through diverse melt refertilization. <i>Gondwana Research</i> , 2013, 23, 130-140.	3.0	76
11	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. <i>Lithos</i> , 2007, 96, 67-89.	0.6	74
12	Iron isotope variations in spinel peridotite xenoliths from North China Craton: implications for mantle metasomatism. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 1-14.	1.2	71
13	Slab-derived lithium isotopic signatures in mantle xenoliths from northeastern North China Craton. <i>Lithos</i> , 2012, 149, 79-90.	0.6	69
14	Lower crustal xenoliths from Junan, Shandong province and their bearing on the nature of the lower crust beneath the North China Craton. <i>Lithos</i> , 2010, 119, 363-376.	0.6	62
15	Review of the Lithium Isotope System as a Geochemical Tracer. <i>International Geology Review</i> , 2007, 49, 374-388.	1.1	60
16	Melt/rock interaction in remains of refertilized Archean lithospheric mantle in Jiaodong Peninsula, North China Craton: Li isotopic evidence. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 261-277.	1.2	60
17	Crust–mantle interaction in the central North China Craton during the Mesozoic: Evidence from zircon U–Pb chronology, Hf isotope and geochemistry of syenitic–monzonitic intrusions from Shanxi province. <i>Lithos</i> , 2011, 125, 449-462.	0.6	57
18	Melt-peridotite interaction in the Pre-Cambrian mantle beneath the western North China Craton: Petrology, geochemistry and Sr, Nd and Re isotopes. <i>Lithos</i> , 2012, 149, 100-114.	0.6	56

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19	Transformation of Subcontinental Lithospheric Mantle through Peridotite-Melt Reaction: Evidence from a Highly Fertile Mantle Xenolith from the North China Craton. <i>International Geology Review</i> , 2007, 49, 658-679.	1.1	54
20	Contribution of subducted Pacific slab to Late Cretaceous mafic magmatism in Qingdao region, China: A petrological record. <i>Island Arc</i> , 2008, 17, 231-241.	0.5	54
21	Petrology and geochemistry of Zijinshan alkaline intrusive complex in Shanxi Province, western North China Craton: Implication for magma mixing of different sources in an extensional regime. <i>Lithos</i> , 2007, 98, 45-66.	0.6	53
22	The origin of spongy texture in minerals of mantle xenoliths from the Western Qinling, central China. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 465-482.	1.2	53
23	Continental growth and secular evolution: Constraints from U-Pb ages and Hf isotope of detrital zircons in Proterozoic Jixian sedimentary section (1.8–0.8Ga), North China Craton. <i>Precambrian Research</i> , 2011, 189, 229-238.	1.2	49
24	Origin, Accretion, and Reworking of Continents. <i>Reviews of Geophysics</i> , 2021, 59, e2019RG000689.	9.0	48
25	Compositionally stratified lithosphere and carbonatite metasomatism recorded in mantle xenoliths from the Western Qinling (Central China). <i>Lithos</i> , 2010, 116, 111-128.	0.6	44
26	Secular evolution of the lithospheric mantle beneath the eastern North China craton: evidence from peridotitic xenoliths from Late Cretaceous mafic rocks in the Jiaodong region, east-central China. <i>International Geology Review</i> , 2011, 53, 182-211.	1.1	38
27	Distinguishing silicate and carbonatite mantle metasomatism by using lithium and its isotopes. <i>Chemical Geology</i> , 2014, 381, 67-77.	1.4	38
28	Geochemistry of hornblende gabbros from Sonidzuoqi, Inner Mongolia, North China: implications for magmatism during the final stage of suprasubduction zone ophiolite formation. <i>International Geology Review</i> , 2009, 51, 345-373.	1.1	37
29	Records of magnetic properties in Quaternary loess and its paleoclimatic significance: a brief review. <i>Quaternary International</i> , 2003, 108, 33-50.	0.7	29
30	Nature and secular evolution of the lithospheric mantle beneath the North China Craton. <i>Science China Earth Sciences</i> , 2021, 64, 1492-1503.	2.3	29
31	Diverse crustal components in pyroxenite xenoliths from Junan, Sulu orogenic belt: Implications for lithospheric modification invoked by continental subduction. <i>Chemical Geology</i> , 2013, 356, 181-192.	1.4	27
32	Rapid eruption of the Ningwu volcanics in eastern China: Response to Cretaceous subduction of the Pacific plate. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1703-1721.	1.0	26
33	Recycled crustal melt injection into lithospheric mantle: implication from cumulative composite and pyroxenite xenoliths. <i>International Journal of Earth Sciences</i> , 2010, 99, 1167-1186.	0.9	22
34	Formation of melt pocket in mantle peridotite xenolith from western Qinling, Central China: Partial melting and metasomatism. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 641-668.	1.1	19
35	Large Lithium Isotopic Variations in Minerals from Peridotite Xenoliths from the Eastern North China Craton. <i>Journal of Geology</i> , 2015, 123, 79-94.	0.7	18
36	A brief review of isotopically light Li – a feature of the enriched mantle?. <i>International Geology Review</i> , 2010, 52, 964-976.	1.1	15

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37	Metasomatized Lithospheric Mantle beneath the Western Qinling, Central China: Insight into Carbonatite Melts in the Mantle. <i>Journal of Geology</i> , 2012, 120, 671-681.	0.7	15
38	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. <i>Mineralogy and Petrology</i> , 2012, 104, 225-247.	0.4	15
39	The genesis of mantle-derived sapphirine. <i>American Mineralogist</i> , 2012, 97, 856-863.	0.9	14
40	Zoned olivine xenocrysts in a late Mesozoic gabbro from the southern Taihang Mountains: implications for old lithospheric mantle beneath the central North China Craton. <i>Geological Magazine</i> , 2010, 147, 161-170.	0.9	12
41	Garnet-spinel transition in the upper mantle: Review and interpretation. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 635-640.	1.1	11
42	Geochemical syntheses among the cratonic, off-cratonic and orogenic garnet peridotites and their tectonic implications. <i>International Journal of Earth Sciences</i> , 2011, 100, 695-715.	0.9	11
43	Platinum-group element geochemistry of Cenozoic basalts from the North China Craton: Implications for mantle heterogeneity. <i>Science China Earth Sciences</i> , 2015, 58, 881-895.	2.3	4
44	Re- <sup>187</sup> Os isotope systematics of Archean chromitites from the Chimalpahad Anorthosite Complex, south-east India: Implications for mantle extraction processes. <i>Ore Geology Reviews</i> , 2015, 65, 274-282.	1.1	4
45	Mechanisms for phosphorus fluctuation in Phanerozoic volcanic rocks. <i>Lithos</i> , 2022, 424-425, 106764.	0.6	4
46	Review of melting experiments on carbonated eclogite and peridotite: insights into mantle metasomatism. <i>International Geology Review</i> , 2012, 54, 1443-1455.	1.1	1
47	Three-stage modification of lithospheric mantle: Evidence from petrology, in-situ trace elements, and Sr isotopes of mantle xenoliths in the Cenozoic basalts, northeastern North China Craton. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1247-1257.	1.6	1
48	Keel of the eastern North China craton weakened by Proterozoic large igneous provinces. <i>International Geology Review</i> , 2023, 65, 669-681.	1.1	1