

Yann Sivry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/206038/publications.pdf>

Version: 2024-02-01

40
papers

1,114
citations

394421

19
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromium mobility in ultramafic areas affected by mining activities in Barro Alto massif, Brazil: An isotopic study. <i>Chemical Geology</i> , 2021, 561, 120000.	3.3	11
2	Assessing CeO ₂ and TiO ₂ Nanoparticle Concentrations in the Seine River and Its Tributaries Near Paris. <i>Frontiers in Environmental Science</i> , 2021, 8, .	3.3	6
3	Geochemistry of Engineered Nanoparticles (CdSe/ZnS Quantum Dots) in Surface Waters. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	1
4	Mobility and transformation of CdSe/ZnS quantum dots in soil: Role of the capping ligands and ageing effect. <i>Chemosphere</i> , 2020, 254, 126868.	8.2	5
5	Tracing multi-isotopically labelled CdSe/ZnS quantum dots in biological media. <i>Scientific Reports</i> , 2020, 10, 2866.	3.3	11
6	Mechanistic studies on the bioremediation of Cr(VI) using <i>Sphingopyxis macrogoltabida</i> SUK2c, a Cr(VI) tolerant bacterial isolate. <i>Biochemical Engineering Journal</i> , 2019, 150, 107292.	3.6	37
7	Isotopically Labeled Nanoparticles at Relevant Concentrations: How Low Can We Go? The Case of CdSe/ZnS QDs in Surface Waters. <i>Environmental Science & Technology</i> , 2019, 53, 2586-2594.	10.0	20
8	Assessing chromium mobility in natural surface waters: Colloidal contribution to the isotopically exchangeable pool of chromium (EwCr value). <i>Applied Geochemistry</i> , 2018, 92, 19-29.	3.0	4
9	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 " multi angle light scattering " inductively coupled plasma - mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1028, 104-112.	5.4	19
10	Zn isotopes fractionation during slags' weathering: One source of contamination, multiple isotopic signatures. <i>Chemosphere</i> , 2018, 195, 483-490.	8.2	14
11	(Bio)leaching Behavior of Chromite Tailings. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 261.	2.0	17
12	Electroanalytical Detection of Cr(VI) and Cr(III) Ions Using a Novel Microbial Sensor. <i>Electroanalysis</i> , 2017, 29, 1222-1231.	2.9	31
13	Element variability in lacustrine systems of Terra Nova Bay (Antarctica) and concentration evolution in surface waters. <i>Chemosphere</i> , 2017, 180, 343-355.	8.2	12
14	Speciation and reactivity of lead and zinc in heavily and poorly contaminated soils: Stable isotope dilution, chemical extraction and model views. <i>Environmental Pollution</i> , 2017, 225, 654-662.	7.5	27
15	Assembly and Characterizations of Bifunctional Fluorescent and Magnetic Microneedles With One Decade Length Tunability. <i>Advanced Functional Materials</i> , 2017, 27, 1700362.	14.9	2
16	Lead and Zinc Metallurgical Slags Mineralogy and Weathering. <i>Environmental Chemistry for A Sustainable World</i> , 2017, , 133-160.	0.5	1
17	Evaluation on chemical stability of lead blast furnace (LBF) and imperial smelting furnace (ISF) slags. <i>Journal of Environmental Management</i> , 2016, 180, 310-323.	7.8	27
18	An Isotopic Exchange Kinetic Model to Assess the Speciation of Metal Available Pool in Soil: The Case of Nickel. <i>Environmental Science & Technology</i> , 2016, 50, 12848-12856.	10.0	9

#	ARTICLE	IF	CITATIONS
19	Testing nanoeffect onto model bacteria: Impact of speciation and genotypes. <i>Nanotoxicology</i> , 2016, 10, 216-225.	3.0	7
20	Study of Ni exchangeable pool speciation in ultramafic and mining environments with isotopic exchange kinetic data and models. <i>Applied Geochemistry</i> , 2016, 64, 146-156.	3.0	11
21	Application of Zn isotopes in environmental impact assessment of Zn–Pb metallurgical industries: A mini review. <i>Applied Geochemistry</i> , 2016, 64, 128-135.	3.0	54
22	Nickel isotope fractionation during laterite Ni ore smelting and refining: Implications for tracing the sources of Ni in smelter-affected soils. <i>Applied Geochemistry</i> , 2016, 64, 136-145.	3.0	35
23	Exploring Cd, Cu, Pb, and Zn dynamic speciation in mining and smelting-contaminated soils with stable isotopic exchange kinetics. <i>Applied Geochemistry</i> , 2016, 64, 157-163.	3.0	20
24	Multi-element stable isotopic dilution and multi-surface modelling to assess the speciation and reactivity of cadmium and copper in soil. <i>European Journal of Soil Science</i> , 2015, 66, 973-982.	3.9	28
25	Effect of dissolved organic matter composition on metal speciation in soil solutions. <i>Chemical Geology</i> , 2015, 398, 61-69.	3.3	102
26	uFREASI: user-FRIendly Elemental dAta procesSIng. A free and easy-to-use tool for elemental data treatment. <i>Microchemical Journal</i> , 2015, 121, 32-40.	4.5	17
27	Nickel isotope fractionation during tropical weathering of ultramafic rocks. <i>Chemical Geology</i> , 2015, 402, 68-76.	3.3	83
28	Size-dependent ecotoxicity of barium titanate particles: the case of <i>Chlorella vulgaris</i> green algae. <i>Ecotoxicology</i> , 2015, 24, 938-948.	2.4	21
29	The Fate of Polyol-Made ZnO and CdS Nanoparticles in Seine River Water (Paris, France). <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3900-3908.	0.9	5
30	Metals in the Aquatic Environment—Interactions and Implications for the Speciation and Bioavailability: A Critical Overview. <i>Aquatic Geochemistry</i> , 2015, 21, 231-257.	1.3	22
31	Bio-alteration of metallurgical wastes by <i>Pseudomonas aeruginosa</i> in a semi flow-through reactor. <i>Journal of Environmental Management</i> , 2015, 147, 297-305.	7.8	19
32	Behavior and fate of industrial zinc oxide nanoparticles in a carbonate-rich river water. <i>Chemosphere</i> , 2014, 95, 519-526.	8.2	33
33	Uncoated and coated ZnO nanoparticle life cycle in synthetic seawater. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 341-349.	4.3	37
34	Bioweathering of lead blast furnace metallurgical slags by <i>Pseudomonas aeruginosa</i> . <i>International Biodeterioration and Biodegradation</i> , 2014, 86, 372-381.	3.9	28
35	Colloids and suspended particulate matters influence on Ni availability in surface waters of impacted ultramafic systems in Brazil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 435, 36-47.	4.7	14
36	Multielementary (Cd, Cu, Pb, Zn, Ni) Stable Isotopic Exchange Kinetic (SIEK) Method To Characterize Polymetallic Contaminations. <i>Environmental Science & Technology</i> , 2011, 45, 6247-6253.	10.0	15

#	ARTICLE	IF	CITATIONS
37	Multimetallic contamination from Zn-ore smelter: solid speciation and potential mobility in riverine floodbank soils of the upper Lot River (SW France). <i>European Journal of Mineralogy</i> , 2010, 22, 679-691.	1.3	22
38	Historical variations in the isotopic composition of atmospheric zinc deposition from a zinc smelter. <i>Chemical Geology</i> , 2008, 252, 145-157.	3.3	133
39	Zn isotopes as tracers of anthropogenic pollution from Zn-ore smelters The Riou Mortâ€“Lot River system. <i>Chemical Geology</i> , 2008, 255, 295-304.	3.3	145
40	Study of exchangeable metal on colloidal humic acids and particulate matter by coupling ultrafiltration and isotopic tracers: Application to natural waters. <i>Journal of Geochemical Exploration</i> , 2006, 88, 144-147.	3.2	9