

Philippe Telouk

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	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.	2.0	13
2	Lithium isotopic composition of reference materials of biological origin TORT-2, DORM-2, TORT-3, DORM-4, SRM-1400 and ERM-CE278k. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1381-1388.	1.6	6
3	Sampling and combined Pb and Ag isotopic analysis of ancient silver coins and ores. <i>Chemical Geology</i> , 2021, 564, 120028.	1.4	17
4	Changes of Cadmium Storage Forms and Isotope Ratios in Rice During Grain Filling. <i>Frontiers in Plant Science</i> , 2021, 12, 645150.	1.7	22
5	Bioaccumulation of Lithium Isotopes in Mussel Soft Tissues and Implications for Coastal Environments. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1407-1417.	1.2	27
6	Multi-element (¹³ C, ² H and ³⁴ S) bulk and compound-specific stable isotope analysis for authentication of Allium species essential oils. <i>Food Control</i> , 2021, 126, 108086.	2.8	10
7	The significance of galena Pb model ages and the formation of large Pb-Zn sedimentary deposits. <i>Chemical Geology</i> , 2021, 583, 120444.	1.4	11
8	A heavy metal baseline score predicts outcome in acute myeloid leukemia. <i>American Journal of Hematology</i> , 2020, 95, 422-434.	2.0	12
9	Lead isotopes as tracers of crude oil migration within deep crustal fluid systems. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115747.	1.8	10
10	Copper isotopes as possible neoplasia biomarkers in captive wild felids. <i>Zoo Biology</i> , 2019, 38, 371-383.	0.5	6
11	Questioning Fe isotopes as a provenance tool: Insights from bog iron ores and alternative applications in archeometry. <i>Journal of Archaeological Science</i> , 2019, 101, 52-62.	1.2	14
12	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.	1.4	13
13	Medical Applications of Isotope Metallomics. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 82, 851-885.	2.2	41
14	Hypoxia induces copper stable isotope fractionation in hepatocellular carcinoma, in a HIF-independent manner. <i>Metallomics</i> , 2016, 8, 1177-1184.	1.0	32
15	Medical applications of Cu, Zn, and S isotope effects. <i>Metallomics</i> , 2016, 8, 1056-1070.	1.0	66
16	Strontium isotopes and the long-term residency of thalattosuchians in the freshwater environment. <i>Paleobiology</i> , 2016, 42, 143-156.	1.3	30
17	Sulfur isotope analysis by MC-ICP-MS and application to small medical samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1002-1011.	1.6	30
18	Precise analysis of calcium stable isotope variations in biological apatites using laser ablation MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 152-162.	1.6	49

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19	Francisella tularensis IgG Belongs to a Novel Family of PAAR-Like T6SS Proteins and Harbors a Unique N-terminal Extension Required for Virulence. PLoS Pathogens, 2016, 12, e1005821.	2.1	41
20	Natural variations of copper and sulfur stable isotopes in blood of hepatocellular carcinoma patients. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 982-985.	3.3	133
21	Instrumental isotope fractionation in multiple-collector icp-ms. Journal of Analytical Atomic Spectrometry, 2015, 30, 1736-1742.	1.6	31
22	The lunar neutron energy spectrum inferred from the isotope compositions of rare-earth elements and hafnium in Apollo samples. Earth and Planetary Science Letters, 2015, 429, 147-156.	1.8	5
23	Copper isotope effect in serum of cancer patients. A pilot study. Metallomics, 2015, 7, 299-308.	1.0	99
24	A simplified protocol for measurement of Ca isotopes in biological samples. Journal of Analytical Atomic Spectrometry, 2014, 29, 529.	1.6	60
25	Contrasting Cu, Fe, and Zn isotopic patterns in organs and body fluids of mice and sheep, with emphasis on cellular fractionation. Metallomics, 2013, 5, 1470.	1.0	111
26	Is aging recorded in blood Cu and Zn isotope compositions?. Metallomics, 2013, 5, 1016-1024.	1.0	60
27	Evidence for dietary change but not landscape use in South African early hominins. Nature, 2012, 489, 558-560.	13.7	84
28	Fe and Cu stable isotopes in archeological human bones and their relationship to sex. American Journal of Physical Anthropology, 2012, 148, 334-340.	2.1	60
29	Miocene to recent alkaline volcanism between Al Haruj and Waw an Namous (southern Libya). International Journal of Earth Sciences, 2012, 101, 1047-1063.	0.9	32
30	Isotopic evidence of unaccounted for Fe and Cu erythropoietic pathways. Metallomics, 2011, 3, 926.	1.0	104
31	Enhanced Atlantic Meridional Overturning Circulation supports the Last Glacial Inception. Quaternary Science Reviews, 2011, 30, 1576-1582.	1.4	28
32	Isotopic Ag-Cu-Pb record of silver circulation through 16th-18th century Spain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9002-9007.	3.3	93
33	Isotopic fractionation of Cu in tektites. Geochimica Et Cosmochimica Acta, 2010, 74, 799-807.	1.6	66
34	The early formation of the IVA iron meteorite parent body. Earth and Planetary Science Letters, 2010, 296, 469-480.	1.8	46
35	Volatilization induced by impacts recorded in Zn isotope composition of ureilites. Chemical Geology, 2010, 276, 374-379.	1.4	46
36	Experimental and Theoretical Investigation of Isotope Fractionation of Zinc between Aqua, Chloro, and Macrocyclic Complexes. Journal of Physical Chemistry A, 2010, 114, 2543-2552.	1.1	70

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37	Pb isotope geochemistry of Piton de la Fournaise historical lavas. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 184, 63-78.	0.8	41
38	Mass-independent isotopic fractionation of tin in chemical exchange reaction using a crown ether. <i>Analytica Chimica Acta</i> , 2009, 632, 234-239.	2.6	29
39	A tungsten isotope approach to search for meteoritic components in terrestrial impact rocks. <i>Earth and Planetary Science Letters</i> , 2009, 286, 35-40.	1.8	14
40	Nuclear field shift effect in the isotope exchange reaction of cadmium using a crown ether. <i>Chemical Geology</i> , 2009, 267, 157-163.	1.4	23
41	Pb, Hf and Nd isotope compositions of the two Réunion volcanoes (Indian Ocean): A tale of two small-scale mantle "œbobs"? <i>Earth and Planetary Science Letters</i> , 2008, 265, 748-765.	1.8	85
42	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.	1.8	73
43	Analysis of coupled Sr/Ca and ⁸⁷ Sr/ ⁸⁶ Sr variations in enamel using laser-ablation tandem quadrupole-multicollector ICPMS. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3980-3990.	1.6	32
44	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.	1.6	114
45	Mass-Independent Isotope Fractionation of Molybdenum and Ruthenium and the Origin of Isotopic Anomalies in Murchison. <i>Astrophysical Journal</i> , 2006, 647, 1506-1516.	1.6	48
46	Isotope Fractionation of Iron(III) in Chemical Exchange Reactions Using Solvent Extraction with Crown Ether. <i>Journal of Physical Chemistry A</i> , 2006, 110, 11108-11112.	1.1	24
47	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.	1.6	41
48	Comment to "œPb isotopic analysis of standards and samples using a ²⁰⁷ Pb- ²⁰⁴ Pb double spike and thallium to correct for mass bias with a double-focusing MC-ICP-MS" by Baker et al.. <i>Chemical Geology</i> , 2005, 217, 171-174.	1.4	14
49	Precise and accurate isotopic measurements using multiple-collector ICPMS. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2725-2744.	1.6	474
50	¹⁴² Nd evidence for early Earth differentiation. <i>Earth and Planetary Science Letters</i> , 2003, 214, 427-442.	1.8	169
51	¹¹ B/ ¹⁰ B analysis of geological materials by ICP-MS Plasma 54: Application to the boron fractionation between brachiopod calcite and seawater. <i>Chemical Geology</i> , 2002, 186, 45-55.	1.4	101
52	New Lu-Hf and Pb-Pb age constraints on the earliest animal fossils. <i>Earth and Planetary Science Letters</i> , 2002, 201, 203-212.	1.8	223
53	¹⁴⁷ Sm- ¹⁴³ Nd and ¹⁷⁶ Lu- ¹⁷⁶ Hf in eucrites and the differentiation of the HED parent body. <i>Earth and Planetary Science Letters</i> , 2002, 204, 167-181.	1.8	171
54	High-precision analysis of Pb isotope ratios by multi-collector ICP-MS. <i>Chemical Geology</i> , 2000, 167, 257-270.	1.4	491

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55	Zr isotope anomalies in chondrites and the presence of ⁹² Nb in the early solar system. <i>Earth and Planetary Science Letters</i> , 2000, 184, 75-81.	1.8	42
56	Precise analysis of copper and zinc isotopic compositions by plasma-source mass spectrometry. <i>Chemical Geology</i> , 1999, 156, 251-273.	1.4	1,142
57	The Lu- ¹⁷⁶ Hf isotope geochemistry of shergottites and the evolution of the Martian mantle-crust system. <i>Earth and Planetary Science Letters</i> , 1999, 173, 25-39.	1.8	153
58	Precise and accurate neodymium isotopic measurements by plasma-source mass spectrometry. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4847-4854.	1.6	123
59	Determination of U and Th at ultra-trace levels by isotope dilution inductively coupled plasma mass spectrometry using a geysier-type ultrasonic nebulizer: application to geological samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1997, 52, 1783-1789.	1.5	35
60	Direct determination of the samarium: neodymium ratio in geological materials by inductively coupled plasma quadrupole mass spectrometry with cryogenic desolvation. Comparison with isotope dilution thermal ionization mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1995, 10, 93.	1.6	35
61	Application of laser ablation ICP-MS to elemental analysis of glasses. <i>Mikrochimica Acta</i> , 1993, 110, 151-160.	2.5	14
62	Isotope dilution inductively coupled plasma mass spectrometry: a straightforward method for rapid and accurate determination of uranium and thorium in silicate rocks. <i>Analytica Chimica Acta</i> , 1992, 256, 153-161.	2.6	24