

# Olivier Pourret

## 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.

70  
papers

2,242  
citations

28  
h-index

46  
g-index

105  
ext. papers

2,599  
ext. citations

6  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
70	Open Access in Geochemistry from Preprints to Data Sharing: Past, Present, and Future. <i>Publications</i> , <b>2022</b> , 10, 3	1.7	1
69	Geochemical signatures of rare earth elements and yttrium exploited by acid solution mining around an ion-adsorption type deposit: Role of source control and potential for recovery. <i>Science of the Total Environment</i> , <b>2022</b> , 804, 150241	10.2	3
68	Toward More Inclusive Metrics and Open Science to Measure Research Assessment in Earth and Natural Sciences.. <i>Frontiers in Research Metrics and Analytics</i> , <b>2022</b> , 7, 850333	1.3	0
67	Biogeosciences Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science. <i>Earth and Space Science</i> , <b>2022</b> , 9,	3.1	5
66	Effect of substrate properties and phosphorus supply on facilitating the uptake of rare earth elements (REE) in mixed culture cropping systems of <i>Hordeum vulgare</i> , <i>Lupinus albus</i> and <i>Lupinus angustifolius</i> .. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
65	Radiogenic isotope: Not just about words. <i>Applied Geochemistry</i> , <b>2022</b> , 142, 105348	3.5	
64	Does carbon dioxide storage by cyanobacteria induce biomineralization in presence of basaltic glass?. <i>Geochemical Journal</i> , <b>2021</b> , 55, 51-58	0.9	
63	Element Case Studies: Cobalt. <i>Mineral Resource Reviews</i> , <b>2021</b> , 385-391	0.5	
62	Heavy metal: a misused term?. <i>Acta Geochimica</i> , <b>2021</b> , 40, 466-471	2.2	13
61	Diversity Among Editorial Boards of Elements and Other Selected Geochemistry, Cosmochemistry, Mineralogy and Petrology Journals. <i>Elements</i> , <b>2021</b> , 17, 150-152	3.8	
60	Diversity, equity, and inclusion: Tackling under-representation and recognition of talents in geochemistry and cosmochemistry. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 310, 363-371	5.5	2
59	Distribution of rare earth elements in sediments of the North China Plain: A probe of sedimentation process. <i>Applied Geochemistry</i> , <b>2021</b> , 134, 105089	3.5	4
58	Our Study is Published, But the Journey is Not Finished!. <i>Elements</i> , <b>2020</b> , 16, 229-230	3.8	3
57	On the Potential of Preprints in Geochemistry: The Good, the Bad, and the Ugly. <i>Sustainability</i> , <b>2020</b> , 12, 3360	3.6	1
56	Global Flow of Scholarly Publishing And Open Access. <i>Elements</i> , <b>2020</b> , 16, 6-7	3.8	4
55	The growth of open access publishing in geochemistry. <i>Results in Geochemistry</i> , <b>2020</b> , 1, 100001	2	3
54	Open Access publishing practice in geochemistry: overview of current state and look to the future. <i>Heliyon</i> , <b>2020</b> , 6, e03551	3.6	5

53	Fertilizer Potential of Struvite as Affected by Nitrogen Form in the Rhizosphere. <i>Sustainability</i> , <b>2020</b> , 12, 2212	3.6	7
52	Comments on "Factors affecting global flow of scientific knowledge in environmental sciences" by Sonne et al. (2020). <i>Science of the Total Environment</i> , <b>2020</b> , 721, 136454	10.2	5
51	Role of Manganese Oxyhydroxides in the Transport of Rare Earth Elements Along a Groundwater Flow Path. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	6
50	Behavior of rare earth elements in an aquifer perturbed by CO injection: Environmental implications. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 978-990	10.2	12
49	It's Time to Replace the Term "Heavy Metals" with "Potentially Toxic Elements" When Reporting Environmental Research. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	64
48	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2019</b> , 2019,	5	4
47	Mobility of copper and cobalt in metalliferous ecosystems: Results of a lysimeter study in the Lubumbashi Region (Democratic Republic of Congo). <i>Journal of Geochemical Exploration</i> , <b>2019</b> , 196, 208-218	3.8	8
46	Extraction and separation of rare earth elements from hydrothermal metalliferous sediments. <i>Minerals Engineering</i> , <b>2018</b> , 118, 106-121	4.9	28
45	Characterization of metal binding sites onto biochar using rare earth elements as a fingerprint. <i>Heliyon</i> , <b>2018</b> , 4, e00543	3.6	31
44	Element Case Studies: Cobalt and Copper. <i>Mineral Resource Reviews</i> , <b>2018</b> , 233-239	0.5	2
43	"Heavy metal" - What to do now: To use or not to use?. <i>Science of the Total Environment</i> , <b>2018</b> , 610-611, 419-420	10.2	34
42	Effect of Cadmium, Copper and Lead on the Growth of Rice in the Coal Mining Region of Quang Ninh, Cam-Pha (Vietnam). <i>Sustainability</i> , <b>2018</b> , 10, 1758	3.6	15
41	Effect of rare earth elements on rice plant growth. <i>Chemical Geology</i> , <b>2018</b> , 489, 28-37	4.2	25
40	On the Necessity of Banning the Term "Heavy Metal" from the Scientific Literature. <i>Sustainability</i> , <b>2018</b> , 10, 2879	3.6	20
39	Impact of Hydrous Manganese and Ferric Oxides on the Behavior of Aqueous Rare Earth Elements (REE): Evidence from a Modeling Approach and Implication for the Sink of REE. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	5
38	Rare earth elements sorption to iron oxyhydroxide: Model development and application to groundwater. <i>Applied Geochemistry</i> , <b>2017</b> , 87, 158-166	3.5	47
37	Aqueous chemistry of Ce(IV): estimations using actinide analogues. <i>Dalton Transactions</i> , <b>2017</b> , 46, 13553-13561	4.3	23
36	Continental shelves as potential resource of rare earth elements. <i>Scientific Reports</i> , <b>2017</b> , 7, 5857	4.9	26

35	A new discrimination scheme for oceanic ferromanganese deposits using high field strength and rare earth elements. <i>Ore Geology Reviews</i> , <b>2017</b> , 87, 3-15	3.2	75
34	Negative cerium anomalies in manganese (hydr)oxide precipitates due to cerium oxidation in the presence of dissolved siderophores. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 196, 197-208	5.5	42
33	Copper and cobalt accumulation in plants: a critical assessment of the current state of knowledge. <i>New Phytologist</i> , <b>2017</b> , 213, 537-551	9.8	135
32	Copper and cobalt mobility in soil and accumulation in a metallophyte as influenced by experimental manipulation of soil chemical factors. <i>Chemosphere</i> , <b>2016</b> , 146, 75-84	8.4	36
31	Implication of plant-soil relationships for conservation and restoration of copper-cobalt ecosystems. <i>Plant and Soil</i> , <b>2016</b> , 403, 153-165	4.2	22
30	Assessment of soil metal distribution and environmental impact of mining in Katanga (Democratic Republic of Congo). <i>Applied Geochemistry</i> , <b>2016</b> , 64, 43-55	3.5	71
29	Evaluation of the impact of organic matter composition on metal speciation in calcareous soil solution: Comparison of Model VI and NICA-Donnan. <i>Journal of Geochemical Exploration</i> , <b>2016</b> , 165, 1-7	3.8	11
28	Lead distribution in soils impacted by a secondary lead smelter: Experimental and modelling approaches. <i>Science of the Total Environment</i> , <b>2016</b> , 568, 155-163	10.2	16
27	Biogeochemical Factors Affecting Rare Earth Element Distribution in Shallow Wetland Groundwater. <i>Aquatic Geochemistry</i> , <b>2015</b> , 21, 197-215	1.7	41
26	Rare earth elements in French stream waters [Revisiting the geochemical continental cycle using FOREGS dataset. <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 157, 132-142	3.8	14
25	Rare earth element fractionation in heterogenite (CoOOH): implication for cobalt oxidized ore in the Katanga Copperbelt (Democratic Republic of Congo). <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 159, 290-301	3.8	26
24	Modeling of cobalt and copper speciation in metalliferous soils from Katanga (Democratic Republic of Congo). <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 149, 87-96	3.8	24
23	Prediction of the edaphic factors influence upon the copper and cobalt accumulation in two metallophytes using copper and cobalt speciation in soils. <i>Plant and Soil</i> , <b>2014</b> , 379, 275-287	4.2	36
22	Modeling of rare earth element sorption to the Gram positive <i>Bacillus subtilis</i> bacteria surface. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 413, 106-111	9.3	30
21	Geochemical modeling of Fe(II) binding to humic and fulvic acids. <i>Chemical Geology</i> , <b>2014</b> , 372, 109-118	4.2	78
20	Assessment of soil contamination around an abandoned mine in a semi-arid environment using geochemistry and geostatistics: Pre-work of geochemical process modeling with numerical models. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 125, 117-129	3.8	97
19	Rare earth element sorption onto hydrous manganese oxide: a modeling study. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 395, 18-23	9.3	43
18	Assessment of vanadium distribution in shallow groundwaters. <i>Chemical Geology</i> , <b>2012</b> , 294-295, 89-102	4.2	28

17	Copper tolerance and accumulation in two cuprophytes of South Central Africa: <i>Crepidorhopalon perennis</i> and <i>C. tenuis</i> (Linderniaceae). <i>Environmental and Experimental Botany</i> , <b>2012</b> , 84, 11-16	5.9	32
16	The impact of igneous bedrock weathering on the Mo isotopic composition of stream waters: Natural samples and laboratory experiments. <i>Geochimica Et Cosmochimica Acta</i> , <b>2012</b> , 86, 150-165	5.5	66
15	Colloidal Control on the Distribution of Rare Earth Elements in Shallow Groundwaters. <i>Aquatic Geochemistry</i> , <b>2010</b> , 16, 31-59	1.7	68
14	Modeling lanthanide series binding sites on humic acid. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 330, 45-50	9.3	33
13	Competitive binding of REE to humic acid and manganese oxide: Impact of reaction kinetics on development of cerium anomaly and REE adsorption. <i>Chemical Geology</i> , <b>2008</b> , 247, 154-170	4.2	87
12	New insights into cerium anomalies in organic-rich alkaline waters. <i>Chemical Geology</i> , <b>2008</b> , 251, 120-127	4.2	91
11	Competition between humic acid and carbonates for rare earth elements complexation. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 305, 25-31	9.3	90
10	Organo-colloidal control on major- and trace-element partitioning in shallow groundwaters: Confronting ultrafiltration and modelling. <i>Applied Geochemistry</i> , <b>2007</b> , 22, 1568-1582	3.5	43
9	Rare earth elements complexation with humic acid. <i>Chemical Geology</i> , <b>2007</b> , 243, 128-141	4.2	164
8	Organic complexation of rare earth elements in natural waters: Evaluating model calculations from ultrafiltration data. <i>Geochimica Et Cosmochimica Acta</i> , <b>2007</b> , 71, 2718-2735	5.5	82
7	Adsorption of REE(III)-humate complexes onto MnO <sub>2</sub> : Experimental evidence for cerium anomaly and lanthanide tetrad effect suppression. <i>Geochimica Et Cosmochimica Acta</i> , <b>2005</b> , 69, 4825-4835	5.5	128
6	Impact of humate complexation on the adsorption of REE onto Fe oxyhydroxide. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 277, 271-9	9.3	91
5	The Europium anomaly in plants: facts and fiction. <i>Plant and Soil</i> , 1	4.2	1
4	A tale of two 'opens': intersections between Free and Open Source Software and Open Scholarship		7
3	Biogeosciences Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science		1
2	The need for a new set of measures to assess the impact of research in earth sciences in Indonesia		2
1	Research Funding Bodies Need to Follow Scientific Evidence: Preprints Are Here to Stay		2