Yann Sivry

List of Publications by Year
in descending order

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40	1,114	394421	395702
papers	citations	19 h-index	33 g-index

40	40	40	1463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zn isotopes as tracers of anthropogenic pollution from Zn-ore smelters The Riou Mortâ€“Lot River system. Chemical Geology, 2008, 255, 295-304.	3.3	145
2	Historical variations in the isotopic composition of atmospheric zinc deposition from a zinc smelter. Chemical Geology, 2008, 252, 145-157.	3.3	133
3	Effect of dissolved organic matter composition on metal speciation in soil solutions. Chemical Geology, 2015, 398, 61-69.	3.3	102
4	Nickel isotope fractionation during tropical weathering of ultramafic rocks. Chemical Geology, 2015, 402, 68-76.	3.3	83
5	Application of Zn isotopes in environmental impact assessment of Znâ€“Pb metallurgical industries: A mini review. Applied Geochemistry, 2016, 64, 128-135.	3.0	54
6	Uncoated and coated ZnO nanoparticle life cycle in synthetic seawater. Environmental Toxicology and Chemistry, 2014, 33, 341-349.	4.3	37
7	Mechanistic studies on the bioremediation of Cr(VI) using Sphingopyxis macrogoltabida SUK2c, a Cr(VI) tolerant bacterial isolate. Biochemical Engineering Journal, 2019, 150, 107292.	3.6	37
8	Nickel isotope fractionation during laterite Ni ore smelting and refining: Implications for tracing the sources of Ni in smelter-affected soils. Applied Geochemistry, 2016, 64, 136-145.	3.0	35
9	Behavior and fate of industrial zinc oxide nanoparticles in a carbonate-rich river water. Chemosphere, 2014, 95, 519-526.	8.2	33
10	Electroanalytical Detection of Cr(VI) and Cr(III) Ions Using a Novel Microbial Sensor. Electroanalysis, 2017, 29, 1222-1231.	2.9	31
11	Bioweathering of lead blast furnace metallurgical slags by Pseudomonas aeruginosa. International Biodeterioration and Biodegradation, 2014, 86, 372-381.	3.9	28
12	Multiâ€element stable isotopic dilution and multiâ€surface modelling to assess the speciation and reactivity of cadmium and copper in soil. European Journal of Soil Science, 2015, 66, 973-982.	3.9	28
13	Evaluation on chemical stability of lead blast furnace (LBF) and imperial smelting furnace (ISF) slags. Journal of Environmental Management, 2016, 180, 310-323.	7.8	27
14	Speciation and reactivity of lead and zinc in heavily and poorly contaminated soils: Stable isotope dilution, chemical extraction and model views. Environmental Pollution, 2017, 225, 654-662.	7.5	27
15	Multimetallic contamination from Zn-ore smelter: solid speciation and potential mobility in riverine floodbank soils of the upper Lot River (SW France). European Journal of Mineralogy, 2010, 22, 679-691.	1.3	22
16	Metals in the Aquatic Environmentâ€”Interactions and Implications for the Speciation and Bioavailability: A Critical Overview. Aquatic Geochemistry, 2015, 21, 231-257.	1.3	22
17	Size-dependent ecotoxicity of barium titanate particles: the case of Chlorella vulgaris green algae. Ecotoxicology, 2015, 24, 938-948.	2.4	21
18	Exploring Cd, Cu, Pb, and Zn dynamic speciation in mining and smelting-contaminated soils with stable isotopic exchange kinetics. Applied Geochemistry, 2016, 64, 157-163.	3.0	20

#	Article	IF	Citations
19	Isotopically Labeled Nanoparticles at Relevant Concentrations: How Low Can We Go? The Case of CdSe/ZnS QDs in Surface Waters. Environmental Science & Technology, 2019, 53, 2586-2594.	10.0	20
20	Bio-alteration of metallurgical wastes by Pseudomonas aeruginosa in a semi flow-through reactor. Journal of Environmental Management, 2015, 147, 297-305.	7.8	19
21	Characterization of polymer-coated CdSe/ZnS quantum dots and investigation of their behaviour in soil solution at relevant concentration by asymmetric flow field-flow fractionation â€“ multi angle light scattering â€“ inductively coupled plasma - mass spectrometry. Analytica Chimica Acta, 2018, 1028, 104-112.	5.4	19
22	uFREASI: user-FRiendly Elemental dAta procesSIng. A free and easy-to-use tool for elemental data treatment. Microchemical Journal, 2015, 121, 32-40.	4.5	17
23	(Bio)leaching Behavior of Chromite Tailings. Minerals (Basel, Switzerland), 2018, 8, 261.	2.0	17
24	Multielementary (Cd, Cu, Pb, Zn, Ni) Stable Isotopic Exchange Kinetic (SIEK) Method To Characterize Polymetallic Contaminations. Environmental Science & Technology, 2011, 45, 6247-6253.	10.0	15
25	Colloids and suspended particulate matters influence on Ni availability in surface waters of impacted ultramafic systems in Brazil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 435, 36-47.	4.7	14
26	Zn isotopes fractionation during slags' weathering: One source of contamination, multiple isotopic signatures. Chemosphere, 2018, 195, 483-490.	8.2	14
27	Element variability in lacustrine systems of Terra Nova Bay (Antarctica) and concentration evolution in surface waters. Chemosphere, 2017, 180, 343-355.	8.2	12
28	Study of Ni exchangeable pool speciation in ultramafic and mining environments with isotopic exchange kinetic data and models. Applied Geochemistry, 2016, 64, 146-156.	3.0	11
29	Tracing multi-isotopically labelled CdSe/ZnS quantum dots in biological media. Scientific Reports, 2020, 10, 2866.	3.3	11
30	Chromium mobility in ultramafic areas affected by mining activities in Barro Alto massif, Brazil: An isotopic study. Chemical Geology, 2021, 561, 120000.	3.3	11
31	Study of exchangeable metal on colloidal humic acids and particulate matter by coupling ultrafiltration and isotopic tracers: Application to natural waters. Journal of Geochemical Exploration, 2006, 88, 144-147.	3.2	9
32	An Isotopic Exchange Kinetic Model to Assess the Speciation of Metal Available Pool in Soil: The Case of Nickel. Environmental Science & Technology, 2016, 50, 12848-12856.	10.0	9
33	Testing nanoeffect onto model bacteria: Impact of speciation and genotypes. Nanotoxicology, 2016, 10, 216-225.	3.0	7
34	Assessing CeO2 and TiO2 Nanoparticle Concentrations in the Seine River and Its Tributaries Near Paris. Frontiers in Environmental Science, 2021, 8, .	3.3	6
35	The Fate of Polyol-Made ZnO and CdS Nanoparticles in Seine River Water (Paris, France). Journal of Nanoscience and Nanotechnology, 2015, 15, 3900-3908.	0.9	5
36	Mobility and transformation of CdSe/ZnS quantum dots in soil: Role of the capping ligands and ageing effect. Chemosphere, 2020, 254, 126868.	8.2	5

#	Article	IF	Citations
37	Assessing chromium mobility in natural surface waters: Colloidal contribution to the isotopically exchangeable pool of chromium (EwCr value). Applied Geochemistry, 2018, 92, 19-29.	3.0	4
38	Assembly and Characterizations of Bifunctional Fluorescent and Magnetic Microneedles With One Decade Length Tunability. Advanced Functional Materials, 2017, 27, 1700362.	14.9	2
39	Geochemistry of Engineered Nanoparticles (CdSe/ZnS Quantum Dots) in Surface Waters. Frontiers in Environmental Science, 2020, 8, .	3.3	1
40	Lead and Zinc Metallurgical Slags Mineralogy and Weathering. Environmental Chemistry for A Sustainable World, 2017, , 133-160.	0.5	1