

Hao Cheng

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Coupled Lu-Hf and Sm-Nd geochronology constrains garnet growth in ultra-high-pressure eclogites from the Dabie orogen. <i>Journal of Metamorphic Geology</i> , 2008, 26, 741-758.	3.4	124
2	Transitional time of oceanic to continental subduction in the Dabie orogen: Constraints from U-Pb, Lu-Hf, Sm-Nd and Ar-Ar multichronometric dating. <i>Lithos</i> , 2009, 110, 327-342.	1.4	82
3	Timing of eclogite facies metamorphism in the North Qinling by U-Pb and Lu-Hf geochronology. <i>Lithos</i> , 2012, 136-139, 46-59.	1.4	78
4	Combined U-Pb, Lu-Hf, Sm-Nd and Ar-Ar multichronometric dating on the Bailang eclogite constrains the closure timing of the Paleo-Tethys Ocean in the Lhasa terrane, Tibet. <i>Gondwana Research</i> , 2015, 28, 1482-1499.	6.0	66
5	Origin of atoll garnets in eclogites and implications for the redistribution of trace elements during slab exhumation in a continental subduction zone. <i>American Mineralogist</i> , 2007, 92, 1119-1129.	1.9	58
6	Geochronology of the transition of eclogite to amphibolite facies metamorphism in the North Qinling orogen of central China. <i>Lithos</i> , 2011, 125, 969-983.	1.4	58
7	Zircon U-Pb and garnet Lu-Hf geochronology of eclogites from the Lhasa Block, Tibet. <i>Lithos</i> , 2012, 155, 341-359.	1.4	56
8	New Lu-Hf geochronology constrains the onset of continental subduction in the Dabie orogen. <i>Lithos</i> , 2011, 121, 41-54.	1.4	54
9	Protracted oceanic subduction prior to continental subduction: New Lu-Hf and Sm-Nd geochronology of oceanic-type high-pressure eclogite in the western Dabie orogen. <i>American Mineralogist</i> , 2010, 95, 1214-1223.	1.9	42
10	Preliminary study of microscale zircon oxygen isotopes for Dabie-Sulu metamorphic rocks: Ion probe in situ analyses. <i>Science Bulletin</i> , 2003, 48, 1670.	1.7	38
11	Coupled Lu-Hf and Sm-Nd geochronology constrains blueschist-facies metamorphism and closure timing of the Qilian Ocean in the North Qilian orogen. <i>Gondwana Research</i> , 2016, 34, 99-108.	6.0	27
12	Microsampling Lu-Hf geochronology reveals episodic garnet growth and multiple high-pressure metamorphic events. <i>Journal of Metamorphic Geology</i> , 2016, 34, 363-377.	3.4	23
13	Coupled Lu-Hf and Sm-Nd geochronology on a single eclogitic garnet from the Huwan shear zone, China. <i>Chemical Geology</i> , 2018, 476, 208-222.	3.3	22
14	New Lu-Hf and Sm-Nd geochronology constrains the subduction of oceanic crust during the Carboniferous-Permian in the Dabie orogen. <i>Journal of Asian Earth Sciences</i> , 2013, 63, 139-150.	2.3	21
15	The Triassic age for oceanic eclogites in the Dabie orogen: Entrainment of oceanic fragments in the continental subduction. <i>Lithos</i> , 2010, 117, 82-98.	1.4	20
16	Jurassic zircons from the Southwest Indian Ridge. <i>Scientific Reports</i> , 2016, 6, 26260.	3.3	19
17	Post-peak metamorphic evolution of the Sumdo eclogite from the Lhasa terrane of southeast Tibet. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 156-170.	2.3	18
18	Garnet Lu-Hf dating of retrograde fluid activity during ultrahigh-pressure metamorphic eclogites exhumation. <i>Mineralogy and Petrology</i> , 2009, 95, 315-326.	1.1	17

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19	Protracted garnet growth in high- <i>P</i> eclogite: constraints from multiple geochronology and <i>T</i> pseudosection. <i>Journal of Metamorphic Geology</i> , 2015, 33, 613-632.	3.4	17
20	Origin of atoll garnets in ultra-high-pressure eclogites and implications for infiltration of external fluids. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 224-238.	2.3	17
21	Reconciliation of discrepant <i>U</i> - <i>Pb</i> , <i>Lu</i> - <i>Hf</i> , <i>Sm</i> - <i>Nd</i> , <i>Ar</i> - <i>Ar</i> and <i>U</i> - <i>Th/He</i> dates in an amphibolite from the Cathaysia Block in Southern China. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	17
22	In-situ trace element analyses of zircons from Dabieshan Huangzhen eclogite: Trace element characteristics of eclogite-facies metamorphic zircon. <i>Science Bulletin</i> , 2002, 47, 1398.	1.7	14
23	In-situ trace element analyses and <i>Pb</i> - <i>Pb</i> dating of zircons in granulite from Huangtuling, Dabieshan by LAM-ICP-MS. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 1161-1170.	0.9	14
24	The growth interval of garnet in the UHP eclogites from the Dabie orogen, China. <i>American Mineralogist</i> , 2011, 96, 1300-1307.	1.9	13
25	Microsampling <i>Lu</i> - <i>Hf</i> geochronology on mm-sized garnet in eclogites constrains early garnet growth and timing of tectonometamorphism in the North Qilian orogenic belt. <i>Journal of Metamorphic Geology</i> , 2018, 36, 987-1008.	3.4	13
26	Crystal-size distribution and composition of garnets in eclogites from the Dabie orogen, central China. <i>American Mineralogist</i> , 2008, 93, 124-133.	1.9	11
27	Pseudosection modelling and garnet <i>Lu</i> - <i>Hf</i> geochronology of <i>HP</i> amphibole schists constrain the closure of an ocean basin between the northern and southern Lhasa blocks, central Tibet. <i>Journal of Metamorphic Geology</i> , 2017, 35, 777-803.	3.4	10
28	Combined geochemistry and geochronology constrains coupled subduction of oceanic and continental crust in the Huwan shear zone, central China. <i>American Mineralogist</i> , 2015, 100, 181-194.	1.9	8
29	Garnet <i>Lu</i> - <i>Hf</i> and <i>Sm</i> - <i>Nd</i> geochronology: a time capsule of the metamorphic evolution of orogenic belts. <i>Geological Society Special Publication</i> , 2019, 474, 47-67.	1.3	8
30	Multi-isotopic system geochronology of low temperature eclogite from Huangzhen, Southern Dabie Terrain. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 931.	0.9	7
31	The Origin of Late Cenozoic Magmatism in the South China Sea and Southeast Asia. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009686.	2.5	7
32	Multi-mineral petrochronology on a high-pressure mafic granulite reveals short-lived high-temperature metamorphism in the North China Craton. <i>Journal of Metamorphic Geology</i> , 2022, 40, 1447-1466.	3.4	5
33	Integrated garnet and zircon petrochronology reveals the timing and duration of orogenic events in the North China Craton. <i>Lithos</i> , 2021, 382-383, 105939.	1.4	3
34	Mosaic zircon petrochronology and implications for the ultra-slow spreading process of Southwest Indian Ridge. <i>Lithos</i> , 2021, 388-389, 106052.	1.4	2
35	Constraints on the early cooling rates of Mt. Dabie from diffusion modeling of chemical zoning of garnet. <i>Diqiu Huaxue</i> , 2005, 24, 208-220.	0.5	1
36	Modelling of low-temperature exhumation rate in Dabie Mountain based on (<i>U</i> - <i>Th</i>)/ <i>He</i> and fission-track thermochronological data. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 1009-1019.	0.9	1