

Ali Pourmand

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,935
citations

430874

18
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2918
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium isotopic composition of the Earth and chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4150-4166.	3.9	381
2	A novel extraction chromatography and MC-ICP-MS technique for rapid analysis of REE, Sc and Y: Revising CI-chondrite and Post-Archean Australian Shale (PAAS) abundances. <i>Chemical Geology</i> , 2012, 291, 38-54.	3.3	297
3	Distribution coefficients of 60 elements on TODGA resin: Application to Ca, Lu, Hf, U and Th isotope geochemistry. <i>Talanta</i> , 2010, 81, 741-753.	5.5	178
4	Routine isotopic analysis of iron by HR-MC-ICPMS: How precise and how accurate?. <i>Chemical Geology</i> , 2009, 267, 175-184.	3.3	175
5	Abrupt climate variability since the last deglaciation based on a high-resolution, multi-proxy peat record from NW Iran: The hand that rocked the Cradle of Civilization?. <i>Quaternary Science Reviews</i> , 2015, 123, 215-230.	3.0	138
6	African biomass burning is a substantial source of phosphorus deposition to the Amazon, Tropical Atlantic Ocean, and Southern Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16216-16221.	7.1	100
7	A new method for MC-ICPMS measurement of titanium isotopic composition: Identification of correlated isotope anomalies in meteorites. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2197.	3.0	99
8	Geochemical fingerprinting of trans-Atlantic African dust based on radiogenic Sr-Nd-Hf isotopes and rare earth element anomalies. <i>Geology</i> , 2014, 42, 675-678.	4.4	76
9	Modern carbonate ooids preserve ambient aqueous REE signatures. <i>Chemical Geology</i> , 2019, 509, 163-177.	3.3	71
10	Variations in productivity and eolian fluxes in the northeastern Arabian Sea during the past 110 ka. <i>Earth and Planetary Science Letters</i> , 2004, 221, 39-54.	4.4	67
11	Thulium anomalies and rare earth element patterns in meteorites and Earth: Nebular fractionation and the nugget effect. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 163, 234-261.	3.9	65
12	Bahamian speleothem reveals temperature decrease associated with Heinrich stadials. <i>Earth and Planetary Science Letters</i> , 2015, 430, 377-386.	4.4	34
13	Speleothem records of glacial/interglacial climate from Iran forewarn of future Water Availability in the interior of the Middle East. <i>Quaternary Science Reviews</i> , 2017, 164, 187-198.	3.0	32
14	A 28â€‰ka history of sea surface temperature, primary productivity and planktonic community variability in the western Arabian Sea. <i>Paleoceanography</i> , 2007, 22, .	3.0	29
15	Early-Holocene greening of the Afro-Asian dust belt changed sources of mineral dust in West Asia. <i>Earth and Planetary Science Letters</i> , 2018, 481, 30-40.	4.4	27
16	The Vanishing of Urmia Lake: A Geolimnological Perspective on the Hydrological Imbalance of the Worldâ€™s Second Largest Hypersaline Lake. <i>Handbook of Environmental Chemistry</i> , 2018, , 41-78.	0.4	27
17	North African mineral dust across the tropical Atlantic Ocean: Insights from dust particle size, radiogenic Sr-Nd-Hf isotopes and rare earth elements (REE). <i>Aeolian Research</i> , 2018, 33, 106-116.	2.7	25
18	Multi-proxy evidence of millennial climate variability from multiple Bahamian speleothems. <i>Quaternary Science Reviews</i> , 2017, 161, 18-29.	3.0	22

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19	Late glacial and early Holocene hydroclimate variability in northwest Iran (Talesh Mountains) inferred from chironomid and pollen analysis. <i>Journal of Paleolimnology</i> , 2017, 58, 151-167.	1.6	18
20	Profiling of heroin and assignment of provenance by $^{87}\text{Sr}/^{86}\text{Sr}$ isotope ratio analysis. <i>Inorganica Chimica Acta</i> , 2017, 468, 294-299.	2.4	17
21	Mid-Holocene, Coral-Based Sea Surface Temperatures in the Western Tropical Atlantic. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1234-1245.	2.9	11
22	Boiled or roasted? Bivalve cooking methods of early Puerto Ricans elucidated using clumped isotopes. <i>Science Advances</i> , 2019, 5, eaaw5447.	10.3	10
23	Introducing a Comprehensive Data Reduction and Uncertainty Propagation Algorithm for U-Th Geochronometry with Extraction Chromatography and Isotope Dilution <scp>MC</scp>â€<scp>ICP</scp>â€<scp>MS</scp>. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 129-148.	3.1	8
24	Plasmonic Optical Imaging of Gold Nanorods Localization in Small Animals. <i>Scientific Reports</i> , 2018, 8, 9342.	3.3	8
25	The influence of seawater calcium ions on coral calcification mechanisms: Constraints from boron and carbon isotopes and B/Ca ratios in <i>Pocillopora damicornis</i> . <i>Earth and Planetary Science Letters</i> , 2019, 519, 130-140.	4.4	8
26	Lake Neor reveals how mountain vegetation responded to 7000 years of hydroclimate variability in northwestern Iran. <i>Journal of Quaternary Science</i> , 2021, 36, 598-610.	2.1	6
27	Interannual Variability in the Source Location of North African Dust Transported to the Amazon. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
28	Multi-Proxy Elemental and Isotopic Analysis of <i>Toxodon</i> Sp. Dental Enamel: Climate, Diet, Growth, and Mobility. <i>The Paleontological Society Special Publications</i> , 2014, 13, 44-44.	0.0	0