Jingsui Yang

List of Publications by Citations

108 papers	2,040 citations	25 h-index	41 g-index
157 ext. papers	2,272 ext. citations	2.4 avg, IF	4.95 L-index

#	Paper	IF	Citations
108	Discovery of metamorphic diamonds in central China: an indication of a > 4000-km-long zone of deep subduction resulting from multiple continental collisions. *Terra Nova*, **2003**, 15, 370-379	3	161
107	Two Ultrahigh-Pressure Metamorphic Events Recognized in the Central Orogenic Belt of China: Evidence from the U-Pb Dating of Coesite-Bearing Zircons. *International Geology Review*, **2005**, 47, 327-343	2.3	121
106	Diamonds, native elements and metal alloys from chromitites of the Ray-Iz ophiolite of the Polar Urals. *Gondwana Research*, **2015**, 27, 459-485	5.1	117
105	High-pressure highly reduced nitrides and oxides from chromitite of a Tibetan ophiolite. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 19233-8	11.5	109
104	Origin of podiform chromitite, a new model based on the Luobusa ophiolite, Tibet. *Gondwana Research*, **2015**, 27, 525-542	5.1	84
103	Discovery of eclogite at northern margin of Qaidam Basin, NW China. *Science Bulletin*, **1998**, 43, 1755-1760		78
102	Dur□goi ophiolite in East Kunlun, Northeast Tibetan plateau: Evidence for paleo-Tethyan suture in Northwest China. *Journal of Earth Science (Wuhan, China)*, **2009**, 20, 303-331	2.2	67
101	Recycled crustal zircons from podiform chromitites in the Luobusa ophiolite, southern Tibet. *Island Arc*, **2013**, 22, 89-103	2	65
100	Origin of ultrahigh pressure and highly reduced minerals in podiform chromitites and associated mantle peridotites of the Luobusa ophiolite, Tibet. *Gondwana Research*, **2015**, 27, 686-700	5.1	59
99	Zircon U-Pb SHRIMP dating of the Yematan batholith in Dulan, North Qaidam, NW China. *Science Bulletin*, **2004**, 49, 1736-1740		50
98	Unusual mantle mineral group from chromitite orebody Cr-11 in Luobusa ophiolite of Yarlung-Zangbo suture zone, Tibet. *Journal of Earth Science (Wuhan, China)*, **2009**, 20, 284-302	2.2	49
97	A New HP/LT Metamorphic Terrane in the Northern Altyn Tagh, Western China. *International Geology Review*, **2005**, 47, 371-386	2.3	48
96	Qingsongite, natural cubic boron nitride: The first boron mineral from the Earth□s mantle. *American Mineralogist*, **2014**, 99, 764-772	2.9	42
95	Ultramafic blocks in Sumdo region, Lhasa block, Eastern Tibet plateau: An ophiolite unit. *Journal of Earth Science (Wuhan, China)*, **2009**, 20, 332-347	2.2	41
94	Petrogenesis of the Kangjinla peridotite in the Luobusa ophiolite, Southern Tibet. *Journal of Asian Earth Sciences*, **2011**, 42, 553-568	2.8	36
93	Eclogitic metapelites in the western segment of the north Qaidam Mountains: Evidence on □in situ□ relationship between eclogite and its country rock. *Science in China Series D: Earth Sciences*, **2004**, 47, 1102-1112		33
92	Tectonic Evolution of the Western Yarlung Zangbo Ophiolitic Belt, Tibet: Implications from the Petrology, Mineralogy, and Geochemistry of the Peridotites. *Journal of Geology*, **2016**, 124, 353-376	2	32

91	High-Al and high-Cr podiform chromitites from the western Yarlung-Zangbo suture zone, Tibet: Implications from mineralogy and geochemistry of chromian spinel, and platinum-group elements. *Ore Geology Reviews*, **2017**, 80, 1020-1041	3.2	31
90	Ophiolites, diamonds, and ultrahigh-pressure minerals: New discoveries and concepts on upper mantle petrogenesis. *Lithosphere*, **2018**, 10, 3-13	2.7	30
89	Records of Indosinian orogenesis in Lhasa terrane, Tibet. *Journal of Earth Science (Wuhan, China)*, **2009**, 20, 348-363	2.2	28
88	Finding of high-pressure mafic granulites in the Amdo basement, central Tibet. *Science Bulletin*, **2010**, 55, 3694-3702		28
87	Hematite and magnetite precipitates in olivine from the Sulu peridotite: A result of dehydrogenation-oxidation reaction of mantle olivine?. *American Mineralogist*, **2008**, 93, 1051-1060	2.9	28
86	Diamond-bearing ophiolites and their geological occurrence. *Episodes*, **2015**, 38, 344-364	1.6	28
85	Chromium isotope signature during continental crust subduction recorded in metamorphic rocks. *Geochemistry, Geophysics, Geosystems*, **2015**, 16, 3840-3854	3.6	27
84	Diamonds Discovered from High□r Podiform Chromitites of Bulqiza, Eastern Mirdita Ophiolite, Albania. *Acta Geologica Sinica*, **2017**, 91, 455-468	0.7	25
83	Deep structure and lithospheric shear faults in the East Kunlun-Qiangtang region, northern Tibetan Plateau. *Science in China Series D: Earth Sciences*, **2001**, 44, 1-9		25
82	Petrological and Os isotopic constraints on the origin of the Dongbo peridotite massif, Yarlung Zangbo Suture Zone, Western Tibet. *Journal of Asian Earth Sciences*, **2015**, 110, 72-84	2.8	23
81	Fourier transform infrared spectroscopy data and carbon isotope characteristics of the ophiolite-hosted diamonds from the Luobusa ophiolite, Tibet, and Ray-Iz ophiolite, Polar Urals. *Lithosphere*, **2018**, 10, 156-169	2.7	22
80	Mineralogy and geochemistry of peridotites and chromitites in the Aladag Ophiolite (southern Turkey): melt evolution of the Cretaceous Neotethyan mantle. *Journal of the Geological Society*, **2019**, 176, 958-974	2.7	21
79	Yarlongite: A New Metallic Carbide Mineral. *Acta Geologica Sinica*, **2009**, 83, 52-56	0.7	21
78	Petrology and geochemistry of high Cr# podiform chromitites of Bulqiza, Eastern Mirdita Ophiolite (EMO), Albania. *Ore Geology Reviews*, **2015**, 70, 188-207	3.2	19
77	Qusongite (WC): A new mineral. *American Mineralogist*, **2009**, 94, 387-390	2.9	19
76	Bashikaogong-Shimierbulake granitic complex, north Altun, NW China: Geochemistry and zircon SHRIMP ages. *Science in China Series D: Earth Sciences*, **2006**, 49, 1233-1251		19
75	SHRIMP U-Pb zircon dating for Qiashikansayi granodiorite, the northern Altyn Tagh mountains and its geological implications. *Science Bulletin*, **2005**, 50, 440-445		19
74	Carbon and nitrogen isotopes and mineral inclusions in diamonds from chromitites of the Mirdita ophiolite (Albania) demonstrate recycling of oceanic crust into the mantle. *American Mineralogist*, **2019**, 104, 485-500	2.9	18

73	Carbon and nitrogen isotope, and mineral inclusion studies on the diamonds from the Pozanti□Karsanti chromitite, Turkey. *Contributions To Mineralogy and Petrology*, **2018**, 173, 1	3.5	18
72	Diamonds and other unusual minerals from peridotites of the Myitkyina ophiolite, Myanmar. *Journal of Asian Earth Sciences*, **2018**, 164, 179-193	2.8	18
71	Peridotites, chromitites and diamonds in ophiolites. *Nature Reviews Earth & Environment*, **2021**, 2, 198-212	30.2	18
70	Discovery of khondalite series from the western segment of Altyn Tagh and their petrological and geochronological studies. *Science in China Series D: Earth Sciences*, **2000**, 43, 308-316		17
69	Ophiolite-Hosted Diamond: A New Window for Probing Carbon Cycling in the Deep Mantle. *Engineering*, **2019**, 5, 406-420	9.7	16
68	Discovery and Significance of Diamonds and Moissanites in Chromitite within the Skenderbeu Massif of the Mirdita Zone Ophiolite, West Albania. *Acta Geologica Sinica*, **2017**, 91, 882-897	0.7	16
67	Multiple episodes of melting, depletion, and enrichment of the Tethyan mantle: Petrogenesis of the peridotites and chromitites in the Jurassic Skenderbeu massif, Mirdita ophiolite, Albania. *Lithosphere*, **2018**, 10, 54-78	2.7	16
66	Origin of Baotoudong syenites in North China Craton: Petrological, mineralogical and geochemical evidence. *Science China Earth Sciences*, **2016**, 59, 95-110	4.6	15
65	The shoshonitic volcanic rocks at Hongliuxia: Pulses of the Altyn Tagh fault in Cretaceous?. *Science in China Series D: Earth Sciences*, **2001**, 44, 94-102		15
64	Petrogenesis of lherzolites from the Purang ophiolite, Yarlung-Zangbo suture zone, Tibet: origin and significance of ultra-high pressure and other □unusual□minerals in the Neo-Tethyan lithospheric mantle. *International Geology Review*, **2019**, 61, 2184-2210	2.3	14
63	Petrology and geochemistry of the high-Cr podiform chromitites of the K□cegiz ophiolite, southwest Turkey: implications for the multi-stage evolution of the oceanic upper mantle. *Mineralogy and Petrology*, **2018**, 112, 685-704	1.6	11
62	Silicon-rutile □An ultra-high pressure (UHP) mineral from an ophiolite. *Progress in Natural Science: Materials International*, **2003**, 13, 528-531	3.6	11
61	SiO2 solubility in rutile at high temperature and high pressure. *Journal of Earth Science (Wuhan, China)*, **2009**, 20, 274-283	2.2	10
60	Initial movement of the Karakorum Fault in western Tibet: constraints from SHRIMP U-Pb dating of zircons. *Science Bulletin*, **2007**, 52, 1089-1100		10
59	A New Caledonian Khondalite Series in West Kunlun, China: Age Constraints and Tectonic Significance. *International Geology Review*, **2005**, 47, 986-998	2.3	10
58	Geochemistry and tectonic significance of the Gongzhu peridotites in the northern branch of the western Yarlung Zangbo ophiolitic belt, western Tibet. *Mineralogy and Petrology*, **2017**, 111, 729-746	1.6	9
57	Precambrian zircons in chromitites of the Cretaceous Aladag ophiolite (Turkey) indicate deep crustal recycling in oceanic mantle. *Precambrian Research*, **2020**, 350, 105838	3.9	9
56	Opx□Cpx exsolution textures in lherzolites of the Cretaceous Purang Ophiolite (S. Tibet, China), and the deep mantle origin of Neotethyan abyssal peridotites. *International Geology Review*, **2020**, 62, 665-682	2.3	9

55	Origin of Chromitites in the Songshugou Peridotite Massif, Qinling Orogen (Central China): Mineralogical and Geochemical Evidence. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 476-493	2.2	8
54	Comment on "Comparison of enigmatic diamonds from the tolbachik arc volcano (Kamchatka) and Tibetan ophiolites: Assessing the role of contamination by synthetic materials" by. *Gondwana Research*, **2020**, 79, 301-303	5.1	8
53	The metamorphic evolution and tectonic significance of the Sumdo HP–UHP metamorphic terrane, central-south Lhasa Block, Tibet. *Geological Society Special Publication*, **2019**, 474, 209-229	1.7	8
52	Geochemistry and geochronology of OIB-type, Early Jurassic magmatism in the Zhangguangcai range, NE China, as a result of continental back-arc extension. *Geological Magazine*, **2021**, 158, 143-157	2	8
51	Metamorphism and Oceanic Crust Exhumation Constrained by the Jilang Eclogite and Meta-Quartzite from the Sumdo (U)HP Metamorphic Belt. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 510-524	2.2	7
50	Nanoscale Diopside and Spinel Exsolution in Olivine from Dunite of the Tethyan Ophiolites, Southwestern Turkey: Implications for the Multi-Stage Process. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 6587-6596	1.3	7
49	Petrology and PGE Abundances of High-Cr and High-Al Podiform Chromitites and Peridotites from the Bulqiza Ultramafic Massif, Eastern Mirdita Ophiolite, Albania. *Acta Geologica Sinica*, **2018**, 92, 1063-1081	0.7	7
48	Magnetic properties of serpentinized peridotites from the Dongbo ophiolite, SW Tibet: Implications for suture-zone magnetic anomalies. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 4814-4830	3.6	6
47	Changes in the cell parameters of antigorite close to its dehydration reaction at subduction zone conditions. *American Mineralogist*, **2020**, 105, 569-582	2.9	6
46	Post-Collisional, Potassic Volcanism in the Saga Area, Western Tibet: Implications for the Nature of the Mantle Source and Geodynamic Setting. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 571-584	2.2	5
45	Petrological and Os Isotopic Characteristics of Zedong Peridotites in the Eastern Yarlung–Zangbo Suture in Tibet. *Acta Geologica Sinica*, **2018**, 92, 442-461	0.7	5
44	Tectonic Implications and Petrogenesis of the Various Types of Magmatic Rocks from the Zedang Area in Southern Tibet. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 1125-1143	2.2	5
43	The crystal structure of (Fe4Cr4Ni)9C4. *Science in China Series D: Earth Sciences*, **2005**, 48, 338		4
42	Mineral inclusions in zircon domains and geological significance of SHRIMP U-Pb dating for coesite-bearing zircons of paragneiss in Sulu terrane, eastern China. *Science in China Series D: Earth Sciences*, **2005**, 48, 175		4
41	Helium Isotopic Composition of the Songduo Eclogites in the Lhasa Terrane, Tibet: Information from the Deep Mantle. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 563-570	2.2	3
40	Petrology and Geochemistry of the Dangqiong Ophiolite, Western Yarlung-Zangbo Suture Zone, Tibet, China. *Acta Geologica Sinica*, **2019**, 93, 344-361	0.7	3
39	Radiolarian Biochronology, Detrital Zircon Geochronological and Geochemical Constraints on Provenance and Depositional Environment of Cherts in the Southern Belt of the Western Yarlung Zangbo Suture Zone, Tibet. *Journal of Geology*, **2020**, 128, 535-562	2	3
38	The Garnet Exsolution Texture and Petrological Investigations on a Typical Pelitic Granulite from Eastern Himalaya Syntaxis. *Acta Geologica Sinica*, **2016**, 90, 250-251	0.7	3

37	Multi-stage Process of the Bulqiza Chromitites, Eastern Ophiolitic Belt, Albania. *Acta Geologica Sinica*, **2016**, 90, 245-245	0.7	3
36	Tectonic discrimination of chromian spinels, olivines and pyroxenes in the Northeastern Jiangxi Province ophiolite, South China. *Mineralogy and Petrology*, **2017**, 111, 325-336	1.6	2
35	Deep drilling in the Dabie-Sulu Ultrahigh Pressure Metamorphic Belt, China. *Eos*, **2005**, 86, 77	1.5	2
34	Diamond and Other Exotic Mineral-Bearing Ophiolites on the Globe: A Key to Understand the Discovery of New Minerals and Formation of Ophiolitic Podiform Chromitite. *Crystals*, **2021**, 11, 1362	2.3	2
33	IGCP-649 project held 2018 international workshop and field trip in Brisbane, Australia and New Caledonia. *Episodes*, **2018**, 41, 259-265	1.6	2
32	New Concepts in Ophiolites, Oceanic Lithosphere and Podiform Chromites **2021**, 968-993		2
31	Mineralogical and isotopic peculiarities of high-Cr chromitites: Implications for a mantle convection genesis of the Bulqiza ophiolite. *Lithos*, **2021**, 398-399, 106305	2.9	2
30	Peridotites and Chromitites from the Dingqing Ophiolite in the Eastern Segment of Bangong□Nujiang Suture Zone, Tibet: Occurrence Characteristics and Classifications. *Acta Geologica Sinica*, **2020**, 94, 23-25	0.7	1
29	Tectonic Evolution of Neotethys Ocean: Evidence of Ophiolites and Ocean Plate Stratigraphy from the Northern and Southern belts in the Western Yarlung Zangbo Suture Zone, Tibet. *Acta Geologica Sinica*, **2020**, 94, 30-30	0.7	1
28	Geochronology and Geochemistry of Gabbros from Moa-Baracoa Ophiolitic Massif, Eastern Cuba: Implication for Early Cretaceous SSZ Magmatism. *Acta Geologica Sinica*, **2020**, 94, 47-48	0.7	1
27	Diamond in Oceanic Peridotites and Chromitites: Evidence for Deep Recycled Mantle in the Global Ophiolite Record. *Acta Geologica Sinica*, **2019**, 93, 168-170	0.7	1
26	Preface: Introduction of IGCP 649 Project□Diamonds and Recycled Mantle. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 429-430	2.2	1
25	The mineral chemistry of pyroxenite xenoliths in the volcanic rocks of Hoh Xil and their significance. *Science in China Series D: Earth Sciences*, **2001**, 44, 128-138		1
24	Petromagnetic Characteristics of Serpentinization and Magnetite Formation at the Zedang Ophiolite in Southern Tibet. *Journal of Geophysical Research: Solid Earth*, **2020**, 125, e2020JB019696	3.6	1
23	Fingerprints of the Kerguelen Mantle Plume in Southern Tibet: Evidence from Early Cretaceous Magmatism in the Tethyan Himalaya. *Journal of Geology*,000-000	2	1
22	Mineralogy and Geochemistry of the High-Cr Podiform Chromitite from the Cuobuzha Ophiolite, Yarlung Zangbo Suture Zone, Western Tibet, China: Implication for its Origin. *Acta Geologica Sinica*, **2020**, 94, 75-89	0.7	1
21	Early Devonian ultrapotassic magmatism in the North China Craton: geochemical and isotopic evidence for subcontinental lithospheric mantle metasomatism by subducted sediment-derived fluids. *Geological Magazine*, **2021**, 158, 158-174	2	1
20	A New Window into the Deep Mantle. *Journal of Geography (Chigaku Zasshi)*, **2012**, 121, 161-167	0.5	0

19	Origin of the Diamonds within Chromitite from the Mirdita Ophiolite (Albania) and its Geological Significance. *Acta Geologica Sinica*, **2020**, 94, 64-65	0.7	0
18	Genesis and high-pressure evolution of the K□ceÞ ophiolite (SW Turkey): Mineralogical and geochemical characteristics of podiform chromitites. *Ore Geology Reviews*, **2022**, 145, 104912	3.2	0
17	IGCP-649 Project Diamonds and Recycled Mantle□*Acta Geologica Sinica*, **2019**, 93, 163-164	0.7	
16	Fingerprints of the Kerguelen Mantle Plume in Southern Tibet: Evidence from Early Cretaceous Magmatism in the Tethyan Himalaya. *Acta Geologica Sinica*, **2020**, 94, 29-29	0.7	
15	The Characteristics and Significance of Peng Co Peridotites in the Middle Segment of Bangong Co-Nujiang Suture in Tibet. *Acta Geologica Sinica*, **2020**, 94, 37-38	0.7	
14	Five Years of IGCP 649 Project-Diamonds and Recycled Mantle. *Acta Geologica Sinica*, **2020**, 94, 1-3	0.7	
13	Geochemistry and Geochronology of OIB-type Early Jurassic Magmatism in the Zhangguangcai Range, NE China, as a Result of Continental Back-arc Extension. *Acta Geologica Sinica*, **2020**, 94, 13-13	0.7	
12	The Boninite-like Dolerites in the Xigaze Ophiolites, Tibet: Similar to the MORB-like Dolerites. *Acta Geologica Sinica*, **2020**, 94, 73-75	0.7	
11	Tectonic Evolution of the Dongbo Ophiolite in Western Yarlung Zangbo Suture Zone, Xizang(Tibet). *Acta Geologica Sinica*, **2016**, 90, 221-221	0.7	
10	Geological Occurrence of Diamond-bearing Ophiolites. *Acta Geologica Sinica*, **2016**, 90, 246-246	0.7	
9	He Grenville Orogenesis Recorded by Monazite from the Paragneiss of North Qaidam UHP Metamorphic Belt, Western China. *Acta Geologica Sinica*, **2016**, 90, 224-226	0.7	
8	Discovery of a CaIrO3-type Al2O3 phase that implies crust-mantle recycling in ophiolite-hosted corundum from the Luobusa ophiolite, Tibet. *Acta Geologica Sinica*, **2019**, 93, 166-166	0.7	
7	Compositional Variation and Mineral Chemistry of the Jinshajiang and Lancangjiang Serpentinites, Yunnan Province, SW China. *Acta Geologica Sinica*, **2014**, 88, 1705-1728	0.7	
6	Microdiamonds in Alkalic Dolerites from the North China Craton: FTIR and C Isotopic Characteristics. *Crystals*, **2021**, 11, 1325	2.3	
5	Early Devonian Ultrapotassic Magmatism in the North China Craton: Geochemical and Isotopic Evidence for Subcontinental Lithospheric Mantle Metasomatism by Subducted Sediment□Derived Fluid. *Acta Geologica Sinica*, **2020**, 94, 43-43	0.7	
4	Geological Evidence does not Support a Shallow Origin for Diamonds in Ophiolite. *Acta Geologica Sinica*, **2020**, 94, 70-72	0.7	
3	A trip through Oceanic Lithosphere: 2019 international workshop and field trip of IGCP 649 in Muscat, Oman. *Episodes*, **2021**, 44, 189-197	1.6	
2	The Characteristics of Yongzhu□uomang Lake Ophiolitic Melange in Bangong-Nujiang Suture, Xizang(Tibet), China. *Acta Geologica Sinica*, **2016**, 90, 209-209	0.7	

1 Morphology and FTIR Characteristics of the Alluvial Diamond from the Yangtze Craton, China. *Crystals*, **2022**, 12, 539 2.3