

Mary F Horan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10789199/publications.pdf>

Version: 2024-02-01

17
papers

1,122
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Residual platinum-group minerals from highly depleted harzburgites of the Lherz massif (France) and their role in HSE fractionation of the mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3082-3097.	3.9	228
2	Applications of the ^{190}Pt – ^{186}Os isotope system to geochemistry and cosmochemistry. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4799-4807.	3.9	176
3	Preservation of Earth-forming events in the tungsten isotopic composition of modern flood basalts. <i>Science</i> , 2016, 352, 809-812.	12.6	130
4	Rhenium concentration and isotope systematics in group IIAB iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2331-2344.	3.9	98
5	The coupled ^{182}W – ^{142}Nd record of early terrestrial mantle differentiation. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2168-2193.	2.5	87
6	Factors influencing the precision and accuracy of Nd isotope measurements by thermal ionization mass spectrometry. <i>Chemical Geology</i> , 2018, 476, 493-514.	3.3	66
7	High precision Ag isotope measurements in geologic materials by multiple-collector ICPMS: An evaluation of dry versus wet plasma. <i>International Journal of Mass Spectrometry</i> , 2007, 261, 183-191.	1.5	54
8	^{190}Pt - ^{186}Os and ^{187}Re - ^{187}Os systematics of the Sudbury Igneous Complex, Ontario. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 273-290.	3.9	51
9	Hadean silicate differentiation preserved by anomalous $^{142}\text{Nd}/^{144}\text{Nd}$ ratios in the Iceland hotspot source. <i>Nature</i> , 2018, 555, 89-93.	27.8	51
10	Chemical and chronologic complexity in the convecting upper mantle: Evidence from the Taitao ophiolite, southern Chile. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 5793-5819.	3.9	48
11	^{187}Re – ^{187}Os isotopic constraints on magma mixing in the Peridotite Zone of the Stillwater Complex, Montana, USA. <i>Contributions To Mineralogy and Petrology</i> , 2001, 141, 446-457.	3.1	36
12	Sources of osmium to the modern oceans: new evidence from the ^{190}Pt - ^{186}Os system. <i>Associate editor: E. M. Ripley. Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1243-1252.	3.9	24
13	Correlated cosmogenic W and Os isotopic variations in Carbo and implications for Hf–W chronology. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 153, 91-104.	3.9	22
14	Tungsten-182 evidence for an ancient kimberlite source. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
15	Chemical Separation of Tungsten and Other Trace Elements for ^{182}W Isotope Ratio Measurements Using Organic Acids. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 245-259.	3.1	16
16	The komatiite testimony to ancient mantle heterogeneity. <i>Chemical Geology</i> , 2022, 594, 120776.	3.3	13
17	Highly siderophile elements in the Earth and meteorites. <i>Chemical Geology</i> , 2003, 196, 1-3.	3.3	1