

Francis Albarede

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.

280
papers

25,023
citations

87
h-index

151
g-index

301
ext. papers

27,255
ext. citations

8.3
avg, IF

7.05
L-index

#	Paper	IF	Citations
280	New findings of ancient Greek silver sources. <i>Journal of Archaeological Science</i> , 2022 , 137, 105474	2.9	1
279	Origin and fate of the greatest accumulation of silver in ancient history. <i>Archaeological and Anthropological Sciences</i> , 2022 , 14, 1	1.8	1
278	Silver isotope and volatile trace element systematics in galena samples from the Iberian Peninsula and the quest for silver sources of Roman coinage. <i>Geology</i> , 2022 , 50, 422-426	5	2
277	Copper Isotope Evidence of Oxidative Stress-Induced Hepatic Breakdown and the Transition to Hepatocellular Carcinoma 2022 , 1, 480-486		2
276	Sampling and combined Pb and Ag isotopic analysis of ancient silver coins and ores. <i>Chemical Geology</i> , 2021 , 564, 120028	4.2	8
275	Model for ancient Greek and Roman coinage production. <i>Journal of Archaeological Science</i> , 2021 , 131, 105406	2.9	0
274	From commodity to money: The rise of silver coinage around the Ancient Mediterranean (sixth-first centuries bce). <i>Archaeometry</i> , 2021 , 63, 142-155	1.6	11
273	Metal provenance of Iron Age Hacksilber hoards in the southern Levant. <i>Journal of Archaeological Science</i> , 2021 , 134, 105472	2.9	3
272	The significance of galena Pb model ages and the formation of large Pb-Zn sedimentary deposits. <i>Chemical Geology</i> , 2021 , 583, 120444	4.2	4
271	The marine record of the onset of farming around the Arabian Sea at the dawn of the Bronze Age. <i>Holocene</i> , 2020 , 30, 878-887	2.6	2
270	A heavy metal baseline score predicts outcome in acute myeloid leukemia. <i>American Journal of Hematology</i> , 2020 , 95, 422-434	7.1	6
269	Chemical archeoceanography. <i>Chemical Geology</i> , 2020 , 548, 119625	4.2	5
268	Separating silver sources of Archaic Athenian coinage by comprehensive compositional analyses. <i>Journal of Archaeological Science</i> , 2020 , 114, 105068	2.9	6
267	A miner's perspective on Pb isotope provenances in the Western and Central Mediterranean. <i>Journal of Archaeological Science</i> , 2020 , 121, 105194	2.9	13
266	Th/U variability in Allende chondrules. <i>Geochimica Et Cosmochimica Acta</i> , 2020 , 280, 378-394	5.5	4
265	Homogeneous sulfur isotope signature in East Antarctica and implication for sulfur source shifts through the last glacial-interglacial cycle. <i>Scientific Reports</i> , 2019 , 9, 12378	4.9	5
264	2600-years of stratospheric volcanism through sulfate isotopes. <i>Nature Communications</i> , 2019 , 10, 466	17.4	14

263	Intercomparison measurements of two ³³ S-enriched sulfur isotope standards. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 1263-1271	3.7	9
262	Dynamic homeostasis modeling of Zn isotope ratios in the human body. <i>Metallomics</i> , 2019 , 11, 1049-1059	4.5	13
261	Extraction of Pb and Zn from crude oil for high-precision isotopic analysis by MC-ICP-MS. <i>Chemical Geology</i> , 2019 , 511, 112-122	4.2	9
260	Lead isotopes as tracers of crude oil migration within deep crustal fluid systems. <i>Earth and Planetary Science Letters</i> , 2019 , 525, 115747	5.3	6
259	A critical evaluation of copper isotopes in Precambrian Iron Formations as a paleoceanographic proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 264, 130-140	5.5	4
258	Geochemistry of Gold Ores Mined During Celtic Times from the North-Western French Massif Central. <i>Scientific Reports</i> , 2019 , 9, 17816	4.9	6
257	Dynamics of oceanic iron prior to the Great Oxygenation Event. <i>Earth and Planetary Science Letters</i> , 2019 , 506, 360-370	5.3	22
256	Differential effects of TNF- α and IL-1 β on the control of metal metabolism and cadmium-induced cell death in chronic inflammation. <i>PLoS ONE</i> , 2018 , 13, e0196285	3.7	19
255	¹⁰⁹ Ag/ ¹⁰⁷ Ag fractionation in fluids with applications to ore deposits, archeometry, and cosmochemistry. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 234, 37-49	5.5	17
254	Medical Applications of Isotope Metallomics. <i>Reviews in Mineralogy and Geochemistry</i> , 2017 , 82, 851-885	7.1	30
253	A reappraisal of the evolution of the palaeo-Pacific margin of Gondwana from the Pb and Os isotope systematics of igneous rocks from the southern Adelaide fold belt, South Australia. <i>Gondwana Research</i> , 2017 , 45, 152-162	5.1	5
252	Copper transporters are responsible for copper isotopic fractionation in eukaryotic cells. <i>Scientific Reports</i> , 2017 , 7, 44533	4.9	36
251	Protective effect of low dose intra-articular cadmium on inflammation and joint destruction in arthritis. <i>Scientific Reports</i> , 2017 , 7, 2415	4.9	19
250	Thermal evolution of planetesimals during accretion. <i>Icarus</i> , 2017 , 285, 103-117	3.8	6
249	Rome's urban history inferred from Pb-contaminated waters trapped in its ancient harbor basins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10059-10064	11.5	20
248	Regulatory effects of zinc on cadmium-induced cytotoxicity in chronic inflammation. <i>PLoS ONE</i> , 2017 , 12, e0180879	3.7	9
247	Large-scale tectonic cycles in Europe revealed by distinct Pb isotope provinces. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 3854-3864	3.6	27
246	Sulfur isotope analysis by MC-ICP-MS and application to small medical samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1002-1011	3.7	24

245	A glimpse into the Roman finances of the Second Punic War through silver isotopes. <i>Geochemical Perspectives Letters</i> , 2016 , 127-137	3	15
244	A Feedback Loop between Inflammation and Zn Uptake. <i>PLoS ONE</i> , 2016 , 11, e0147146	3.7	23
243	A lead isotope perspective on urban development in ancient Naples. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 6148-53	11.5	28
242	Hypoxia induces copper stable isotope fractionation in hepatocellular carcinoma, in a HIF-independent manner. <i>Metallomics</i> , 2016 , 8, 1177-1184	4.5	29
241	Medical applications of Cu, Zn, and S isotope effects. <i>Metallomics</i> , 2016 , 8, 1056-1070	4.5	50
240	Citation for presentation of the 2014 V.M. Goldschmidt Award of the Geochemical Society to Timothy L. Grove. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 159, 298-299	5.5	
239	Corrigendum to 'Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Petrogenesis of Basaltic Andesites at Tofua Volcano' and 'Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Rapid Petrogenesis of Dacites at Fonualei Volcano'. <i>Journal of Petrology</i> , 2015 , 56, 641-644	3.9	2
238	Instrumental isotope fractionation in multiple-collector icp-ms. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1736-1742	3.7	22
237	The lunar neutron energy spectrum inferred from the isotope compositions of rare-earth elements and hafnium in Apollo samples. <i>Earth and Planetary Science Letters</i> , 2015 , 429, 147-156	5.3	3
236	The Impact of Geochemistry. <i>Elements</i> , 2015 , 11, 239-240	3.8	4
235	Metal Stable Isotopes in the Human Body: A Tribute of Geochemistry to Medicine. <i>Elements</i> , 2015 , 11, 265-269	3.8	28
234	Copper isotope effect in serum of cancer patients. A pilot study. <i>Metallomics</i> , 2015 , 7, 299-308	4.5	74
233	Zinc and its role in immunity and inflammation. <i>Autoimmunity Reviews</i> , 2015 , 14, 277-85	13.6	351
232	Demise of a harbor: a geochemical chronicle from Ephesus. <i>Journal of Archaeological Science</i> , 2015 , 53, 202-213	2.9	25
231	¹⁴⁷ Sm- ¹⁴³ Nd and ¹⁷⁶ Lu- ¹⁷⁶ Hf systematics of eucrite and angrite meteorites. <i>Meteoritics and Planetary Science</i> , 2015 , 50, 1896-1911	2.8	16
230	Natural variations of copper and sulfur stable isotopes in blood of hepatocellular carcinoma patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 982-5	11.5	101
229	An intrinsic volatility scale relevant to the Earth and Moon and the status of water in the Moon. <i>Meteoritics and Planetary Science</i> , 2015 , 50, 568-577	2.8	51
228	Lead in ancient Rome's city waters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6594-9	11.5	65

227	Density functional theory estimation of isotope fractionation of Fe, Ni, Cu, and Zn among species relevant to geochemical and biological environments. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 140, 553-576	5.5	152
226	Comment on U chronology of the Martian meteorite Zagami revealed by U/Pb ion probe dating of accessory minerals by Zhou et al.. <i>Earth and Planetary Science Letters</i> , 2014 , 385, 216-217	5.3	3
225	Similarities between the Th/U map of the western US crystalline basement and the seismic properties of the underlying lithosphere. <i>Earth and Planetary Science Letters</i> , 2014 , 391, 243-254	5.3	6
224	Geochemistry of the Cambrian Sirius Passet Lagerstätte, Northern Greenland. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 886-904	3.6	12
223	A1.19 Zinc and cadmium homeostasis is altered in rheumatoid arthritis synoviocytes. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A8.1-A8	2.4	
222	Helium isotopic textures in Earth's upper mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 2048-2074	3.7	31
221	Geochemical investigation of a sediment core from the Trajan basin at Portus, the harbor of ancient Rome. <i>Quaternary Science Reviews</i> , 2014 , 87, 34-45	3.9	31
220	Contrasting Cu, Fe, and Zn isotopic patterns in organs and body fluids of mice and sheep, with emphasis on cellular fractionation. <i>Metallomics</i> , 2013 , 5, 1470-82	4.5	84
219	Siderophile elements in IVA irons and the compaction of their parent asteroidal core. <i>Earth and Planetary Science Letters</i> , 2013 , 362, 122-129	5.3	5
218	A Zn isotope perspective on the rise of continents. <i>Geobiology</i> , 2013 , 11, 201-14	4.3	49
217	Is aging recorded in blood Cu and Zn isotope compositions?. <i>Metallomics</i> , 2013 , 5, 1016-24	4.5	55
216	Asteroidal impacts and the origin of terrestrial and lunar volatiles. <i>Icarus</i> , 2013 , 222, 44-52	3.8	78
215	Copper isotope fractionation between aqueous compounds relevant to low temperature geochemistry and biology. <i>Geochimica Et Cosmochimica Acta</i> , 2013 , 110, 29-44	5.5	106
214	An experimental model approach of biologically-assisted silicate dissolution with olivine and Escherichia coli: Impact on chemical weathering of mafic rocks and atmospheric CO2 drawdown. <i>Applied Geochemistry</i> , 2013 , 31, 216-227	3.5	11
213	The U/Pb ratio of the Earth's mantle: A signature of late volatile addition. <i>Earth and Planetary Science Letters</i> , 2013 , 362, 237-245	5.3	46
212	Pb and Hf isotope variations along the Southeast Indian Ridge and the dynamic distribution of MORB source domains in the upper mantle. <i>Earth and Planetary Science Letters</i> , 2013 , 375, 196-208	5.3	22
211	Copper, lead, and silver isotopes solve a major economic conundrum of Tudor and early Stuart Europe. <i>Geology</i> , 2013 , 41, 135-138	5	23
210	A GEOLOGICAL PERSPECTIVE ON THE USE OF Pb ISOTOPES IN ARCHAEOOMETRY. <i>Archaeometry</i> , 2012 , 54, 853-867	1.6	81

209	Hafnium isotope evidence from Archean granitic rocks for deep-mantle origin of continental crust. <i>Earth and Planetary Science Letters</i> , 2012 , 337-338, 211-223	5.3	138
208	Er and Yb isotope fractionation in planetary materials. <i>Earth and Planetary Science Letters</i> , 2012 , 355-356, 39-50	5.3	18
207	Fe and Cu stable isotopes in archeological human bones and their relationship to sex. <i>American Journal of Physical Anthropology</i> , 2012 , 148, 334-40	2.5	52
206	Ab initio calculation of the Zn isotope effect in phosphates, citrates, and malates and applications to plants and soil. <i>PLoS ONE</i> , 2012 , 7, e30726	3.7	56
205	Nature of volatile depletion and genetic relationships in enstatite chondrites and aubrites inferred from Zn isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 297-307	5.5	64
204	The origin of Zn isotope fractionation in sulfides. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 7632-7643	5.5	104
203	Isotopic evidence of unaccounted for Fe and Cu erythropoietic pathways. <i>Metallomics</i> , 2011 , 3, 926-33	4.5	91
202	Isotopic Ag-Cu-Pb record of silver circulation through 16th-18th century Spain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9002-7	11.5	69
201	Early Archean serpentine mud volcanoes at Isua, Greenland, as a niche for early life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 17639-43	11.5	71
200	THE ELUSIVE ^{60}Fe IN THE SOLAR NEBULA. <i>Astrophysical Journal</i> , 2011 , 741, 71	4.7	23
199	The redox state of arc mantle using Zn/Fe systematics. <i>Nature</i> , 2010 , 468, 681-5	50.4	185
198	A data brief on magnesium isotope compositions of marine calcareous sediments and ferromanganese nodules. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	4
197	The early formation of the IVA iron meteorite parent body. <i>Earth and Planetary Science Letters</i> , 2010 , 296, 469-480	5.3	39
196	Global structure of mantle isotopic heterogeneity and its implications for mantle differentiation and convection. <i>Earth and Planetary Science Letters</i> , 2010 , 299, 339-351	5.3	234
195	The Solar System primordial lead. <i>Earth and Planetary Science Letters</i> , 2010 , 300, 152-163	5.3	52
194	Bodily variability of zinc natural isotope abundances in sheep. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 605-12	2.2	53
193	Volatile accretion history of the terrestrial planets and dynamic implications. <i>Nature</i> , 2009 , 461, 1227-33	50.4	324
192	Martian meteorite chronology and the evolution of the interior of Mars. <i>Earth and Planetary Science Letters</i> , 2009 , 280, 285-295	5.3	94

191	Mixing of isotopic heterogeneities in the Mauna Kea plume conduit. <i>Earth and Planetary Science Letters</i> , 2009 , 282, 190-200	5.3	44
190	Nuclear field shift effect in the isotope exchange reaction of cadmium using a crown ether. <i>Chemical Geology</i> , 2009 , 267, 157-163	4.2	23
189	The nuclear field shift effect in chemical exchange reactions. <i>Chemical Geology</i> , 2009 , 267, 139-156	4.2	77
188	Isotopic and elemental abundances of copper and zinc in lunar samples, Zagami, Pele's hairs, and a terrestrial basalt. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 5884-5904	5.5	109
187	Isotopic fractionation and transport mechanisms of Zn in plants. <i>Chemical Geology</i> , 2009 , 267, 125-130	4.2	111
186	Nuclear field shift effect as a possible cause of Te isotopic anomalies in the early solar system: An alternative explanation of Fehr et al. (2006 and 2009). <i>Meteoritics and Planetary Science</i> , 2009 , 44, 1735-1742	2.8	13
185	A geochemist wonders about the Solar System's true age. <i>Nature</i> , 2008 , 454, 807	50.4	0
184	Decoupled isotopic record of ridge and subduction zone processes in oceanic basalts by independent component analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	42
183	Hafnium isotopes in Jack Hills zircons and the formation of the Hadean crust. <i>Earth and Planetary Science Letters</i> , 2008 , 265, 686-702	5.3	153
182	The case for old basaltic shergottites. <i>Earth and Planetary Science Letters</i> , 2008 , 266, 105-124	5.3	104
181	Pb, Hf and Nd isotope compositions of the two Réunion volcanoes (Indian Ocean): A tale of two small-scale mantle blobs. <i>Earth and Planetary Science Letters</i> , 2008 , 265, 748-765	5.3	71
180	U-Pb dating of fossil enamel from the Swartkrans Pleistocene hominid site, South Africa. <i>Earth and Planetary Science Letters</i> , 2008 , 267, 236-246	5.3	58
179	Analysis of coupled Sr/Ca and $^{87}\text{Sr}/^{86}\text{Sr}$ variations in enamel using laser-ablation tandem quadrupole-multicollector ICPMS. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 3980-3990	5.5	26
178	Isotope Separation of Te in Chemical Exchange System with Dicyclohexano-18-crown-6. <i>Journal of Nuclear Science and Technology</i> , 2008 , 45, 10-14	1	11
177	Rogue mantle helium and neon. <i>Science</i> , 2008 , 319, 943-5	33.3	44
176	Isotopic portrayal of the Earth's upper mantle flow field. <i>Nature</i> , 2007 , 447, 1069-74	50.4	86
175	The Formation of Crust and Mantle of the Rocky Planets and the Mineral Environment of the Origin of Life 2007 , 75-102		1
174	A unique lower mantle source for Southern Italy volcanics. <i>Earth and Planetary Science Letters</i> , 2007 , 259, 227-238	5.3	40

173	The split fate of the early Earth, Mars, Venus, and Moon. <i>Comptes Rendus - Geoscience</i> , 2007 , 339, 917-927.	4	30
172	Pb/Bb dating constraints on the accretion and cooling history of chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2007 , 71, 1583-1604	5.5	132
171	Constraints on source-forming processes of West Greenland kimberlites inferred from Hf/Nd isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2007 , 71, 2820-2836	5.5	59
170	Comparative stable isotope geochemistry of Ni, Cu, Zn, and Fe in chondrites and iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2007 , 71, 4365-4379	5.5	97
169	Comment on "Heterogeneous Hadean hafnium: evidence of continental crust at 4.4 to 4.5 Ga". <i>Science</i> , 2006 , 312, 1139; author reply 1139	33.3	12
168	Mass-Independent Isotope Fractionation of Molybdenum and Ruthenium and the Origin of Isotopic Anomalies in Murchison. <i>Astrophysical Journal</i> , 2006 , 647, 1506-1516	4.7	40
167	Building of a Habitable Planet 2006 , 97-151		1
166	Isotope fractionation of iron(III) in chemical exchange reactions using solvent extraction with crown ether. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 11108-12	2.8	19
165	Geochemical component relationships in MORB from the Mid-Atlantic Ridge, 22°N. <i>Earth and Planetary Science Letters</i> , 2006 , 241, 844-862	5.3	62
164	Nuclear field vs. nucleosynthetic effects as cause of isotopic anomalies in the early Solar System. <i>Earth and Planetary Science Letters</i> , 2006 , 247, 1-9	5.3	61
163	Formation of solar nebula reservoirs by mixing chondritic components. <i>Earth and Planetary Science Letters</i> , 2006 , 248, 650-660	5.3	55
162	Ray irradiation in the early Solar System and the conundrum of the ¹⁷⁶ Lu decay constant. <i>Geochimica Et Cosmochimica Acta</i> , 2006 , 70, 1261-1270	5.5	90
161	Isotopic composition of zinc, copper, and iron in lunar samples. <i>Geochimica Et Cosmochimica Acta</i> , 2006 , 70, 6103-6117	5.5	135
160	Europium isotopic variations in Allende CAIs and the nature of mass-dependent fractionation in the solar nebula. <i>Geochimica Et Cosmochimica Acta</i> , 2006 , 70, 4287-4294	5.5	34
159	The rise of continents. An essay on the geologic consequences of photosynthesis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 232, 99-113	2.9	77
158	Cryptic striations in the upper mantle revealed by hafnium isotopes in southeast Indian ridge basalts. <i>Nature</i> , 2006 , 440, 199-202	50.4	48
157	2. Dating Methods and Corresponding Chronometers in Astrobiology. <i>Earth, Moon and Planets</i> , 2006 , 98, 11-38	0.6	
156	4. Building of a Habitable Planet. <i>Earth, Moon and Planets</i> , 2006 , 98, 97-151	0.6	22

155	Lu-Hf and PbSL geochronology of apatites from Proterozoic terranes: A first look at Lu-Hf isotopic closure in metamorphic apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2005 , 69, 1847-1859	5.5	61
154	Zn and Cu isotopic variations in chondrites and iron meteorites: Early solar nebula reservoirs and parent-body processes. <i>Geochimica Et Cosmochimica Acta</i> , 2005 , 69, 5351-5363	5.5	151
153	Comment to Pb isotopic analysis of standards and samples using a 207Pb/204Pb double spike and thallium to correct for mass bias with a double-focusing MCICPMS by Baker et al.. <i>Chemical Geology</i> , 2005 , 217, 171-174	4.2	14
152	The spectra of isotopic heterogeneities along the mid-Atlantic Ridge. <i>Earth and Planetary Science Letters</i> , 2005 , 238, 96-109	5.3	97
151	The age of SNC meteorites and the antiquity of the Martian surface. <i>Earth and Planetary Science Letters</i> , 2005 , 240, 221-233	5.3	108
150	Heterogeneous Hadean hafnium: evidence of continental crust at 4.4 to 4.5 ga. <i>Science</i> , 2005 , 310, 1947-1953	5.3	403
149	Geochemical segmentation of the Mid-Atlantic Ridge north of Iceland and ridge-hot spot interaction in the North Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	95
148	A search for 142Nd evidence of primordial mantle heterogeneities in plume basalts. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	10
147	The Survival of Mantle Geochemical Heterogeneities. <i>Geophysical Monograph Series</i> , 2005 , 27-46	1.1	24
146	Geophysics. Helium feels the heat in Earth's mantle. <i>Science</i> , 2005 , 310, 1777-8	3.3	6
145	4. Analytical Methods for Non-Traditional Isotopes 2004 , 113-152		26
144	11. The Stable Isotope Geochemistry of Copper and Zinc 2004 , 409-428		15
143	Preface & Acknowledgments. <i>Reviews in Mineralogy and Geochemistry</i> , 2004 , 55, vi-vi	7.1	8
142	The Stable Isotope Geochemistry of Copper and Zinc. <i>Reviews in Mineralogy and Geochemistry</i> , 2004 , 55, 409-427	7.1	120
141	Lower export production during glacial periods in the equatorial Pacific derived from (231Pa/230Th)xs,0 measurements in deep-sea sediments. <i>Paleoceanography</i> , 2004 , 19, n/a-n/a		57
140	Source enrichment processes responsible for isotopic anomalies in oceanic island basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2004 , 68, 2699-2724	5.5	50
139	Precise and accurate isotopic measurements using multiple-collector ICPMS. <i>Geochimica Et Cosmochimica Acta</i> , 2004 , 68, 2725-2744	5.5	422
138	Isotopic constraints on the cooling of the continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2004 , 223, 99-111	5.3	64

137	Overview and General Concepts. <i>Reviews in Mineralogy and Geochemistry</i> , 2004 , 55, 1-24	7.1	72
136	Analytical Methods for Non-Traditional Isotopes. <i>Reviews in Mineralogy and Geochemistry</i> , 2004 , 55, 113-152	3.52	217
135	Geochemistry of Non-Traditional Stable Isotopes 2004 ,		64
134	Preliminary Results from a New 157 nm Laser Ablation ICP-MS Instrument: New Opportunities in the Analysis of Solid Samples. <i>Geostandards and Geoanalytical Research</i> , 2003 , 27, 5-11	3.6	22
133	Geochemistry: An Introduction 2003 ,		42
132	Hawaiian hot spot dynamics as inferred from the Hf and Pb isotope evolution of Mauna Kea volcano. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	110
131	The thermal history of leaky chronometers above their closure temperature. <i>Geophysical Research Letters</i> , 2003 , 30, 15-1-15-4	4.9	13
130	Theistareykir revisited. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	132
129	Coupled ⁶³ Cu and ¹⁶ O excesses in chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 143-151	5.5	85
128	Phosphate Lu/Hf geochronology. <i>Chemical Geology</i> , 2003 , 200, 241-253	4.2	47
127	Zinc isotope variations in deep-sea carbonates from the eastern equatorial Pacific over the last 175 ka. <i>Earth and Planetary Science Letters</i> , 2003 , 210, 167-178	5.3	179
126	¹⁴² Nd evidence for early Earth differentiation. <i>Earth and Planetary Science Letters</i> , 2003 , 214, 427-442	5.3	144
125	A short timescale for terrestrial planet formation from Hf-W chronometry of meteorites. <i>Nature</i> , 2002 , 418, 949-52	50.4	514
124	Zoned mantle convection. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2002 , 360, 2569-92	3	77
123	Hf Isotope Evidence for a Miocene Change in the Kerguelen Mantle Plume Composition. <i>Journal of Petrology</i> , 2002 , 43, 1327-1339	3.9	25
122	Upwelling of deep mantle material through a plate window: Evidence from the geochemistry of Italian basaltic volcanics. <i>Journal of Geophysical Research</i> , 2002 , 107, ECV 7-1-ECV 7-19		100
121	Volcanic evolution in the Galápagos: The dissected shield of Volcan Ecuador. <i>Geochemistry, Geophysics, Geosystems</i> , 2002 , 3, 1 of 32-32 of 32	3.6	31
120	Strange partners: formation and survival of continental crust and lithospheric mantle. <i>Geological Society Special Publication</i> , 2002 , 199, 91-103	1.7	15

119	Ion-exchange fractionation of copper and zinc isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2002 , 66, 1499-1509	3.5	200
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