

Timothy Harrison

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

5,748
citations

17
h-index

21
g-index

21
ext. papers

6,500
ext. citations

6.9
avg, IF

5.87
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 21 | Reevaluating the evidence for a Hadean-Eoarchean dynamo. <i>Science Advances</i> , 2020 , 6, eaav9634 | 14.3 | 12 |
| 20 | 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 | 11.5 | 16 |
| 19 | Secondary magnetite in ancient zircon precludes analysis of a Hadean geodynamo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 407-412 | 11.5 | 17 |
| 18 | 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 | 1.9 | 26 |
| 17 | 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 | 5 | 22 |
| 16 | Hadean Zircon Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017 , 83, 329-363 | 7.1 | 45 |
| 15 | Li zoning in zircon as a potential geospeedometer and peak temperature indicator. <i>Contributions To Mineralogy and Petrology</i> , 2016 , 171, 1 | 3.5 | 41 |
| 14 | 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. <i>Earth and Planetary Science Letters</i> , 2016 , 450, 409-412 | 5.3 | 12 |
| 13 | 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 | 5.3 | 39 |
| 12 | Distinguishing primary and secondary inclusion assemblages in Jack Hills zircons. <i>Lithos</i> , 2015 , 234-235, 15-26 | 2.9 | 41 |
| 11 | Early Archean crustal evolution of the Jack Hills Zircon source terrane inferred from Lu/Hf, ²⁰⁷ Pb/ ²⁰⁶ Pb, and ¹⁸ O systematics of Jack Hills zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 4816-4829 | 5.5 | 68 |
| 10 | The Hadean Crust: Evidence from >4 Ga Zircons. <i>Annual Review of Earth and Planetary Sciences</i> , 2009 , 37, 479-505 | 15.3 | 262 |
| 9 | 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 | 3.6 | 125 |
| 8 | 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, | | 132 |
| 7 | Direct dating of left-lateral deformation along the Red River shear zone, China and Vietnam. <i>Journal of Geophysical Research</i> , 2003 , 108, | | 232 |
| 6 | Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. <i>Tectonics</i> , 2003 , 22, n/a-n/a | 4.3 | 323 |
| 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, | | 218 |

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| 4 | Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. <i>Tectonics</i> , 2003 , 22, n/a-n/a | 4.3 | 279 |
| 3 | Geologic Evolution of the Himalayan-Tibetan Orogen. <i>Annual Review of Earth and Planetary Sciences</i> , 2000 , 28, 211-280 | 15.3 | 3643 |
| 2 | Th-Pb ion-microprobe dating of allanite. <i>American Mineralogist</i> , 2000 , 85, 633-648 | 2.9 | 65 |
| 1 | Thermal evolution and slip history of the Renbu Zedong Thrust, southeastern Tibet. <i>Journal of Geophysical Research</i> , 1997 , 102, 2659-2679 | | 130 |