

Timothy Harrison

List of Publications by Year in descending order

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21
papers

7,283
citations

393982

19
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

4375
citing authors

#	ARTICLE	IF	CITATIONS
1	Geologic Evolution of the Himalayan-Tibetan Orogen. <i>Annual Review of Earth and Planetary Sciences</i> , 2000, 28, 211-280.	4.6	4,643
2	Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	390
3	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	351
4	The Hadean Crust: Evidence from ^{4}Ga Zircons. <i>Annual Review of Earth and Planetary Sciences</i> , 2009, 37, 479-505.	4.6	341
5	Reconstruction of the Altyn Tagh fault based on U-Pb geochronology: Role of back thrusts, mantle sutures, and heterogeneous crustal strength in forming the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	280
6	Direct dating of left-lateral deformation along the Red River shear zone, China and Vietnam. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	279
7	Thermal evolution and slip history of the Renbu Zedong Thrust, southeastern Tibet. <i>Journal of Geophysical Research</i> , 1997, 102, 2659-2679.	3.3	170
8	Constraints on Hadean zircon protoliths from oxygen isotopes, Ti-thermometry, and rare earth elements. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	1.0	160
9	Nyainqentanglha Shan: A window into the tectonic, thermal, and geochemical evolution of the Lhasa block, southern Tibet. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	149
10	Th-Pb ion-microprobe dating of allanite. <i>American Mineralogist</i> , 2000, 85, 633-648.	0.9	85
11	Early Archean crustal evolution of the Jack Hills Zircon source terrane inferred from $^{176}\text{Lu}/^{177}\text{Hf}$, $^{207}\text{Pb}/^{206}\text{Pb}$, and ^{18}O systematics of Jack Hills zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4816-4829.	1.6	76
12	Hadean Zircon Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 329-363.	2.2	58
13	Distinguishing primary and secondary inclusion assemblages in Jack Hills zircons. <i>Lithos</i> , 2015, 234-235, 15-26.	0.6	55
14	Li zoning in zircon as a potential geospeedometer and peak temperature indicator. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	53
15	Pervasive remagnetization of detrital zircon host rocks in the Jack Hills, Western Australia and implications for records of the early geodynamo. <i>Earth and Planetary Science Letters</i> , 2015, 430, 115-128.	1.8	44
16	Constraining crustal silica on ancient Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21101-21107.	3.3	34
17	The Hyperion-II radio-frequency oxygen ion source on the UCLA ims1290 ion microprobe: Beam characterization and applications in geochemistry and cosmochemistry. <i>International Journal of Mass Spectrometry</i> , 2018, 424, 1-9.	0.7	33
18	Secondary magnetic inclusions in detrital zircons from the Jack Hills, Western Australia, and implications for the origin of the geodynamo. <i>Geology</i> , 2018, 46, 427-430.	2.0	27

#	ARTICLE	IF	CITATIONS
19	Secondary magnetite in ancient zircon precludes analysis of a Hadean geodynamo. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 407-412.	3.3	24
20	Reevaluating the evidence for a Hadean-Eoarchean dynamo. Science Advances, 2020, 6, eaav9634.	4.7	18
21	Reply to Comment on "Pervasive remagnetization of detrital zircon host rocks in the Jack Hills, Western Australia and implications for records of the early dynamo". Earth and Planetary Science Letters, 2016, 450, 409-412.	1.8	13