

# Ji-Feng Ying

## List of Publications by Year in descending order

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62  
papers

3,836  
citations

101496

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64  
docs citations

64  
times ranked

1885  
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Mesozoic volcanism in the Great Xing'an Range (NE China): Timing and implications for the dynamic setting of NE Asia. <i>Earth and Planetary Science Letters</i> , 2006, 251, 179-198.	1.8	466
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	Geochemical constraints on the origin of Mesozoic alkaline intrusive complexes from the North China Craton and tectonic implications. <i>Lithos</i> , 2005, 81, 297-317.	0.6	168
4	Geochronological framework of Mesozoic volcanic rocks in the Great Xing'an Range, NE China, and their geodynamic implications. <i>Journal of Asian Earth Sciences</i> , 2010, 39, 786-793.	1.0	136
5	Nature and evolution of Late Cretaceous lithospheric mantle beneath the eastern North China Craton: Constraints from petrology and geochemistry of peridotitic xenoliths from Jiayuan, Shandong Province, China. <i>Earth and Planetary Science Letters</i> , 2006, 244, 622-638.	1.8	124
6	Evolution of lithospheric mantle beneath the Tan-Lu fault zone, eastern North China Craton: Evidence from petrology and geochemistry of peridotite xenoliths. <i>Lithos</i> , 2010, 117, 229-246.	0.6	123
7	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
8	Geochemistry and Sr–Nd–Pb–Hf isotopes of Early Cretaceous basalts from the Great Xing'an Range, NE China: Implications for their origin and mantle source characteristics. <i>Chemical Geology</i> , 2008, 256, 12-23.	1.4	118
9	Widespread refertilization of cratonic and circum-cratonic lithospheric mantle. <i>Earth-Science Reviews</i> , 2013, 118, 45-68.	4.0	114
10	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
11	Episodic widespread magma underplating beneath the North China Craton in the Phanerozoic: Implications for craton destruction. <i>Gondwana Research</i> , 2013, 23, 95-107.	3.0	111
12	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
13	Geochemical and isotopic investigation of the Laiwu–Zibo carbonatites from western Shandong Province, China, and implications for their petrogenesis and enriched mantle source. <i>Lithos</i> , 2004, 75, 413-426.	0.6	108
14	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
15	Differential destruction of the North China Craton: A tectonic perspective. <i>Journal of Asian Earth Sciences</i> , 2013, 78, 71-82.	1.0	87
16	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
17	Episodic growth of Precambrian lower crust beneath the North China Craton: A synthesis. <i>Precambrian Research</i> , 2012, 222-223, 255-264.	1.2	75
18	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

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19	Geochronological and geochemical investigation of the late Mesozoic volcanic rocks from the Northern Great Xing <sup>TM</sup> an Range and their tectonic implications. <i>International Journal of Earth Sciences</i> , 2010, 99, 357-378.	0.9	73
20	Slab-derived lithium isotopic signatures in mantle xenoliths from northeastern North China Craton. <i>Lithos</i> , 2012, 149, 79-90.	0.6	69
21	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
22	Review of the Lithium Isotope System as a Geochemical Tracer. <i>International Geology Review</i> , 2007, 49, 374-388.	1.1	60
23	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
24	Evolution of the Archean and Paleoproterozoic lower crust beneath the Trans-North China Orogen and the Western Block of the North China Craton. <i>Gondwana Research</i> , 2012, 22, 73-85.	3.0	60
25	Crust <sup>^</sup> mantle interaction in the central North China Craton during the Mesozoic: Evidence from zircon U <sup>^</sup> Pb chronology, Hf isotope and geochemistry of syenitic <sup>^</sup> monzonitic intrusions from Shanxi province. <i>Lithos</i> , 2011, 125, 449-462.	0.6	57
26	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
27	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
28	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
29	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
30	Geochemistry of ultrapotassic volcanic rocks in Xiaogulihe NE China: Implications for the role of ancient subducted sediments. <i>Lithos</i> , 2014, 208-209, 53-66.	0.6	52
31	Continental growth and secular evolution: Constraints from U-Pb ages and Hf isotope of detrital zircons in Proterozoic Jixian sedimentary section (1.8 <sup>^</sup> 0.8Ga), North China Craton. <i>Precambrian Research</i> , 2011, 189, 229-238.	1.2	49
32	Abnormal lithium isotope composition from the ancient lithospheric mantle beneath the North China Craton. <i>Scientific Reports</i> , 2014, 4, 4274.	1.6	45
33	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
34	Light Mg isotopes in mantle-derived lavas caused by chromite crystallization, instead of carbonatite metasomatism. <i>Earth and Planetary Science Letters</i> , 2019, 522, 79-86.	1.8	41
35	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
36	Extremely high Li and low <sup>7</sup> Li signatures in the lithospheric mantle. <i>Chemical Geology</i> , 2012, 292-293, 149-157.	1.4	37

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37	Mantle upwelling during Permian to Triassic in the northern margin of the North China Craton: Constraints from southern Inner Mongolia. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 112-129.	1.0	36
38	Magnesium Isotopic Evidence for Ancient Subducted Oceanic Crust in LOMU-like Potassium-Rich Volcanic Rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7562-7572.	1.4	35
39	Nature and processes of the lithospheric mantle beneath the western Qinling: Evidence from deformed peridotitic xenoliths in Cenozoic kamafugite from Haoti, Gansu Province, China. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 258-274.	1.0	27
40	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
41	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
42	The geochemical variations of mid-Cretaceous lavas across western Shandong Province, China and their tectonic implications. <i>International Journal of Earth Sciences</i> , 2006, 95, 68-79.	0.9	24
43	Contribution of crustal materials to the mantle sources of Xiaogulihe ultrapotassic volcanic rocks, Northeast China: New constraints from mineral chemistry and oxygen isotopes of olivine. <i>Chemical Geology</i> , 2015, 405, 10-18.	1.4	24
44	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
45	Composition and structure of the lithospheric mantle beneath NE Iran: Constraints from mantle xenoliths. <i>Lithos</i> , 2014, 202-203, 267-282.	0.6	21
46	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
47	Guangtoushan granites and their enclaves: Implications for Triassic mantle upwelling in the northern margin of the North China Craton. <i>Lithos</i> , 2012, 149, 174-187.	0.6	19
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	Multistage mantle metasomatism deciphered by Mg <sup>26</sup> Sr <sup>87</sup> Nd <sup>143</sup> Pb isotopes in the Leucite Hills lamproites. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	11
56	Barium isotope evidence for recycled crustal materials in the mantle source of continental basalts. <i>Lithos</i> , 2021, 390-391, 106111.	0.6	8
57	Carbonatite $\epsilon$ metasomatism signatures hidden in silicate $\epsilon$ metasomatized mantle xenoliths from <sc>NE C</sc>hina. <i>Geological Journal</i> , 2018, 53, 682-691.	0.6	6
58	Origin of clinopyroxene megacrysts in volcanic rocks from the North China Craton: a comparison study with megacrysts worldwide. <i>International Geology Review</i> , 2020, 62, 1845-1861.	1.1	4
59	Mantle olivine xenocrysts entrained in Mesozoic basalts from the North China craton: Implication for replacement process of lithospheric mantle. <i>Science Bulletin</i> , 2004, 49, 961.	1.7	3
60	Diverse origins of pyroxenite xenoliths from Yangyuan, North China Craton: implications for the modification of lithosphere by magma underplating and melt-rock interactions. <i>Lithos</i> , 2020, 372-373, 105680.	0.6	3
61	Oxygen fugacity evolution of the mantle lithosphere beneath the North China Craton. <i>International Geology Review</i> , 0, , 1-16.	1.1	1
62	Secular Evolution of Lithospheric Mantle Beneath the Central North China Craton: Implication from Basaltic Rocks and Their Xenoliths. , 0, , .		0