List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Spatial variation of strontium isotopes (87Sr/86Sr) in the Maya region: a tool for tracking ancient human migration. Journal of Archaeological Science, 2004, 31, 585-601.	2.4	276
2	Paleomagnetism and Detrital Zircon Geochronology of the Upper Vindhyan Sequence, Son Valley and Rajasthan, India: A ca. 1000Ma Closure age for the Purana Basins?. Precambrian Research, 2008, 164, 137-159.	2.7	237
3	Insights into immigration and social class at Machu Picchu, Peru based on oxygen, strontium, and lead isotopic analysis. Journal of Archaeological Science, 2009, 36, 317-332.	2.4	185
4	Paleomagnetic and geochronological studies of the mafic dyke swarms of Bundelkhand craton, central India: Implications for the tectonic evolution and paleogeographic reconstructions. Precambrian Research, 2012, 198-199, 51-76.	2.7	160
5	Mesoproterozoic-trans-Laurentian magmatism: A synthesis of continent-wide age distributions, new SIMS U–Pb ages, zircon saturation temperatures, and Hf and Nd isotopic compositions. Precambrian Research, 2015, 265, 286-312.	2.7	159
6	Direct (Hetero)arylation Polymerization: An Effective Route to 3,4-Propylenedioxythiophene-Based Polymers with Low Residual Metal Content. ACS Macro Letters, 2013, 2, 869-873.	4.8	127
7	Response of Iberian Margin sediments to orbital and suborbital forcing over the past 420 ka. Paleoceanography, 2013, 28, 185-199.	3.0	127
8	A detrital zircon U–Pb and Hf isotopic transect across the Son Valley sector of the Vindhyan Basin, India: Implications for basin evolution and paleogeography. Gondwana Research, 2014, 26, 348-364.	6.0	119
9	Extraordinary Hydrogen Evolution and Oxidation Reaction Activity from Carbon Nanotubes and Graphitic Carbons. ACS Nano, 2014, 8, 8447-8456.	14.6	115
10	India's changing place in global Proterozoic reconstructions: A review of geochronologic constraints and paleomagnetic poles from the Dharwar, Bundelkhand and Marwar cratons. Journal of Geodynamics, 2010, 50, 224-242.	1.6	107
11	Optimization of mixed Pb–Tl solutions for high precision isotopic analyses by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2004, 19, 1262-1267.	3.0	102
12	Extraction of Nd isotopes from bulk deep sea sediments for paleoceanographic studies on Cenozoic time scales. Chemical Geology, 2010, 269, 414-431.	3.3	99
13	Paleoproterozoic mafic dyke swarms from the Dharwar craton; paleomagnetic poles for India from 2.37 to 1.88Ga and rethinking the Columbia supercontinent. Precambrian Research, 2014, 244, 100-122.	2.7	98
14	Further geochronological and paleomagnetic constraints on Malani (and pre-Malani) magmatism in NW India. Tectonophysics, 2013, 608, 1254-1267.	2.2	91
15	Preliminary report on the paleomagnetism of 1.88Ga dykes from the Bastar and Dharwar cratons, Peninsular India. Gondwana Research, 2011, 20, 335-343.	6.0	80
16	The Pb isotopic record of historical to modern human lead exposure. Science of the Total Environment, 2014, 490, 861-870.	8.0	78
17	Anthropogenic versus natural control on trace element and Sr–Nd–Pb isotope stratigraphy in peat sediments of southeast Florida (USA), â^¼1500 AD to present. Geochimica Et Cosmochimica Acta, 2009, 73, 3549-3567.	3.9	71
18	Crustal Evolution in the Southern Appalachian Orogen: Evidence from Hf Isotopes in Detrital Zircons. Journal of Geology, 2008, 116, 414-422.	1.4	68

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19	Controls on magmatism in an island arc environment: study of lavas and sub-arc xenoliths from the Tabar–Lihir–Tanga–Feni island chain, Papua New Guinea. Contributions To Mineralogy and Petrology, 2008, 155, 635-656.	3.1	67
20	Geochemistry of lavas from the 2005–2006 eruption at the East Pacific Rise, 9°46′N–9°56′N: Implica for ridge crest plumbing and decadal changes in magma chamber compositions. Geochemistry, Geophysics, Geosystems, 2010, 11, .	itions 2.5	65
21	Hydrothermal nontronite formation at Eolo Seamount (Aeolian volcanic arc, Tyrrhenian Sea). Chemical Geology, 2007, 245, 103-119.	3.3	64
22	Crustal evolution of southern Laurentia during the Paleoproterozoic: Insights from zircon Hf isotopic studies of ca. 1.75 Ga rocks in central Colorado. Geology, 2008, 36, 555.	4.4	58
23	Detrital Zircons Reveal Evidence of Hadean Crust in the Singhbhum Craton, India. Journal of Geology, 2018, 126, 541-552.	1.4	55
24	Glaciation and ~770Ma Ediacara (?) Fossils from the Lesser Karatau Microcontinent, Kazakhstan. Gondwana Research, 2011, 19, 867-880.	6.0	52
25	Hydrothermal carbonate chimneys from a continental rift (Afar Rift): Mineralogy, geochemistry, and mode of formation. Chemical Geology, 2014, 387, 87-100.	3.3	50
26	Fe–Si-oxyhydroxide deposits at a slow-spreading centre with thickened oceanic crust: The Lilliput hydrothermal field (9°33′S, Mid-Atlantic Ridge). Chemical Geology, 2010, 278, 186-200.	3.3	48
27	End Capping Does Matter: Enhanced Order and Charge Transport in Conjugated Donor–Acceptor Polymers. Macromolecules, 2015, 48, 6369-6377.	4.8	48
28	Genesis of Middle Miocene Yellowstone hotspot-related bonanza epithermal Au–Ag deposits, Northern Great Basin, USA. Mineralium Deposita, 2008, 43, 715-734.	4.1	46
29	Arc lavas on both sides of a trench: Slab window effects at the Solomon Islands triple junction, SW Pacific. Earth and Planetary Science Letters, 2009, 279, 293-302.	4.4	46
30	Magmatic effects of the Cobb hot spot on the Juan de Fuca Ridge. Journal of Geophysical Research, 2005, 110, .	3.3	45
31	Variations in the strontium isotope composition of seawater during the Paleocene and early Eocene from ODP Leg 208 (Walvis Ridge). Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	45
32	Earliest isotopic evidence in the Maya region for animal management and long-distance trade at the site of Ceibal, Guatemala. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3605-3610.	7.1	45
33	Evidence for Patterns of Selective Urban Migration in the Greater Indus Valley (2600-1900 BC): A Lead and Strontium Isotope Mortuary Analysis. PLoS ONE, 2015, 10, e0123103.	2.5	44
34	U-Pb Age and Hf Isotopic Compositions of Magmatic Zircons from a Rhyolite Flow in the Porcellanite Formation in the Vindhyan Supergroup, Son Valley (India): Implications for Its Tectonic Significance. Journal of Geology, 2017, 125, 367-379.	1.4	43
35	High-precision Pb isotopic measurements of teeth and environmental samples from Sofia (Bulgaria): insights for regional lead sources and possible pathways to the human body. Environmental Geology, 2008, 55, 669-680.	1.2	42
36	Reconstructing Neolithic groups in Sarawak, Malaysia through lead and strontium isotope analysis. Journal of Archaeological Science, 2008, 35, 1463-1473.	2.4	42

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37	Tracing the origin of subduction components beneath the South East rift in the Manus Basin, Papua New Guinea. Chemical Geology, 2010, 269, 339-349.	3.3	41
38	Trace elements in modern and archaeological human teeth: Implications for human metal exposure and enamel diagenetic changes. Journal of Archaeological Science, 2018, 99, 27-34.	2.4	39
39	Advanced Age Is Associated with Iron Dyshomeostasis and Mitochondrial DNA Damage in Human Skeletal Muscle. Cells, 2019, 8, 1525.	4.1	39
40	The Anatomy of a Buried Submarine Hydrothermal System, Clark Volcano, Kermadec Arc, New Zealand. Economic Geology, 2014, 109, 2261-2292.	3.8	38
41	Origin and significance of iceâ€rafted detritus in the Atlantic sector of the Southern Ocean. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	37
42	Detrital mineral chronology of the Uinta Mountain Group: Implications for the Grenville flood in southwestern Laurentia. Geology, 2007, 35, 431.	4.4	36
43	Physical properties, geochemistry, and diagenesis of xenarthran teeth: Prospects for interpreting the paleoecology of extinct species. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 291, 180-189.	2.3	36
44	Sr and Pb isotopic investigation of mammal introductions: Pre-Columbian zoogeographic records from the Lesser Antilles, WestÂIndies. Journal of Archaeological Science, 2016, 69, 39-53.	2.4	36
45	Isotope record of anthropogenic lead pollution in lake sediments of Florida, USA. Journal of Paleolimnology, 2013, 49, 237-252.	1.6	35
46	High-precision Pb isotope measurements reveal magma recharge as a mechanism for ore deposit formation: Examples from Lihir Island and Conical seamount, Papua New Guinea. Chemical Geology, 2005, 219, 131-148.	3.3	34
47	MAFIC MAGMAS AS SOURCES FOR GOLD IN MIDDLE MIOCENE EPITHERMAL DEPOSITS OF THE NORTHERN GREAT BASIN, UNITED STATES: EVIDENCE FROM Pb ISOTOPE COMPOSITIONS OF NATIVE GOLD. Economic Geology, 2007, 102, 1191-1195.	3.8	32
48	Lead (Pb) Isotope Baselines for Studies of Ancient Human Migration and Trade in the Maya Region. PLoS ONE, 2016, 11, e0164871.	2.5	31
49	New isotopic evidence bearing on bonanza (Au-Ag) epithermal ore-forming processes. Mineralium Deposita, 2016, 51, 1-11.	4.1	30
50	Concerns about Quadrupole ICP-MS Lead Isotopic Data and Interpretations in the Environment and Health Fields. International Journal of Environmental Research and Public Health, 2018, 15, 723.	2.6	30
51	Geochemical and Hf–Nd isotopic constraints on the crustal evolution of Archean rocks from the Minnesota River Valley, USA. Precambrian Research, 2013, 224, 36-50.	2.7	29
52	Metalliferous sediments from Eolo Seamount (Tyrrhenian Sea): Hydrothermal deposition and re-deposition in a zone of oxygen depletion. Chemical Geology, 2009, 264, 347-363.	3.3	28
53	HAFNIUM ISOTOPIC COMPOSITIONS OF ZIRCON FROM ADIRONDACK AMCG SUITES: IMPLICATIONS FOR THE PETROGENESIS OF ANORTHOSITES, GABBROS, AND GRANITIC MEMBERS OF THE SUITES. Canadian Mineralogist, 2010, 48, 751-761.	1.0	26
54	Assessing the proposed pre-last glacial maximum human occupation of North America at Coats-Hines-Litchy, Tennessee, and other sites. Quaternary Science Reviews, 2018, 186, 47-59.	3.0	25

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55	Patterns of camelid management in Wari Empire reconstructed using multiple stable isotope analysis: evidence from Castillo de Huarmey, northern coast of Peru. Archaeological and Anthropological Sciences, 2019, 11, 1307-1324.	1.8	25
56	Palaeozoic Lachlan orogen, Australia; accretion and construction of continental crust in a marginal ocean setting: isotopic evidence from Cambrian metavolcanic rocks. Geological Society Special Publication, 2009, 318, 329-349.	1.3	24
57	Metalliferous sediments from the H.M.S. Challenger voyage (1872–1876). Geochimica Et Cosmochimica Acta, 2010, 74, 5019-5038.	3.9	24
58	Insights from Pb Isotopes for Native Gold Formation During Hypogene and Supergene Processes at Rich Hill, Arizona. Economic Geology, 2013, 108, 1577-1589.	3.8	24
59	Children's exposure to environmental lead: A review of potential sources, blood levels, and methods used to reduce exposure. Environmental Research, 2022, 204, 112025.	7.5	24
60	The zooarchaeology and isotopic ecology of the Bahamian hutia (Geocapromys ingrahami): Evidence for pre-Columbian anthropogenic management. PLoS ONE, 2019, 14, e0220284.	2.5	23
61	Sources of Lead in the San Cristobal, Pulacayo, and Potosi Mining Districts, Bolivia, and a Reevaluation of Regional Ore Lead Isotope Provinces. Economic Geology, 2002, 97, 573-592.	3.8	23
62	Ancient lithospheric source for Quaternary lavas in Hispaniola. Nature Geoscience, 2011, 4, 554-557.	12.9	22
63	New U-Pb ages of zircons in the Owk Shale (Kurnool Group) with reflections on proterozoic porcellanites in India. Journal of the Geological Society of India, 2013, 82, 207-216.	1.1	21
64	Middle to late Holocene initiation of the annual flood pulse in Tonle Sap Lake, Cambodia. Journal of Paleolimnology, 2011, 45, 85-99.	1.6	20
65	CHALLENGES IN THE ANALYSIS OF HETEROGENEOUS POTTERY BY <scp>LA</scp> – <scp>lCP</scp> – <scp>MS</scp> : A COMPARISON WITH INAA*. Archaeometry, 2013, 55, 893-909.	1.3	20
66	GEOREFERENCING A COLD CASE VICTIM WITH LEAD, STRONTIUM, CARBON, AND OXYGEN ISOTOPES. Annals of Anthropological Practice, 2014, 38, 137-154.	0.2	20
67	Towards the development of a fossil bone geochemical standard: An inter-laboratory study. Analytica Chimica Acta, 2007, 599, 177-190.	5.4	19
68	Geological and archaeological implications of strontium isotope analysis of exposed bedrock in the Chicxulub crater basin, northwestern Yucatan, Mexico. Geology, 2009, 37, 723-726.	4.4	19
69	Diet and death in times of war: isotopic and osteological analysis of mummified human remains from southern Mongolia. Journal of Archaeological Science, 2012, 39, 3125-3140.	2.4	19
70	The Cobb hot spot: HIMUâ€DMM mixing and melting controlled by a progressively thinning lithospheric lid. Geochemistry, Geophysics, Geosystems, 2014, 15, 3107-3122.	2.5	19
71	Early Yellowstone hotspot magmatism and gold metallogeny. Journal of Volcanology and Geothermal Research, 2009, 188, 214-224.	2.1	18
72	Mineralogical and geochemical investigation of seafloor massive sulfides from Panarea Platform (Aeolian Arc, Tyrrhenian Sea). Chemical Geology, 2013, 335, 136-148.	3.3	18

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73	Petrogenesis of 1000 Ma Felsic Tuffs, Chhattisgarh and Indravati Basins, Bastar Craton, India: Geochemical and Hf Isotope Constraints. Journal of Geology, 2014, 122, 43-54.	1.4	18
74	Altered Expression of Mitoferrin and Frataxin, Larger Labile Iron Pool and Greater Mitochondrial DNA Damage in the Skeletal Muscle of Older Adults. Cells, 2020, 9, 2579.	4.1	18
75	Atacamite and paratacamite from the ultramafic-hosted Logatchev seafloor vent field (14°45′N,) Tj ETQq1 1	0.784314	rgBT /Overla
76	Using Carbon, Oxygen, Strontium, and Lead Isotopes in Modern Human Teeth for Forensic Investigations: A Critical Overview Based on Data from Bulgaria. Journal of Forensic Sciences, 2017, 62, 1452-1459.	1.6	17
77	Sea turtle population structure and connections between oceanic and neritic foraging areas in the Atlantic revealed through trace elements. Marine Ecology - Progress Series, 2013, 490, 233-246.	1.9	17
78	Petrology and geochemistry of Alkaline Basalts and Gabbroic xenoliths from Utila Island (Bay Islands,) Tj ETQq0 0 352-353, 105306.	0 rgBT /O 1.4	verlock 10 T 16
79	Geochemistry and mineralogy of a silica chimney from an inactive seafloor hydrothermal field (East) Tj ETQq1 1 0.	784314 r	gBT /Overloc
80	The first record of a dinosaur from Bulgaria. Lethaia, 2010, 43, 88-94.	1.4	12
81	Mineralogical and geochemical evidence for hydrothermal activity at the west wall of 12°50′N core complex (Mid-Atlantic ridge): A new ultramafic-hosted seafloor hydrothermal deposit?. Marine Geology, 2011, 288, 90-102.	2.1	12
82	Redox changes in a seafloor hydrothermal system recorded in hematite-chalcopyrite chimneys. Chemical Geology, 2018, 483, 351-371.	3.3	12
83	Origin of the Oligocene manganese deposit at Obrochishte (Bulgaria): Insights from C, O, Fe, Sr, Nd, and Pb isotopes. Ore Geology Reviews, 2020, 122, 103550.	2.7	12
84	Anthropogenic Pb in recent hydrothermal sediments from the Tyrrhenian Sea: Implications for seawater Pb control on low-temperature hydrothermal systems. Geology, 2009, 37, 111-114.	4.4	11
85	Trace metal cycling in karst aquifers subject to periodic river water intrusion. Chemical Geology, 2019, 527, 118773.	3.3	11
86	Native copper and α-copper–zinc in sediments from the TAG hydrothermal field (Mid-Atlantic Ridge,) Tj ETQq0	0.0 _{.1} gBT /	Overlock 10
87	Anthropogenic Pb component in hydrothermal ochres from Marsili Seamount (Tyrrhenian Sea). Marine Geology, 2006, 229, 199-208.	2.1	10
88	Climate-induced geochemical and morphological evolution of placer gold deposits at Rich Hill, Arizona, USA. Bulletin of the Geological Society of America, 2017, 129, 193-202.	3.3	10
89	Contemporaneous Paleogene arc-magmatism within continental and accreted oceanic arc complexes in the northwestern Andes and Panama. Lithos, 2019, 348-349, 105185.	1.4	10
90	Gneises bandeados paleoproterozoicos (~1.76â^'1.73 Ga) de la Zona Canteras-Puerto Peñasco: Una nueva ocurrencia de rocas de basamento tipo Yavapai en el NW de Sonora, México. Boletin De La Sociedad Geologica Mexicana, 2009, 61, 375-402.	0.3	10

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91	Identifying oceanic foraging grounds of sea turtles in the Atlantic using lead isotopes. Marine Biology, 2014, 161, 2269-2278.	1.5	9
92	Origin of basal dolomitic claystone in the Marsili Basin, Tyrrhenian Sea. Marine Geology, 2007, 236, 121-141.	2.1	8
93	Nd, Pb, Hf isotope characteristics and provenance of glacial granitic pebbles from Late Ordovician diamictites in the Taurides, S Turkey. Gondwana Research, 2018, 54, 205-216.	6.0	7
94	lsotopic evidence for geographic heterogeneity in Ancient Greek military forces. PLoS ONE, 2021, 16, e0248803.	2.5	7
95	Petrogenesis of basalts along the eastern Woodlark spreading center, equatorial western Pacific. Lithos, 2018, 316-317, 122-136.	1.4	6
96	"Ages and Hf isotopic compositions of detrital zircons in the Pinal schist, southern Arizona, USA: Provenance, tectonic setting, and evidence for pre-1.7†Ga crust in SW Laurentia― Precambrian Research, 2019, 331, 105374.	2.7	6
97	Pre-Columbian lead pollution from Native American galena processing and land use in the midcontinental United States. Geology, 2019, 47, 1193-1197.	4.4	6
98	Appearance of an enigmatic Pb source in South America around 2000 BP: Anthropogenic vs natural origin. Geochimica Et Cosmochimica Acta, 2020, 276, 122-134.	3.9	6
	Non-Local Enemies or Local Subjects of Violence?: Using Strontium (87Sr/86Sr) and Lead (206Pb/204Pb,) Tj ETQ	q1 1 0.78	4314 rgBT /O
99	Mobility of Decapitated Male Heads from the Majes Valley, Peru. Journal of Archaeological Method and Theory. 2022. 29. 426-479.	3.0	6
100	Sorosite (ÎCu6Sn5)-bearing native tin and lead assemblage from the Mir zone (Mid-Atlantic Ridge, 26°N). Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2001, 24, 205-220.	0.7	5
101	Investigating the identities of isolated crania in the Lower Illinois River Valley through multi-isotopic analysis. Journal of Archaeological Science: Reports, 2017, 13, 312-321.	0.5	5
102	Element enrichment and provenance of the detrital component in Holocene sediments from the western Black Sea. Oceanologia, 2020, 62, 139-163.	2.2	4
103	Combined U-Pb ages and Lu-Hf systematics of detrital zircons from Early Cambrian Gondwanan siliciclastic rocks in S Turkey: Provenance and correlations with coeval successions in peri-Gondwanan terranes. Gondwana Research, 2022, 107, 423-450.	6.0	4
104	87Sr/86Sr and 14C evidence for peccary (Tayassuidae) introduction challenges accepted historical interpretation of the 1657 Ligon map of Barbados. PLoS ONE, 2019, 14, e0216458.	2.5	3
105	Production origins and matrix constituents of spiculate pottery in Florida, USA: Defining ubiquitous St Johns ware by LA-ICP-MS and XRD. Journal of Archaeological Science: Reports, 2019, 24, 313-323.	0.5	3
106	Comparison of human and faunal enamel isotopes reveals diverse paleodiet and exchange patterns at the highland Maya Site of Kaminaljuyu, Guatemala. Archaeological and Anthropological Sciences, 2022, 14, 1.	1.8	3
107	Compositional heterogeneity of the 3.4 km3 Blue Dragon flow, Craters of the Moon Volcanic Field, Idaho. Journal of Volcanology and Geothermal Research, 2019, 388, 106690.	2.1	2
108	"The dead shall be raised": Multidisciplinary analysis of human skeletons reveals complexity in 19th century immigrant socioeconomic history and identity in New Haven, Connecticut. PLoS ONE, 2019, 14, e0219279.	2.5	2

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109	Native Sn–Pb droplets in a zeolitic amygdale (Isle of Mull, Inner Hebrides). Geochimica Et Cosmochimica Acta, 2009, 73, 2907-2919.	3.9	1
110	Seawater Pb isotopes extracted from Cenozoic marine sediments. Chemical Geology, 2011, , .	3.3	1
111	A preliminary multi-isotope assessment of human mobility and diet in pre-Columbian Panama. Journal of Archaeological Science: Reports, 2021, 36, 102876.	0.5	1
112	Deciphering the origin of small metal artefacts from Castillo de Huarmey (Peru) with Pb, Cu, and Ag isotopes. Archaeometry, 2022, 64, 1168-1186.	1.3	1
113	Detrital Zircons Reveal Evidence of Hadean Crust in the Singhbhum Craton, India: A Reply. Journal of Geology, 2019, 127, 387-392.	1.4	Ο
114	The Galvanic Effect of Titanium and Amalgam in the Oral Environment. Materials, 2020, 13, 4425.	2.9	0