

Jingsui Yang

List of Publications by Year in descending order

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110
papers

2,639
citations

201385

27
h-index

214527

47
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157
all docs

157
docs citations

157
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of metamorphic diamonds in central China: an indication of a > 4000-km-long zone of deep subduction resulting from multiple continental collisions. <i>Terra Nova</i> , 2003, 15, 370-379.	0.9	179
2	Diamonds, native elements and metal alloys from chromitites of the Ray-Iz ophiolite of the Polar Urals. <i>Gondwana Research</i> , 2015, 27, 459-485.	3.0	151
3	Two Ultrahigh-Pressure Metamorphic Events Recognized in the Central Orogenic Belt of China: Evidence from the U-Pb Dating of Coesite-Bearing Zircons. <i>International Geology Review</i> , 2005, 47, 327-343.	1.1	139
4	High-pressure highly reduced nitrides and oxides from chromitite of a Tibetan ophiolite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19233-19238.	3.3	134
5	Origin of podiform chromitite, a new model based on the Luobusa ophiolite, Tibet. <i>Gondwana Research</i> , 2015, 27, 525-542.	3.0	117
6	Discovery of eclogite at northern margin of Qaidam Basin, NW China. <i>Science Bulletin</i> , 1998, 43, 1755-1760.	1.7	89
7	Recycled crustal zircons from podiform chromitites in the Luobusa ophiolite, southern Tibet. <i>Island Arc</i> , 2013, 22, 89-103.	0.5	82
8	Origin of ultrahigh pressure and highly reduced minerals in podiform chromitites and associated mantle peridotites of the Luobusa ophiolite, Tibet. <i>Gondwana Research</i> , 2015, 27, 686-700.	3.0	82
9	Durango ophiolite in East Kunlun, Northeast Tibetan plateau: Evidence for paleo-Tethyan suture in Northwest China. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 303-331.	1.1	80
10	Unusual mantle mineral group from chromitite orebody Cr-11 in Luobusa ophiolite of Yarlung-Zangbo suture zone, Tibet. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 284-302.	1.1	66
11	Qingsongite, natural cubic boron nitride: The first boron mineral from the Earth's mantle. <i>American Mineralogist</i> , 2014, 99, 764-772.	0.9	58
12	A New HP/LT Metamorphic Terrane in the Northern Altyn Tagh, Western China. <i>International Geology Review</i> , 2005, 47, 371-386.	1.1	56
13	Zircon U-Pb SHRIMP dating of the Yematan batholith in Dulan, North Qaidam, NW China. <i>Science Bulletin</i> , 2004, 49, 1736-1740.	1.7	55
14	Petrogenesis of the Kangjinla peridotite in the Luobusa ophiolite, Southern Tibet. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 553-568.	1.0	45
15	Ultramafic blocks in Sumdo region, Lhasa block, Eastern Tibet plateau: An ophiolite unit. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 332-347.	1.1	44
16	Tectonic Evolution of the Western Yarlung Zangbo Ophiolitic Belt, Tibet: Implications from the Petrology, Mineralogy, and Geochemistry of the Peridotites. <i>Journal of Geology</i> , 2016, 124, 353-376.	0.7	43
17	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. <i>Ore Geology Reviews</i> , 2017, 80, 1020-1041.	1.1	41
18	Peridotites, chromitites and diamonds in ophiolites. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 198-212.	12.2	40

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19	Diamond-bearing ophiolites and their geological occurrence. <i>Episodes</i> , 2015, 38, 344-364.	0.8	40
20	Ophiolites, diamonds, and ultrahigh-pressure minerals: New discoveries and concepts on upper mantle petrogenesis. <i>Lithosphere</i> , 2018, 10, 3-13.	0.6	38
21	Deep structure and lithospheric shear faults in the East Kunlun-Qiangtang region, northern Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 1-9.	0.9	36
22	Chromium isotope signature during continental crust subduction recorded in metamorphic rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3840-3854.	1.0	36
23	Eclogitic metapelites in the western segment of the north Qaidam Mountains: Evidence on the relationship between eclogite and its country rock. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 1102-1112.	0.9	34
24	Finding of high-pressure mafic granulites in the Amdo basement, central Tibet. <i>Science Bulletin</i> , 2010, 55, 3694-3702.	1.7	34
25	Hematite and magnetite precipitates in olivine from the Sulu peridotite: A result of dehydrogenation-oxidation reaction of mantle olivine?. <i>American Mineralogist</i> , 2008, 93, 1051-1060.	0.9	33
26	Diamonds Discovered from High-Cr Podiform Chromitites of Bulqiza, Eastern Mirdita Ophiolite, Albania. <i>Acta Geologica Sinica</i> , 2017, 91, 455-468.	0.8	32
27	Records of Indosinian orogenesis in Lhasa terrane, Tibet. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 348-363.	1.1	30
28	Petrological and Os isotopic constraints on the origin of the Dongbo peridotite massif, Yarlung Zangbo Suture Zone, Western Tibet. <i>Journal of Asian Earth Sciences</i> , 2015, 110, 72-84.	1.0	29
29	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. <i>Lithosphere</i> , 2018, 10, 54-78.	0.6	28
30	Carbon and nitrogen isotopes and mineral inclusions in diamonds from chromitites of the Mirdita ophiolite (Albania) demonstrate recycling of oceanic crust into the mantle. <i>American Mineralogist</i> , 2019, 104, 485-500.	0.9	28
31	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. <i>Lithosphere</i> , 2018, 10, 156-169.	0.6	27
32	Mineralogy and geochemistry of peridotites and chromitites in the Aladag Ophiolite (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 176, 958-974.	0.9	26
33	Yarlongite: A New Metallic Carbide Mineral. <i>Acta Geologica Sinica</i> , 2009, 83, 52-56.	0.8	25
34	SHRIMP U-Pb zircon dating for Qiashikansayi granodiorite, the northern Altyn Tagh mountains and its geological implications. <i>Science Bulletin</i> , 2005, 50, 440-445.	1.7	24
35	Qusongite (WC): A new mineral. <i>American Mineralogist</i> , 2009, 94, 387-390.	0.9	24
36	Petrology and geochemistry of high Cr# podiform chromitites of Bulqiza, Eastern Mirdita Ophiolite (EMO), Albania. <i>Ore Geology Reviews</i> , 2015, 70, 188-207.	1.1	24

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37	Carbon and nitrogen isotope, and mineral inclusion studies on the diamonds from the Pozantiâ€“Karsanti chromitite, Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	23
38	Bashikaogong-Shimierbulake granitic complex, north Altun, NW China: Geochemistry and zircon SHRIMP ages. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 1233-1251.	0.9	22
39	Discovery of khondalite series from the western segment of Altyn Tagh and their petrological and geochronological studies. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 308-316.	0.9	20
40	Origin of Baotoudong syenites in North China Craton: Petrological, mineralogical and geochemical evidence. <i>Science China Earth Sciences</i> , 2016, 59, 95-110.	2.3	20
41	Diamonds and other unusual minerals from peridotites of the Myitkyina ophiolite, Myanmar. <i>Journal of Asian Earth Sciences</i> , 2018, 164, 179-193.	1.0	20
42	Ophiolite-Hosted Diamond: A New Window for Probing Carbon Cycling in the Deep Mantle. <i>Engineering</i> , 2019, 5, 406-420.	3.2	19
43	Discovery and Significance of Diamonds and Moissanites in Chromitite within the Skenderbeu Massif of the Mirdita Zone Ophiolite, West Albania. <i>Acta Geologica Sinica</i> , 2017, 91, 882-897.	0.8	18
44	The shoshonitic volcanic rocks at Hongliuxia: Pulses of the Altyn Tagh fault in Cretaceous?. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 94-102.	0.9	17
45	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. <i>International Geology Review</i> , 2019, 61, 2184-2210.	1.1	17
46	Geochemistry and geochronology of OIB-type, Early Jurassic magmatism in the Zhangguangcai range, NE China, as a result of continental back-arc extension. <i>Geological Magazine</i> , 2021, 158, 143-157.	0.9	17
47	Geochemistry and tectonic significance of the Gongzhu peridotites in the northern branch of the western Yarlung Zangbo ophiolitic belt, western Tibet. <i>Mineralogy and Petrology</i> , 2017, 111, 729-746.	0.4	15
48	Petrology and geochemistry of the high-Cr podiform chromitites of the KÄ“rycegiz ophiolite, southwest Turkey: implications for the multi-stage evolution of the oceanic upper mantle. <i>Mineralogy and Petrology</i> , 2018, 112, 685-704.	0.4	15
49	Silicon-rutile â€“ An ultra-high pressure (UHP) mineral from an ophiolite *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 528-531.	1.8	14
50	Initial movement of the Karakorum Fault in western Tibet: constraints from SHRIMP U-Pb dating of zircons. <i>Science Bulletin</i> , 2007, 52, 1089-1100.	1.7	14
51	The metamorphic evolution and tectonic significance of the Sumdo HPâ€“UHP metamorphic terrane, central-south Lhasa Block, Tibet. <i>Geological Society Special Publication</i> , 2019, 474, 209-229.	0.8	13
52	Opxâ€“Cpx exsolution textures in lherzolites of the Cretaceous Purang Ophiolite (S. Tibet, China), and the deep mantle origin of Neotethyan abyssal peridotites. <i>International Geology Review</i> , 2020, 62, 665-682.	1.1	13
53	A New Caledonian Khondalite Series in West Kunlun, China: Age Constraints and Tectonic Significance. <i>International Geology Review</i> , 2005, 47, 986-998.	1.1	12
54	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. <i>Gondwana Research</i> , 2020, 79, 301-303.	3.0	12

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55	Changes in the cell parameters of antigorite close to its dehydration reaction at subduction zone conditions. <i>American Mineralogist</i> , 2020, 105, 569-582.	0.9	12
56	Petrology and PGE Abundances of High-Cr and High-Al Podiform Chromitites and Peridotites from the Bulqiza Ultramafic Massif, Eastern Mirdita Ophiolite, Albania. <i>Acta Geologica Sinica</i> , 2018, 92, 1063-1081.	0.8	11
57	Precambrian zircons in chromitites of the Cretaceous Aladag ophiolite (Turkey) indicate deep crustal recycling in oceanic mantle. <i>Precambrian Research</i> , 2020, 350, 105838.	1.2	11
58	SiO ₂ solubility in rutile at high temperature and high pressure. <i>Journal of Earth Science (Wuhan)</i> , 2019, 30, 476-493.	1.1	10
59	Origin of Chromitites in the Songshugou Peridotite Massif, Qinling Orogen (Central China): Mineralogical and Geochemical Evidence. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 476-493.	1.1	10
60	Magnetic properties of serpentinized peridotites from the Dongbo ophiolite, SW Tibet: Implications for suture-zone magnetic anomalies. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 4814-4830.	1.4	8
61	The crystal structure of (Fe ₄ Cr ₄ Ni) ₉ C ₄ . <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 338.	0.9	7
62	Nanoscale Diopside and Spinel Exsolution in Olivine from Dunite of the Tethyan Ophiolites, Southwestern Turkey: Implications for the Multi-Stage Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 6587-6596.	0.9	7
63	Tectonic Implications and Petrogenesis of the Various Types of Magmatic Rocks from the Zedang Area in Southern Tibet. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 1125-1143.	1.1	7
64	Metamorphism and Oceanic Crust Exhumation Constrained by the Jilang Eclogite and Meta-Quartzite from the Sumdo (U)HP Metamorphic Belt. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 510-524.	1.1	7
65	Post-Collisional, Potassic Volcanism in the Saga Area, Western Tibet: Implications for the Nature of the Mantle Source and Geodynamic Setting. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 571-584.	1.1	7
66	Petrological and Os Isotopic Characteristics of Zedong Peridotites in the Eastern Yarlung Zangbo Suture in Tibet. <i>Acta Geologica Sinica</i> , 2018, 92, 442-461.	0.8	6
67	Mineralogical and isotopic peculiarities of high-Cr chromitites: Implications for a mantle convection genesis of the Bulqiza ophiolite. <i>Lithos</i> , 2021, 398-399, 106305.	0.6	6
68	Genesis and high-pressure evolution of the K�yce�iz ophiolite (SW Turkey): Mineralogical and geochemical characteristics of podiform chromitites. <i>Ore Geology Reviews</i> , 2022, 145, 104912.	1.1	6
69	Mineral inclusions in zircon domains and geological significance of SHRIMP U-Pb dating for coesite-bearing zircons of paragneiss in Sulu terrane, eastern China. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 175.	0.9	5
70	Petrology and Geochemistry of the Dangqiong Ophiolite, Western Yarlung Zangbo Suture Zone, Tibet, China. <i>Acta Geologica Sinica</i> , 2019, 93, 344-361.	0.8	5
71	Deep drilling in the Dabie-Sulu Ultrahigh Pressure Metamorphic Belt, China. <i>Eos</i> , 2005, 86, 77.	0.1	4
72	Helium Isotopic Composition of the Songduo Eclogites in the Lhasa Terrane, Tibet: Information from the Deep Mantle. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 563-570.	1.1	4

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73	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. <i>Journal of Geology</i> , 2020, 128, 535-562.	0.7	4
74	The Garnet Exsolution Texture and Petrological Investigations on a Typical Pelitic Granulite from Eastern Himalaya Syntaxis. <i>Acta Geologica Sinica</i> , 2016, 90, 250-251.	0.8	3
75	Multi-stage Process of the Bulqiza Chromitites, Eastern Ophiolitic Belt, Albania. <i>Acta Geologica Sinica</i> , 2016, 90, 245-245.	0.8	3
76	Tectonic discrimination of chromian spinels, olivines and pyroxenes in the Northeastern Jiangxi Province ophiolite, South China. <i>Mineralogy and Petrology</i> , 2017, 111, 325-336.	0.4	3
77	Report on the Third IGCP-649 International Workshop on the Mayar-Baracoa Ophiolites and Chromitites, Cuba. <i>Acta Geologica Sinica</i> , 2017, 91, 2305-2309.	0.8	3
78	Mineralogy and Geochemistry of the High-Cr Podiform Chromitite from the Cuobuzha Ophiolite, Yarlung Zangbo Suture Zone, Western Tibet, China: Implication for its Origin. <i>Acta Geologica Sinica</i> , 2020, 94, 75-89.	0.8	3
79	New Concepts in Ophiolites, Oceanic Lithosphere and Podiform Chromites. , 2021, , 968-993.		3
80	Early Devonian ultrapotassic magmatism in the North China Craton: geochemical and isotopic evidence for subcontinental lithospheric mantle metasomatism by subducted sediment-derived fluids. <i>Geological Magazine</i> , 2021, 158, 158-174.	0.9	3
81	Fingerprints of the Kerguelen Mantle Plume in Southern Tibet: Evidence from Early Cretaceous Magmatism in the Tethyan Himalaya. <i>Journal of Geology</i> , 2021, 129, 207-231.	0.7	3
82	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. <i>Crystals</i> , 2021, 11, 1362.	1.0	3
83	The mineral chemistry of pyroxenite xenoliths in the volcanic rocks of Hoh Xil and their significance. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 128-138.	0.9	2
84	Origin of the Diamonds within Chromitite from the Mirdita Ophiolite (Albania) and its Geological Significance. <i>Acta Geologica Sinica</i> , 2020, 94, 64-65.	0.8	2
85	Petromagnetic Characteristics of Serpentinization and Magnetite Formation at the Zedang Ophiolite in Southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019696.	1.4	2
86	IGCP-649 project held 2018 international workshop and field trip in Brisbane, Australia and New Caledonia. <i>Episodes</i> , 2018, 41, 259-265.	0.8	2
87	A New Window into the Deep Mantle. <i>Journal of Geography (Chigaku Zasshi)</i> , 2012, 121, 161-167.	0.1	1
88	Diamond in Oceanic Peridotites and Chromitites: Evidence for Deep Recycled Mantle in the Global Ophiolite Record. <i>Acta Geologica Sinica</i> , 2019, 93, 168-170.	0.8	1
89	Preface: Introduction of IGCP 649 Project-“Diamonds and Recycled Mantle. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 429-430.	1.1	1
90	Peridotites and Chromitites from the Dingqing Ophiolite in the Eastern Segment of Bangong-Nujiang Suture Zone, Tibet: Occurrence Characteristics and Classifications. <i>Acta Geologica Sinica</i> , 2020, 94, 23-25.	0.8	1

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91	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. <i>Acta Geologica Sinica</i> , 2020, 94, 30-30.	0.8	1
92	Geochronology and Geochemistry of Gabbros from Moa-Baracoa Ophiolitic Massif, Eastern Cuba: Implication for Early Cretaceous SSZ Magmatism. <i>Acta Geologica Sinica</i> , 2020, 94, 47-48.	0.8	1
93	A trip through Oceanic Lithosphere: 2019 international workshop and field trip of IGCP 649 in Muscat, Oman. <i>Episodes</i> , 2021, 44, 189-197.	0.8	1
94	Microdiamonds in Alkalic Dolerites from the North China Craton: FTIR and C Isotopic Characteristics. <i>Crystals</i> , 2021, 11, 1325.	1.0	1
95	Morphology and FTIR Characteristics of the Alluvial Diamond from the Yangtze Craton, China. <i>Crystals</i> , 2022, 12, 539.	1.0	1
96	Compositional Variation and Mineral Chemistry of the Jinshajiang and Lancangjiang Serpentinities, Yunnan Province, SW China. <i>Acta Geologica Sinica</i> , 2014, 88, 1705-1728.	0.8	0
97	The Characteristics of Yongzhu-Guomang Lake Ophiolitic Melange in Bangong-Nujiang Suture, Xizang(Tibet), China. <i>Acta Geologica Sinica</i> , 2016, 90, 209-209.	0.8	0
98	Tectonic Evolution of the Dongbo Ophiolite in Western Yarlung Zangbo Suture Zone, Xizang(Tibet). <i>Acta Geologica Sinica</i> , 2016, 90, 221-221.	0.8	0
99	Geological Occurrence of Diamond-bearing Ophiolites. <i>Acta Geologica Sinica</i> , 2016, 90, 246-246.	0.8	0
100	He Grenville Orogenesis Recorded by Monazite from the Paragneiss of North Qaidam UHP Metamorphic Belt, Western China. <i>Acta Geologica Sinica</i> , 2016, 90, 224-226.	0.8	0
101	Discovery of a Ca^{2+} - Al^{3+} - O^{2-} phase that implies crust-mantle recycling in ophiolite-hosted corundum from the Luobusa ophiolite, Tibet. <i>Acta Geologica Sinica</i> , 2019, 93, 166-166.	0.8	0
102	IGCP 649 Project "Diamonds and Recycled Mantle". <i>Acta Geologica Sinica</i> , 2019, 93, 163-164.	0.8	0
103	Early Devonian Ultrapotassic Magmatism in the North China Craton: Geochemical and Isotopic Evidence for Subcontinental Lithospheric Mantle Metasomatism by Subducted Sediment-Derived Fluid. <i>Acta Geologica Sinica</i> , 2020, 94, 43-43.	0.8	0
104	Geological Evidence does not Support a Shallow Origin for Diamonds in Ophiolite. <i>Acta Geologica Sinica</i> , 2020, 94, 70-72.	0.8	0
105	Fingerprints of the Kerguelen Mantle Plume in Southern Tibet: Evidence from Early Cretaceous Magmatism in the Tethyan Himalaya. <i>Acta Geologica Sinica</i> , 2020, 94, 29-29.	0.8	0
106	The Characteristics and Significance of Peng Co Peridotites in the Middle Segment of Bangong Co-Nujiang Suture in Tibet. <i>Acta Geologica Sinica</i> , 2020, 94, 37-38.	0.8	0
107	Five Years of IGCP 649 Project "Diamonds and Recycled Mantle". <i>Acta Geologica Sinica</i> , 2020, 94, 1-3.	0.8	0
108	Geochemistry and Geochronology of OIB-type Early Jurassic Magmatism in the Zhangguangcai Range, NE China, as a Result of Continental Back-arc Extension. <i>Acta Geologica Sinica</i> , 2020, 94, 13-13.	0.8	0

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109	The Boninite-like Dolerites in the Xigaze Ophiolites, Tibet: Similar to the MORB-like Dolerites. <i>Acta Geologica Sinica</i> , 2020, 94, 73-75.	0.8	0
110	Accretion Processes of Oceanic Crust in Clow-spreading Ridges: Plagiogranite Perspective of the Xigaze Ophiolite, South Tibet. <i>Acta Geologica Sinica</i> , 0, , .	0.8	0