

Cecile Grosbois

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

809
citations

516710

16
h-index

677142

22
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22
all docs

22
docs citations

22
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Historical perspective of heavy metals contamination (Cd, Cr, Cu, Hg, Pb, Zn) in the Seine River basin (France) following a DPSIR approach (1950â€“2005). <i>Science of the Total Environment</i> , 2007, 375, 204-231.	8.0	169
2	Interactions between trace elements and dissolved organic matter in the stagnant anoxic deep layer of a meromictic lake. <i>Limnology and Oceanography</i> , 2000, 45, 1088-1096.	3.1	61
3	Spatial variability of arsenic in some iron-rich deposits generated by acid mine drainage. <i>Applied Geochemistry</i> , 2005, 20, 383-396.	3.0	61
4	The geochemistry of Seine River Basin particulate matter: distribution of an integrated metal pollution index. <i>Science of the Total Environment</i> , 2004, 328, 219-236.	8.0	58
5	Title is missing!. <i>Aquatic Geochemistry</i> , 2001, 7, 81-105.	1.3	51
6	Post-depositional redistribution of trace metals in reservoir sediments of a mining/smelting-impacted watershed (the Lot River, SW France). <i>Applied Geochemistry</i> , 2010, 25, 778-794.	3.0	49
7	Changes in chemical and / signature distribution patterns of suspended matter and bed sediments in the upper Loire river basin (France). <i>Chemical Geology</i> , 1999, 156, 231-249.	3.3	45
8	Arsenic and lead mobility: From tailing materials to the aqueous compartment. <i>Applied Geochemistry</i> , 2016, 64, 10-21.	3.0	40
9	The labile fraction of suspended matter in the Loire River (France): multi-element chemistry and isotopic (Rbâ€“Sr and Caâ€“O) systematics. <i>Chemical Geology</i> , 2000, 166, 271-285.	3.3	39
10	Dynamics of metallic contaminants at a basin scale â€” Spatial and temporal reconstruction from four sediment cores (Loire fluvial system, France). <i>Science of the Total Environment</i> , 2016, 541, 1504-1515.	8.0	36
11	Influences of major flood sediment inputs on sedimentary and geochemical signals archived in a reservoir core (Upper Loire Basin, France). <i>Catena</i> , 2015, 126, 75-85.	5.0	34
12	Influence of fluvial environments on sediment archiving processes and temporal pollutant dynamics (Upper Loire River, France). <i>Science of the Total Environment</i> , 2015, 505, 121-136.	8.0	34
13	Fate of arsenic-bearing phases during the suspended transport in a gold mining district (Isle river) Tj ETQq1 1 0.784314 rgBT /Overloc	8.0	29
14	Deconvolution of trace element (As, Cr, Mo, Th, U) sources and pathways to surface waters of a gold mining-influenced watershed. <i>Science of the Total Environment</i> , 2009, 407, 2063-2076.	8.0	26
15	Key factors influencing metal concentrations in sediments along Western European Rivers: A long-term monitoring study (1945â€“2020). <i>Science of the Total Environment</i> , 2022, 805, 149778.	8.0	24
16	Transformation of natural As-associated ferrihydrite downstream of a remediated mining site. <i>European Journal of Mineralogy</i> , 2006, 18, 187-195.	1.3	22
17	Spatio-temporal assessment of the polychlorinated biphenyl (PCB) sediment contamination in four major French river corridors (1945â€“2018). <i>Earth System Science Data</i> , 2020, 12, 1153-1170.	9.9	14
18	Geochemical Footprint of Megacities on River Sediments: A Case Study of the Fourth Most Populous Area in India, Chennai. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 688.	2.0	7

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19	Trace Element Contamination in One of the Yangtze Tributaries (Hunan, China)â€™ Source Review and Potential Release from Sediments. <i>Water (Switzerland)</i> , 2021, 13, 271.	2.7	3
20	The unravelling of radiocarbon composition of organic carbon in river sediments to document past anthropogenic impacts on river systems. <i>Science of the Total Environment</i> , 2022, 806, 150890.	8.0	3
21	Microscale distribution of trace elements: a methodology for accessing major bearing phases in stream sediments as applied to the Loire basin (France). <i>Journal of Soils and Sediments</i> , 2020, 20, 498-512.	3.0	2
22	Hydro-sedimentary dysfunctions as a key factor for the storage of contaminants in mountain rivers (Bienne River, Jura Mountains, France). <i>Catena</i> , 2022, 213, 106122.	5.0	2