Jingsui Yang

List of Publications by Year
in descending order

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110 papers	2,639 citations	201674 27 h-index	214800 47 g-index
157 all docs	157 docs citations	157 times ranked	1463 citing authors

#	Article	IF	Citations
1	Morphology and FTIR Characteristics of the Alluvial Diamond from the Yangtze Craton, China. Crystals, 2022, 12, 539.	2.2	1
2	Genesis and high-pressure evolution of the KÃ¶yceÄŸiz ophiolite (SW Turkey): Mineralogical and geochemical characteristics of podiform chromitites. Ore Geology Reviews, 2022, 145, 104912.	2.7	6
3	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.	1.5	17
4	New Concepts in Ophiolites, Oceanic Lithosphere and Podiform Chromites. , 2021, , 968-993.		3
5	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.	1.5	3
6	Peridotites, chromitites and diamonds in ophiolites. Nature Reviews Earth & Environment, 2021, 2, 198-212.	29.7	40
7	Fingerprints of the Kerguelen Mantle Plume in Southern Tibet: Evidence from Early Cretaceous Magmatism in the Tethyan Himalaya. Journal of Geology, 2021, 129, 207-231.	1.4	3
8	A trip through Oceanic Lithosphere: 2019 international workshop and field trip of IGCP 649 in Muscat, Oman. Episodes, 2021, 44, 189-197.	1.2	1
9	Mineralogical and isotopic peculiarities of high-Cr chromitites: Implications for a mantle convection genesis of the Bulqiza ophiolite. Lithos, 2021, 398-399, 106305.	1.4	6
10	Microdiamonds in Alkalic Dolerites from the North China Craton: FTIR and C Isotopic Characteristics. Crystals, 2021, 11, 1325.	2.2	1
11	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.	2.2	3
12	Opxâ€“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.	2.1	13
13	Mineralogy and Geochemistry of the Highâ€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.	1.4	3
14	Comment on â€œComparison of enigmatic diamonds from the tolbachik arc volcano (Kamchatka) and Tibetan ophiolites: Assessing the role of contamination by synthetic materialsâ€•by. Gondwana Research, 2020, 79, 301-303.	6.0	12
15	Origin of the Diamonds within Chromitite from the Mirdita Ophiolite (Albania) and its Geological Significance. Acta Geologica Sinica, 2020, 94, 64-65.	1.4	2
16	Early Devonian Ultrapotassic Magmatism in the North China Craton: Geochemical and Isotopic Evidence for Subcontinental Lithospheric Mantle Metasomatism by Subducted Sedimentâ€“Derived Fluid. Acta Geologica Sinica, 2020, 94, 43-43.	1.4	0
17	Geological Evidence does not Support a Shallow Origin for Diamonds in Ophiolite. Acta Geologica Sinica, 2020, 94, 70-72.	1.4	0
18	Petromagnetic Characteristics of Serpentinization and Magnetite Formation at the Zedang Ophiolite in Southern Tibet. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019696.	3.4	2

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19	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.	1.4	0
20	Peridotites and Chromitites from the Dingqing Ophiolite in the Eastern Segment of Bangongâ€“Nujiang Suture Zone, Tibet: Occurrence Characteristics and Classifications. Acta Geologica Sinica, 2020, 94, 23-25.	1.4	1
21	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.	1.4	1
22	The Characteristics and Significance of Peng Co Peridotites in the Middle Segment of Bangong Coâ€Nujiang Suture in Tibet. Acta Geologica Sinica, 2020, 94, 37-38.	1.4	0
23	Geochronology and Geochemistry of Gabbros from Moaâ€Baracoa Ophiolitic Massif, Eastern Cuba: Implication for Early Cretaceous SSZ Magmatism. Acta Geologica Sinica, 2020, 94, 47-48.	1.4	1
24	Five Years of IGCP 649 Projectâ€Diamonds and Recycled Mantle. Acta Geologica Sinica, 2020, 94, 1-3.	1.4	0
25	Geochemistry and Geochronology of OIBâ€type Early Jurassic Magmatism in the Zhangguangcai Range, NE China, as a Result of Continental Backâ€arc Extension. Acta Geologica Sinica, 2020, 94, 13-13.	1.4	0
26	The Boniniteâ€like Dolerites in the Xigaze Ophiolites, Tibet: Similar to the MORBâ€like Dolerites. Acta Geologica Sinica, 2020, 94, 73-75.	1.4	0
27	Precambrian zircons in chromitites of the Cretaceous Aladag ophiolite (Turkey) indicate deep crustal recycling in oceanic mantle. Precambrian Research, 2020, 350, 105838.	2.7	11
28	Changes in the cell parameters of antigorite close to its dehydration reaction at subduction zone conditions. American Mineralogist, 2020, 105, 569-582.	1.9	12
29	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.	1.4	4
30	Mineralogy and geochemistry of peridotites and chromitites in the Aladag Ophiolite (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 176, 958-974.	2.1	26
31	Discovery of a CaIrO₃â€type Al₂O₃ phase that implies crustâ€mantle recycling in ophioliteâ€hosted corundum from the Luobusa ophiolite, Tibet. Acta Geologica Sinica, 2019, 93, 166-166.	1.4	0
32	Diamond in Oceanic Peridotites and Chromitites: Evidence for Deep Recycled Mantle in the Global Ophiolite Record. Acta Geologica Sinica, 2019, 93, 168-170.	1.4	1
33	Preface: Introduction of IGCP 649 Projectâ€”Diamonds and Recycled Mantle. Journal of Earth Science (Wuhan, China), 2019, 30, 429-430.	3.2	1
34	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.	3.2	7
35	Metamorphism and Oceanic Crust Exhumationâ€”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.	3.2	7
36	Ophiolite-Hosted Diamond: A New Window for Probing Carbon Cycling in the Deep Mantle. Engineering, 2019, 5, 406-420.	6.7	19

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37	IGCPâ€649 Project â€œDiamonds and Recycled Mantleâ€• Acta Geologica Sinica, 2019, 93, 163-164.	1.4	0
38	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.	3.2	10
39	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.	3.2	7
40	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.	3.2	4
41	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.	1.9	28
42	Petrogenesis of lherzolites from the Purang ophiolite, Yarlung-Zangbo suture zone, Tibet: origin and significance of ultra-high pressure and other â€˜unusualâ€™ minerals in the Neo-Tethyan lithospheric mantle. International Geology Review, 2019, 61, 2184-2210.	2.1	17
43	Petrology and Geochemistry of the Dangqiong Ophiolite, Western Yarlungâ€Zangbo Suture Zone, Tibet, China. Acta Geologica Sinica, 2019, 93, 344-361.	1.4	5
44	The metamorphic evolution and tectonic significance of the Sumdo HPâ€“UHP metamorphic terrane, central-south Lhasa Block, Tibet. Geological Society Special Publication, 2019, 474, 209-229.	1.3	13
45	Petrological and Os Isotopic Characteristics of Zedong Peridotites in the Eastern Yarlungâ€“Zangbo Suture in Tibet. Acta Geologica Sinica, 2018, 92, 442-461.	1.4	6
46	Petrology and geochemistry of the high-Cr podiform chromitites of the KÃ¶ycegiz ophiolite, southwest Turkey: implications for the multi-stage evolution of the oceanic upper mantle. Mineralogy and Petrology, 2018, 112, 685-704.	1.1	15
47	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.	1.4	27
48	Petrology and PGE Abundances of Highâ€Cr and Highâ€Al Podiform Chromitites and Peridotites from the Bulqiza Ultramafic Massif, Eastern Mirdita Ophiolite, Albania. Acta Geologica Sinica, 2018, 92, 1063-1081.	1.4	11
49	Ophiolites, diamonds, and ultrahigh-pressure minerals: New discoveries and concepts on upper mantle petrogenesis. Lithosphere, 2018, 10, 3-13.	1.4	38
50	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.	1.4	28
51	Carbon and nitrogen isotope, and mineral inclusion studies on the diamonds from the Pozantiâ€“Karsanti chromitite, Turkey. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	23
52	Diamonds and other unusual minerals from peridotites of the Myitkyina ophiolite, Myanmar. Journal of Asian Earth Sciences, 2018, 164, 179-193.	2.3	20
53	IGCP-649 project held 2018 international workshop and field trip in Brisbane, Australia and New Caledonia. Episodes, 2018, 41, 259-265.	1.2	2
54	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.	1.1	15

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55	Diamonds Discovered from Highâ€“Cr Podiform Chromitites of Bulqiza, Eastern Mirdita Ophiolite, Albania. Acta Geologica Sinica, 2017, 91, 455-468.	1.4	32
56	Magnetic properties of serpentinized peridotites from the Dongbo ophiolite, SW Tibet: Implications for sutureâ€zone magnetic anomalies. Journal of Geophysical Research: Solid Earth, 2017, 122, 4814-4830.	3.4	8
57	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.	1.4	18
58	Tectonic discrimination of chromian spinels, olivines and pyroxenes in the Northeastern Jiangxi Province ophiolite, South China. Mineralogy and Petrology, 2017, 111, 325-336.	1.1	3
59	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.	2.7	41
60	Report on the Third IGCPâ€649 International Workshop on the MayarÃâ€Baracoa Ophiolites and Chromitites, Cuba. Acta Geologica Sinica, 2017, 91, 2305-2309.	1.4	3
61	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.	0.9	7
62	The Characteristics of Yongzhu-Guomang Lake Ophiolitic Melange in Bangong-Nujiang Suture, Xizang(Tibet), China. Acta Geologica Sinica, 2016, 90, 209-209.	1.4	0
63	The Garnet Exsolution Texture and Petrological Investigations on a Typical Pelitic Granulite from Eastern Himalaya Syntaxis. Acta Geologica Sinica, 2016, 90, 250-251.	1.4	3
64	Multi-stage Process of the Bulqiza Chromitites, Eastern Ophiolitic Belt, Albania. Acta Geologica Sinica, 2016, 90, 245-245.	1.4	3
65	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.	1.4	43
66	Tectonic Evolution of the Dongbo Ophiolite in Western Yarlung Zangbo Suture Zone, Xizang(Tibet). Acta Geologica Sinica, 2016, 90, 221-221.	1.4	0
67	Geological Occurrence of Diamond-bearing Ophiolites. Acta Geologica Sinica, 2016, 90, 246-246.	1.4	0
68	He Grenville Orogenesis Recorded by Monazite from the Paragneiss of North Qaidam UHP Metamorphic Belt, Western China. Acta Geologica Sinica, 2016, 90, 224-226.	1.4	0
69	Origin of Baotoudong syenites in North China Craton: Petrological, mineralogical and geochemical evidence. Science China Earth Sciences, 2016, 59, 95-110.	5.2	20
70	Chromium isotope signature during continental crust subduction recorded in metamorphic rocks. Geochemistry, Geophysics, Geosystems, 2015, 16, 3840-3854.	2.5	36
71	Petrology and geochemistry of high Cr# podiform chromitites of Bulqiza, Eastern Mirdita Ophiolite (EMO), Albania. Ore Geology Reviews, 2015, 70, 188-207.	2.7	24
72	Origin of podiform chromitite, a new model based on the Luobusa ophiolite, Tibet. Gondwana Research, 2015, 27, 525-542.	6.0	117

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73	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.	2.3	29
74	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.	6.0	82
75	Diamonds, native elements and metal alloys from chromitites of the Ray-Iz ophiolite of the Polar Urals. Gondwana Research, 2015, 27, 459-485.	6.0	151
76	Diamond-bearing ophiolites and their geological occurrence. Episodes, 2015, 38, 344-364.	1.2	40
77	Compositional Variation and Mineral Chemistry of the Jinshajiang and Lancangjiang Serpentinites, Yunnan Province, SW China. Acta Geologica Sinica, 2014, 88, 1705-1728.	1.4	0
78	Qingsongite, natural cubic boron nitride: The first boron mineral from the Earth's mantle. American Mineralogist, 2014, 99, 764-772.	1.9	58
79	Recycled crustal zircons from podiform chromitites in the <scp>L</scp>uobusa ophiolite, southern <scp>T</scp>ibet. Island Arc, 2013, 22, 89-103.	1.1	82
80	A New Window into the Deep Mantle. Journal of Geography (Chigaku Zasshi), 2012, 121, 161-167.	0.3	1
81	Petrogenesis of the Kangjinla peridotite in the Luobusa ophiolite, Southern Tibet. Journal of Asian Earth Sciences, 2011, 42, 553-568.	2.3	45
82	Finding of high-pressure mafic granulites in the Amdo basement, central Tibet. Science Bulletin, 2010, 55, 3694-3702.	1.7	34
83	Qusongite (WC): A new mineral. American Mineralogist, 2009, 94, 387-390.	1.9	24
84	SiO2 solubility in rutile at high temperature and high pressure. Journal of Earth Science (Wuhan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.2	10
85	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.	3.2	66
86	Durâ€™ngoi 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.	3.2	80
87	Ultramafic blocks in Sumdo region, Lhasa block, Eastern Tibet plateau: An ophiolite unit. Journal of Earth Science (Wuhan, China), 2009, 20, 332-347.	3.2	44
88	Records of Indosinian orogenesis in Lhasa terrane, Tibet. Journal of Earth Science (Wuhan, China), 2009, 20, 348-363.	3.2	30
89	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, 19233-19238.	7.1	134
90	Yarlongite: A New Metallic Carbide Mineral. Acta Geologica Sinica, 2009, 83, 52-56.	1.4	25

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91	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.	1.9	33
92	Initial movement of the Karakorum Fault in western Tibet: constraints from SHRIMP U-Pb dating of zircons. Science Bulletin, 2007, 52, 1089-1100.	1.7	14
93	Bashikaogong-Shimierbulake granitic complex, north Altun, NW China: Geochemistry and zircon SHRIMP ages. Science in China Series D: Earth Sciences, 2006, 49, 1233-1251.	0.9	22
94	The crystal structure of (Fe4Cr4Ni)9C4. Science in China Series D: Earth Sciences, 2005, 48, 338.	0.9	7
95	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.	0.9	5
96	SHRIMP U-Pb zircon dating for Qiashikansayi granodiorite, the northern Altyn Tagh mountains and its geological implications. Science Bulletin, 2005, 50, 440-445.	1.7	24
97	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.	2.1	139
98	A New HP/LT Metamorphic Terrane in the Northern Altyn Tagh, Western China. International Geology Review, 2005, 47, 371-386.	2.1	56
99	A New Caledonian Khondalite Series in West Kunlun, China: Age Constraints and Tectonic Significance. International Geology Review, 2005, 47, 986-998.	2.1	12
100	Deep drilling in the Dabie-Sulu Ultrahigh Pressure Metamorphic Belt, China. Eos, 2005, 86, 77.	0.1	4
101	Zircon U-Pb SHRIMP dating of the Yematan batholith in Dulan, North Qaidam, NW China. Science Bulletin, 2004, 49, 1736-1740.	1.7	55
102	Eclogitic metapelites in the western segment of the north Qaidam Mountains: Evidence on â€œin situâ€• relationship between eclogite and its country rock. Science in China Series D: Earth Sciences, 2004, 47, 1102-1112.	0.9	34
103	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.	2.1	179
104	Silicon-rutile â€” An ultra-high pressure (UHP) mineral from an ophiolite *. Progress in Natural Science: Materials International, 2003, 13, 528-531.	4.4	14
105	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.	0.9	36
106	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.	0.9	17
107	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.	0.9	2
108	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.	0.9	20

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109	Discovery of eclogite at northern margin of Qaidam Basin, NW China. Science Bulletin, 1998, 43, 1755-1760.	1.7	89
110	Accretion Processes of Oceanic Crust in Clowâ€spreading Ridges: Plagiogranite Perspective of the Xigaze Ophiolite, South Tibet. Acta Geologica Sinica, 0, , .	1.4	0