

# Yongjun Lu

## List of Publications by Year in descending order

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35  
papers

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citations

218677

26  
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times ranked

1429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithospheric Architecture of the Lhasa Terrane and Its Control on Ore Deposits in the Himalayan-Tibetan Orogen. <i>Economic Geology</i> , 2015, 110, 1541-1575.	3.8	374
2	A genetic linkage between subduction- and collision-related porphyry Cu deposits in continental collision zones. <i>Geology</i> , 2015, 43, 247-250.	4.4	359
3	High-Mg Diorite from Qulong in Southern Tibet: Implications for the Genesis of Adakite-like Intrusions and Associated Porphyry Cu Deposits in Collisional Orogens. <i>Journal of Petrology</i> , 2015, 56, 227-254.	2.8	193
4	Fluid flux melting generated postcollisional high Sr/Y copper ore-forming water-rich magmas in Tibet. <i>Geology</i> , 2015, 43, 583-586.	4.4	177
5	Cretaceous-Cenozoic tectonic history of the Jiaojia Fault and gold mineralization in the Jiaodong Peninsula, China: constraints from zircon U-Pb, illite K-Ar, and apatite fission track thermochronometry. <i>Mineralium Deposita</i> , 2015, 50, 987-1006.	4.1	171
6	Geochemical, Sr-Nd-Pb, and Zircon Hf-O Isotopic Compositions of Eocene-Oligocene Shoshonitic and Potassic Adakite-like Felsic Intrusions in Western Yunnan, SW China: Petrogenesis and Tectonic Implications. <i>Journal of Petrology</i> , 2013, 54, 1309-1348.	2.8	170
7	Terrane boundary and spatio-temporal distribution of ore deposits in the Sanjiang Tethyan Orogen: Insights from zircon Hf-isotopic mapping. <i>Earth-Science Reviews</i> , 2016, 156, 39-65.	9.1	145
8	Intracontinental Eocene-Oligocene Porphyry Cu Mineral Systems of Yunnan, Western Yangtze Craton, China: Compositional Characteristics, Sources, and Implications for Continental Collision Metallogeny. <i>Economic Geology</i> , 2013, 108, 1541-1576.	3.8	144
9	Two distinct origins for Archean greenstone belts. <i>Earth and Planetary Science Letters</i> , 2018, 487, 106-116.	4.4	125
10	Zircon SHRIMP U-Pb geochronology of potassic felsic intrusions in western Yunnan, SW China: Constraints on the relationship of magmatism to the Jinsha suture. <i>Gondwana Research</i> , 2012, 22, 737-747.	6.0	121
11	Paleogene post-collisional lamprophyres in western Yunnan, western Yangtze Craton: Mantle source and tectonic implications. <i>Lithos</i> , 2015, 233, 139-161.	1.4	108
12	A metasomatized lithospheric mantle control on the metallogenic signature of post-subduction magmatism. <i>Nature Communications</i> , 2019, 10, 3511.	12.8	108
13	No evidence for high-pressure melting of Earth's crust in the Archean. <i>Nature Communications</i> , 2019, 10, 5559.	12.8	97
14	Recycled volatiles determine fertility of porphyry deposits in collisional settings. <i>American Mineralogist</i> , 2021, 106, 656-661.	1.9	80
15	Miocene Ultrapotassic, High-Mg Dioritic, and Adakite-like Rocks from Zhunu in Southern Tibet: Implications for Mantle Metasomatism and Porphyry Copper Mineralization in Collisional Orogens. <i>Journal of Petrology</i> , 2018, 59, 341-386.	2.8	74
16	GIS-based 3D prospectivity mapping: A case study of Jiama copper-polymetallic deposit in Tibet, China. <i>Ore Geology Reviews</i> , 2015, 71, 611-632.	2.7	72
17	Oxygen isotopes trace the origins of Earth's earliest continental crust. <i>Nature</i> , 2021, 592, 70-75.	27.8	71
18	Processes of crust formation in the early Earth imaged through Hf isotopes from the East Pilbara Terrane. <i>Precambrian Research</i> , 2017, 297, 56-76.	2.7	67

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19	Age, nature, and origin of Ordovician Zhibenshan granite from the Baoshan terrane in the Sanjiang region and its significance for understanding Proto-Tethys evolution. <i>International Geology Review</i> , 2015, 57, 1922-1939.	2.1	61
20	Age and origin of the Bulangshan and Mengsong granitoids and their significance for post-collisional tectonics in the Changning-Menglian Paleo-Tethys Orogen. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 656-676.	2.3	61
21	The Paleoproterozoic diorite dykes in the southern margin of the North China Craton: Insight into rift-related magmatism. <i>Precambrian Research</i> , 2016, 277, 26-46.	2.7	58
22	Characterization and origin of the Taishanmiao aluminous A-type granites: implications for Early Cretaceous lithospheric thinning at the southern margin of the North China Craton. <i>International Journal of Earth Sciences</i> , 2016, 105, 1563-1589.	1.8	38
23	Redox-controlled generation of the giant porphyry Cu-Au deposit at Pulang, southwest China. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	37
24	Geochemical and isotopic constraints on the genesis of the Jueluotage native copper mineralized basalt, Eastern Tianshan, Northwest China. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 317-333.	2.3	34
25	Hydrothermal evolution and ore genesis of the Beiya giant Au polymetallic deposit, western Yunnan, China: Evidence from fluid inclusions and H <sub>2</sub> O-Sr-Pb isotopes. <i>Ore Geology Reviews</i> , 2017, 90, 847-862.	2.7	34
26	Episodic Triassic magmatism in the western South Qinling Orogen, central China, and its implications. <i>Geological Journal</i> , 2014, 49, 402-423.	1.3	33
27	A Downgoing Indian Lithosphere Control on Along-Strike Variability of Porphyry Mineralization in the Gangdese Belt of Southern Tibet. <i>Economic Geology</i> , 2021, 116, 29-46.	3.8	25
28	Zircon U-Pb dating, geochemistry and Sr-Nd-Hf-O isotopes for the Baimaxueshan granodiorites and mafic microgranular enclaves in the Sanjiang Orogen: Evidence for westward subduction of Paleo-Tethys. <i>Gondwana Research</i> , 2018, 62, 112-126.	6.0	21
29	Lower-Crustal Magmatic Hornblende in North China Craton: Insight into the Genesis of Porphyry Cu Deposits. <i>Economic Geology</i> , 2015, 110, 1879-1904.	3.8	20
30	Magmatic Water Content and Crustal Evolution Control on Porphyry Systems: Insights from the Central Asian Orogenic Belt. <i>Journal of Petrology</i> , 2021, 62, .	2.8	13
31	Sulfur isotope systematics of granitoids from the Yilgarn Craton sheds new light on the fluid reservoirs of Neoproterozoic orogenic gold deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 199-213.	3.9	11
32	Seismic evidence of two cryptic sutures in Northwestern Australia: Implications for the style of subduction during the Paleoproterozoic assembly of Columbia. <i>Earth and Planetary Science Letters</i> , 2022, 579, 117342.	4.4	10
33	Crustal structure control on porphyry copper systems in accretionary orogens: insights from Nd isotopic mapping in the Central Asian Orogenic Belt. <i>Mineralium Deposita</i> , 2022, 57, 631-641.	4.1	7
34	Apatite and zircon compositions for Miocene mineralizing and barren intrusions in the Gangdese porphyry copper belt of southern Tibet: Implication for ore control. <i>Ore Geology Reviews</i> , 2021, 139, 104474.	2.7	5
35	Megacrysts in the Cenozoic basalt of the Tuoyun Basin, Southwest Tianshan. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 55-66.	0.9	2