

# Guibin Zhang

## List of Publications by Year in descending order

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22  
papers

819  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

389  
citing authors

#	ARTICLE	IF	CITATIONS
1	The protoliths of central Himalayan eclogites. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1949-1966.	3.3	10
2	Diverse Anatexis in the Main Central Thrust Zone, Eastern Nepal: Implications for Melt Evolution and Exhumation Process of the Himalaya. <i>Journal of Petrology</i> , 2022, 63, .	2.8	7
3	Iron isotopic fractionation during eclogite anatexis and adakitic melt evolution: insights into garnet effect on Fe isotopic variations in high-silica igneous rocks. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	3
4	Boron isotopes of tourmalines from the central Himalaya: Implications for fluid activity and anatexis in the Himalayan orogen. <i>Chemical Geology</i> , 2022, 596, 120800.	3.3	11
5	Boron isotopes of white mica and tourmaline in an ultra-high pressure metapelite from the western Tianshan, China: dehydration and metasomatism during exhumation of subducted ocean-floor sediments. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	4
6	Evolution of the Continental Crust in the Northern Tibetan Plateau: Constraints From Geochronology and Hf Isotopes of Detrital Zircons. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	0
7	Ultrahigh Pressure Metamorphism. , 2021, , 553-560.		1
8	An Improved <i>In Situ</i> Zircon U-Pb Dating Method at High Spatial Resolution (10 <sup>1</sup> / <sub>4</sub> m Spot) by LA-MC-ICP-MS and its Application. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 265-285.	3.1	10
9	The validity of Ti-in-zircon thermometry in low temperature eclogites. <i>Geological Society Special Publication</i> , 2019, 474, 69-87.	1.3	3
10	Zircon geochemistry of two contrasting types of eclogite: Implications for the tectonic evolution of the North Qaidam UHPM belt, northern Tibet. <i>Gondwana Research</i> , 2016, 35, 27-39.	6.0	49
11	Trace element behavior and <sup>18</sup> O evolution during partial melting of exhumed eclogite in the North Qaidam UHPM belt (NW China): Implications for adakite genesis. <i>Lithos</i> , 2015, 226, 65-80.	1.4	42
12	Ultra-deep subduction of Yematan eclogite in the North Qaidam UHP belt, NW China: Evidence from phengite exsolution in omphacite. <i>American Mineralogist</i> , 2015, 100, 1848-1855.	1.9	10
13	Differential exhumation and cooling history of North Qaidam UHP metamorphic rocks, NW China: Constraints from zircon and rutile thermometry and U-Pb geochronology. <i>Lithos</i> , 2014, 205, 15-27.	1.4	34
14	From oceanic subduction to continental collision: An overview of HP-UHP metamorphic rocks in the North Qaidam UHP belt, NW China. <i>Journal of Asian Earth Sciences</i> , 2013, 63, 98-111.	2.3	64
15	Petrology and SHRIMP U-Pb dating of Xitieshan eclogite, North Qaidam UHP metamorphic belt, NW China. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 752-767.	2.3	77
16	Zr-in-rutile thermometry in HP/UHP eclogites from Western China. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 427-439.	3.1	35
17	UHP metamorphic evolution of coesite-bearing eclogite from the Yuka terrane, North Qaidam UHPM belt, NW China. <i>European Journal of Mineralogy</i> , 2010, 21, 1287-1300.	1.3	82
18	<sup>40</sup> Ar/ <sup>39</sup> Ar Dating of Xuebaoding Granite in the Songpan-Garzê Orogenic Belt, Southwest China, and its Geological Significance. <i>Acta Geologica Sinica</i> , 2010, 84, 345-357.	1.4	17

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19	Two types of peridotite in North Qaidam UHPM belt and their tectonic implications for oceanic and continental subduction: A review. <i>Journal of Asian Earth Sciences</i> , 2009, 35, 285-297.	2.3	46
20	UHP metamorphic evolution and SHRIMP geochronology of a coesite-bearing meta-ophiolitic gabbro in the North Qaidam, NW China. <i>Journal of Asian Earth Sciences</i> , 2009, 35, 310-322.	2.3	98
21	The geological characteristics of oceanic-type UHP metamorphic belts and their tectonic implications: Case studies from Southwest Tianshan and North Qaidam in NW China. <i>Science Bulletin</i> , 2008, 53, 3120-3130.	9.0	39
22	The subducted oceanic crust within continental-type UHP metamorphic belt in the North Qaidam, NW China: Evidence from petrology, geochemistry and geochronology. <i>Lithos</i> , 2008, 104, 99-118.	1.4	177