

# 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	The komatiite testimony to ancient mantle heterogeneity. <i>Chemical Geology</i> , 2022, 594, 120776.	3.3	13
2	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
3	Chemical Separation of Tungsten and Other Trace Elements for <sup>41</sup> TIMS Isotope Ratio Measurements Using Organic Acids. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 245-259.	3.1	16
4	Hadean silicate differentiation preserved by anomalous <sup>142</sup> Nd/ <sup>144</sup> Nd ratios in the Réunion hotspot source. <i>Nature</i> , 2018, 555, 89-93.	27.8	51
5	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
6	Preservation of Earth-forming events in the tungsten isotopic composition of modern flood basalts. <i>Science</i> , 2016, 352, 809-812.	12.6	130
7	The coupled <sup>182</sup> W- <sup>142</sup> Nd record of early terrestrial mantle differentiation. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2168-2193.	2.5	87
8	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
9	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
10	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
11	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
12	Sources of osmium to the modern oceans: new evidence from the <sup>190</sup> Pt- <sup>186</sup> Os system. Associate editor: E. M. Ripley. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1243-1252.	3.9	24
13	Highly siderophile elements in the Earth and meteorites. <i>Chemical Geology</i> , 2003, 196, 1-3.	3.3	1
14	<sup>190</sup> Pt- <sup>186</sup> Os and <sup>187</sup> Re- <sup>187</sup> Os systematics of the Sudbury Igneous Complex, Ontario. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 273-290.	3.9	51
15	Re-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
16	Applications of the <sup>190</sup> Pt- <sup>186</sup> Os isotope system to geochemistry and cosmochemistry. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4799-4807.	3.9	176
17	Rhenium concentration and isotope systematics in group IIAB iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2331-2344.	3.9	98