

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 | Interannual Variability in the Source Location of North African Dust Transported to the Amazon. <i>Geophysical Research Letters</i> , 2022, 49, . | 4.0 | 6 |
| 2 | 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 |
| 3 | 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 |
| 4 | Modern carbonate ooids preserve ambient aqueous REE signatures. <i>Chemical Geology</i> , 2019, 509, 163-177. | 3.3 | 71 |
| 5 | Mid-Holocene, Coral-Based Sea Surface Temperatures in the Western Tropical Atlantic. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1234-1245. | 2.9 | 11 |
| 6 | 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 |
| 7 | Boiled or roasted? Bivalve cooking methods of early Puerto Ricans elucidated using clumped isotopes. <i>Science Advances</i> , 2019, 5, eaaw5447. | 10.3 | 10 |
| 8 | 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 |
| 9 | The Vanishing of Urmia Lake: A Geolimnological Perspective on the Hydrological Imbalance of the World's Second Largest Hypersaline Lake. <i>Handbook of Environmental Chemistry</i> , 2018, , 41-78. | 0.4 | 27 |
| 10 | 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 |
| 11 | Plasmonic Optical Imaging of Gold Nanorods Localization in Small Animals. <i>Scientific Reports</i> , 2018, 8, 9342. | 3.3 | 8 |
| 12 | Multi-proxy evidence of millennial climate variability from multiple Bahamian speleothems. <i>Quaternary Science Reviews</i> , 2017, 161, 18-29. | 3.0 | 22 |
| 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 | 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 |
| 15 | Profiling of heroin and assignment of provenance by ⁸⁷ Sr/ ⁸⁶ Sr isotope ratio analysis. <i>Inorganica Chimica Acta</i> , 2017, 468, 294-299. | 2.4 | 17 |
| 16 | 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 |
| 17 | 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 |
| 18 | Bahamian speleothem reveals temperature decrease associated with Heinrich stadials. <i>Earth and Planetary Science Letters</i> , 2015, 430, 377-386. | 4.4 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multi-Proxy Elemental and Isotopic Analysis of Toxodon Sp. Dental Enamel: Climate, Diet, Growth, and Mobility. The Paleontological Society Special Publications, 2014, 13, 44-44. | 0.0 | 0 |
| 20 | Geochemical fingerprinting of trans-Atlantic African dust based on radiogenic Sr-Nd-Hf isotopes and rare earth element anomalies. Geology, 2014, 42, 675-678. | 4.4 | 76 |
| 21 | Introducing a Comprehensive Data Reduction and Uncertainty Propagation Algorithm for U-Th Geochronometry with Extraction Chromatography and Isotope Dilution MC-ICP-MS. Geostandards and Geoanalytical Research, 2014, 38, 129-148. | 3.1 | 8 |
| 22 | 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. Chemical Geology, 2012, 291, 38-54. | 3.3 | 297 |
| 23 | A new method for MC-ICPMS measurement of titanium isotopic composition: Identification of correlated isotope anomalies in meteorites. Journal of Analytical Atomic Spectrometry, 2011, 26, 2197. | 3.0 | 99 |
| 24 | Magnesium isotopic composition of the Earth and chondrites. Geochimica Et Cosmochimica Acta, 2010, 74, 4150-4166. | 3.9 | 381 |
| 25 | Distribution coefficients of 60 elements on TODGA resin: Application to Ca, Lu, Hf, U and Th isotope geochemistry. Talanta, 2010, 81, 741-753. | 5.5 | 178 |
| 26 | Routine isotopic analysis of iron by HR-MC-ICPMS: How precise and how accurate?. Chemical Geology, 2009, 267, 175-184. | 3.3 | 175 |
| 27 | A 28ka history of sea surface temperature, primary productivity and planktonic community variability in the western Arabian Sea. Paleoclimatology, 2007, 22, . | 3.0 | 29 |
| 28 | Variations in productivity and eolian fluxes in the northeastern Arabian Sea during the past 110 ka. Earth and Planetary Science Letters, 2004, 221, 39-54. | 4.4 | 67 |