

# Olivier Evrard

## List of Publications by Year in descending order

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129  
papers

4,007  
citations

94381

37  
h-index

161767

54  
g-index

166  
all docs

166  
docs citations

166  
times ranked

2865  
citing authors

#	ARTICLE	IF	CITATIONS
1	The challenges and opportunities of addressing particle size effects in sediment source fingerprinting: A review. <i>Earth-Science Reviews</i> , 2017, 169, 85-103.	4.0	194
2	Sediment fingerprinting in fluvial systems: review of tracers, sediment sources and mixing models. <i>International Journal of Sediment Research</i> , 2013, 28, 560-578.	1.8	175
3	Radiocesium transfer from hillslopes to the Pacific Ocean after the Fukushima Nuclear Power Plant accident: A review. <i>Journal of Environmental Radioactivity</i> , 2015, 148, 92-110.	0.9	143
4	Sediment source fingerprinting: benchmarking recent outputs, remaining challenges and emerging themes. <i>Journal of Soils and Sediments</i> , 2020, 20, 4160-4193.	1.5	124
5	Tracking the early dispersion of contaminated sediment along rivers draining the Fukushima radioactive pollution plume. <i>Anthropocene</i> , 2013, 1, 23-34.	1.6	90
6	Spatial and temporal variation of muddy floods in central Belgium, off-site impacts and potential control measures. <i>Catena</i> , 2007, 70, 443-454.	2.2	89
7	Drivers of erosion and suspended sediment transport in three headwater catchments of the Mexican Central Highlands. <i>Geomorphology</i> , 2010, 123, 243-256.	1.1	87
8	Combining suspended sediment monitoring and fingerprinting to determine the spatial origin of fine sediment in a mountainous river catchment. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 1072-1089.	1.2	85
9	Temporal variability of suspended sediment sources in an alpine catchment combining river/rainfall monitoring and sediment fingerprinting. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 828-846.	1.2	79
10	Sediment dynamics during the rainy season in tropical highland catchments of central Mexico using fallout radionuclides. <i>Geomorphology</i> , 2010, 124, 42-54.	1.1	71
11	Relative Contribution of Rill/Interrill and Gully/Channel Erosion to Small Reservoir Siltation in Mediterranean Environments. <i>Land Degradation and Development</i> , 2016, 27, 785-797.	1.8	68
12	Tracing sediment sources in a tropical highland catchment of central Mexico by using conventional and alternative fingerprinting methods. <i>Hydrological Processes</i> , 2013, 27, 911-922.	1.1	67
13	The impact of typhoons on sediment connectivity: lessons learnt from contaminated coastal catchments of the Fukushima Prefecture (Japan). <i>Earth Surface Processes and Landforms</i> , 2017, 42, 306-317.	1.2	65
14	Increase in soil erosion after agricultural intensification: Evidence from a lowland basin in France. <i>Anthropocene</i> , 2014, 7, 30-41.	1.6	62
15	A comparison of geological and statistical approaches to element selection for sediment fingerprinting. <i>Journal of Soils and Sediments</i> , 2015, 15, 2117-2131.	1.5	59
16	Effectiveness of erosion mitigation measures to prevent muddy floods: A case study in the Belgian loam belt. <i>Agriculture, Ecosystems and Environment</i> , 2007, 118, 149-158.	2.5	56
17	Tracing sediment sources during floods using Diffuse Reflectance Infrared Fourier Transform Spectrometry (DRIFTS): A case study in a highly erosive mountainous catchment (Southern French) Tj ETQq1 1 0.784314 rgB5/Overlo	1.1	55
18	Evolution of radioactive dose rates in fresh sediment deposits along coastal rivers draining Fukushima contamination plume. <i>Scientific Reports</i> , 2013, 3, 3079.	1.6	51

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19	Combining multiple fallout radionuclides ( $^{137}\text{Cs}$ , $^7\text{Be}$ , $^{210}\text{Pb}$ s) to investigate temporal sediment source dynamics in tropical, ephemeral riverine systems. <i>Journal of Soils and Sediments</i> , 2016, 16, 1130-1144.	1.5	51
20	Quantifying land use contributions to suspended sediment in a large cultivated catchment of Southern Brazil (Guaporé River, Rio Grande do Sul). <i>Agriculture, Ecosystems and Environment</i> , 2017, 237, 95-108.	2.5	51
21	Do forests represent a long-term source of contaminated particulate matter in the Fukushima Prefecture?. <i>Journal of Environmental Management</i> , 2016, 183, 742-753.	3.8	50
22	A global review of sediment source fingerprinting research incorporating fallout radiocesium ( $^{137}\text{Cs}$ ). <i>Geomorphology</i> , 2020, 362, 107103.	1.1	50
23	Quantifying suspended sediment sources during runoff events in headwater catchments using spectrophotometry. <i>Journal of Soils and Sediments</i> , 2013, 13, 1478-1492.	1.5	49
24	Fingerprinting sediment sources in the outlet reservoir of a hilly cultivated catchment in Tunisia. <i>Journal of Soils and Sediments</i> , 2013, 13, 801-815.	1.5	49
25	Measuring and modelling soil erosion and sediment yields in a large cultivated catchment under no-till of Southern Brazil. <i>Soil and Tillage Research</i> , 2017, 174, 24-33.	2.6	48
26	Modelling the impact of land use change and rainfall seasonality on sediment export from an agricultural catchment of the northwestern European loess belt. <i>Agriculture, Ecosystems and Environment</i> , 2010, 138, 83-94.	2.5	45
27	Renewed soil erosion and remobilisation of radioactive sediment in Fukushima coastal rivers after the 2013 typhoons. <i>Scientific Reports</i> , 2014, 4, 4574.	1.6	45
28	Effectiveness of landscape decontamination following the Fukushima nuclear accident: a review. <i>Soil</i> , 2019, 5, 333-350.	2.2	45
29	A grassed waterway and earthen dams to control muddy floods from a cultivated catchment of the Belgian loess belt. <i>Geomorphology</i> , 2008, 100, 419-428.	1.1	43
30	Mass balance and decontamination times of Polycyclic Aromatic Hydrocarbons in rural nested catchments of an early industrialized region (Seine River basin, France). <i>Science of the Total Environment</i> , 2014, 470-471, 608-617.	3.9	42
31	Rainfall erosivity in catchments contaminated with fallout from the Fukushima Daiichi nuclear power plant accident. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2467-2482.	1.9	42
32	Evidence of the radioactive fallout in France due to the Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2012, 114, 54-60.	0.9	41
33	From shifting cultivation to teak plantation: effect on overland flow and sediment yield in a montane tropical catchment. <i>Scientific Reports</i> , 2017, 7, 3987.	1.6	41
34	Quantifying and modelling the impact of land consolidation and field borders on soil redistribution in agricultural landscapes (1954–2009). <i>Catena</i> , 2013, 110, 184-195.	2.2	40
35	Tracing the sources of suspended sediment and particle-bound trace metal elements in an urban catchment coupling elemental and isotopic geochemistry, and fallout radionuclides. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28667-28681.	2.7	40
36	Quantifying the dominant sources of sediment in a drained lowland agricultural catchment: The application of a thorium-based particle size correction in sediment fingerprinting. <i>Geomorphology</i> , 2015, 250, 271-281.	1.1	38

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37	Investigating the metal contamination of sediment transported by the 2016 Seine River flood (Paris, France). <i>Journal of Environmental Monitoring</i> , 2018, 20, 1074-1081.	3.7	38
38	Novel Insights into Fukushima Nuclear Accident from Isotopic Evidence of Plutonium Spread along Coastal Rivers. <i>Environmental Science &amp; Technology</i> , 2014, 48, 9334-9340.	4.6	37
39	Environmental DNA provides information on sediment sources: A study in catchments affected by Fukushima radioactive fallout. <i>Science of the Total Environment</i> , 2019, 665, 873-881.	3.9	37
40	Persistence of environmental DNA in cultivated soils: implication of this memory effect for reconstructing the dynamics of land use and cover changes. <i>Scientific Reports</i> , 2020, 10, 10502.	1.6	37
41	Seasonal evolution of runoff generation on agricultural land in the Belgian loess belt and implications for muddy flood triggering. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 1285-1301.	1.2	36
42	Depth distribution of cesium-137 in paddy fields across the Fukushima pollution plume in 2013. <i>Journal of Environmental Radioactivity</i> , 2015, 147, 157-164.	0.9	36
43	Environmental mobility of <sup>110m</sup> Ag: lessons learnt from Fukushima accident (Japan) and potential use for tracking the dispersion of contamination within coastal catchments. <i>Journal of Environmental Radioactivity</i> , 2014, 130, 44-55.	0.9	34
44	Fingerprinting sediment sources in a large agricultural catchment under no-tillage in Southern Brazil (Conceição River). <i>Land Degradation and Development</i> , 2018, 29, 939-951.	1.8	34
45	A worldwide meta-analysis (1977–2020) of sediment core dating using fallout radionuclides including <sup>137</sup> Cs and <sup>210</sup> Pb. <i>Earth System Science Data</i> , 2021, 13, 4951-4966.	3.7	34
46	Remanence of lead pollution in an urban river system: a multi-scale temporal and spatial study in the Seine River basin, France. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4134-4148.	2.7	33
47	Tracing the origin of suspended sediment in a large Mediterranean river by combining continuous river monitoring and measurement of artificial and natural radionuclides. <i>Science of the Total Environment</i> , 2015, 502, 122-132.	3.9	33
48	Reliability of an expert-based runoff and erosion model: Application of STREAM to different environments. <i>Catena</i> , 2009, 78, 129-141.	2.2	31
49	Plutonium aided reconstruction of caesium atmospheric fallout in European topsoils. <i>Scientific Reports</i> , 2020, 10, 11858.	1.6	31
50	Silver and thallium historical trends in the Seine River basin. <i>Journal of Environmental Monitoring</i> , 2010, 12, 2177.	2.1	29
51	Vertical distributions of <sup>137</sup> Cs in soils: a meta-analysis. <i>Journal of Soils and Sediments</i> , 2015, 15, 81-95.	1.5	29
52	Using Chernobyl-derived <sup>137</sup> Cs to document recent sediment deposition rates on the River Plava floodplain (Central European Russia). <i>Hydrological Processes</i> , 2013, 27, 807-821.	1.1	28
53	Preface—Addressing challenges to advance sediment fingerprinting research. <i>Journal of Soils and Sediments</i> , 2015, 15, 2033-2037.	1.5	28
54	Medium term high frequency observation of discharges and suspended sediment in a Mediterranean mountainous catchment. <i>Journal of Hydrology</i> , 2019, 568, 562-574.	2.3	28

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55	Use of fallout radionuclides ( <sup>7</sup> Be, <sup>210</sup> Pb) to estimate resuspension of <i>Escherichia coli</i> from streambed sediments during floods in a tropical montane catchment. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3427-3435.	2.7	27
56	Investigating the source of radiocesium contaminated sediment in two Fukushima coastal catchments with sediment tracing techniques. <i>Anthropocene</i> , 2016, 13, 57-68.	1.6	26
57	Suspended sediment dynamics in a Southeast Asian mountainous catchment: Combining river monitoring and fallout radionuclide tracers. <i>Journal of Hydrology</i> , 2014, 519, 1811-1823.	2.3	25
58	Tracing Sediment Sources in a Subtropical Agricultural Catchment of Southern Brazil Cultivated With Conventional and Conservation Farming Practices. <i>Land Degradation and Development</i> , 2017, 28, 1426-1436.	1.8	25
59	Source dynamics of radiocesium-contaminated particulate matter deposited in an agricultural water reservoir after the Fukushima nuclear accident. <i>Science of the Total Environment</i> , 2018, 612, 1079-1090.	3.9	25
60	Impact of urban pressure on the spatial and temporal dynamics of PAH fluxes in an urban tributary of the Seine River (France). <i>Chemosphere</i> , 2019, 219, 1002-1013.	4.2	25
61	Modeling the migration of fallout radionuclides to quantify the contemporary transfer of fine particles in Luvisol profiles under different land uses and farming practices. <i>Soil and Tillage Research</i> , 2014, 140, 82-97.	2.6	24
62	Quantifying sediment sources in a lowland agricultural catchment pond using <sup>137</sup> Cs activities and radiogenic <sup>87</sup> Sr/ <sup>86</sup> Sr ratios. <i>Science of the Total Environment</i> , 2016, 566-567, 968-980.	3.9	24
63	Quantifying the dilution of the radiocesium contamination in Fukushima coastal river sediment (2011-2015). <i>Scientific Reports</i> , 2016, 6, 34828.	1.6	24
64	Investigating the temporal dynamics of suspended sediment during flood events with <sup>7</sup> Be and <sup>210</sup> Pbxs measurements in a drained lowland catchment. <i>Scientific Reports</i> , 2017, 7, 42099.	1.6	24
65	Key factors influencing metal concentrations in sediments along Western European Rivers: A long-term monitoring study (1945-2020). <i>Science of the Total Environment</i> , 2022, 805, 149778.	3.9	24
66	Spatial and temporal variability of <sup>7</sup> Be and <sup>210</sup> Pb wet deposition during four successive monsoon storms in a catchment of northern Laos. <i>Journal of Environmental Radioactivity</i> , 2014, 136, 195-205.	0.9	23
67	Potential of phosphorus fractions to trace sediment sources in a rural catchment of Southern Brazil: Comparison with the conventional approach based on elemental geochemistry. <i>Geoderma</i> , 2019, 337, 1067-1076.	2.3	23
68	Quantification of sediment source contributions in two paired catchments of the Brazilian Pampa using conventional and alternative fingerprinting approaches. <i>Hydrological Processes</i> , 2020, 34, 2965-2986.	1.1	23
69	Mobilization and transport of pesticides with runoff and suspended sediment during flooding events in an agricultural catchment of Southern Brazil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39370-39386.	2.7	23
70	Improving the quantification of sediment source contributions using different mathematical models and spectral preprocessing techniques for individual or combined spectra of ultraviolet-visible, near- and middle-infrared spectroscopy. <i>Geoderma</i> , 2021, 384, 114815.	2.3	21
71	A comparison of management approaches to control muddy floods in central Belgium, northern France and southern England. <i>Land Degradation and Development</i> , 2010, 21, 322-335.	1.8	20
72	Reconstruction of uranium and plutonium isotopic signatures in sediment accumulated in the Mano Dam reservoir, Japan, before and after the Fukushima nuclear accident. <i>Chemosphere</i> , 2019, 225, 849-858.	4.2	20

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73	Evidence of Chlordecone Resurrection by Glyphosate in French West Indies. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2296-2306.	4.6	20
74	How to evaluate sediment fingerprinting source apportionments. <i>Journal of Soils and Sediments</i> , 2022, 22, 1315-1328.	1.5	20
75	Combining measurements and modelling to quantify the contribution of atmospheric fallout, local industry and road traffic to PAH stocks in contrasting catchments. <i>Environmental Pollution</i> , 2014, 189, 152-160.	3.7	19
76	A new method for determining $^{236}\text{U}/^{238}\text{U}$ isotope ratios in environmental samples by means OF ICP-MS/MS. <i>Talanta</i> , 2020, 206, 120221.	2.9	19
77	Combining spectroscopy and magnetism with geochemical tracers to improve the discrimination of sediment sources in a homogeneous subtropical catchment. <i>Catena</i> , 2020, 195, 104800.	2.2	19
78	Core-derived historical records of suspended sediment origin in a mesoscale mountainous catchment: the River Blaine, French Alps. <i>Journal of Soils and Sediments</i> , 2012, 12, 1463-1478.	1.5	18
79	Combining $^{137}\text{Cs}$ measurements and a spatially distributed erosion model to assess soil redistribution in a hedgerow landscape in northwestern France (1960-2010). <i>Catena</i> , 2014, 119, 78-89.	2.2	18
80	Tracing Sediment Sources Using Mid-Infrared Spectroscopy in Arvorezinha Catchment, Southern Brazil. <i>Land Degradation and Development</i> , 2017, 28, 1603-1614.	1.8	18
81	Using spectrocolourimetry to trace sediment source dynamics in coastal catchments draining the main Fukushima radioactive pollution plume (2011-2017). <i>Journal of Soils and Sediments</i> , 2019, 19, 3290-3301.	1.5	18
82	Quantifying the effect of overland flow on <i>Escherichia coli</i> pulses during floods: Use of a tracer-based approach in an erosion-prone tropical catchment. <i>Journal of Hydrology</i> , 2021, 594, 125935.	2.3	17
83	Quantification of vertical solid matter transfers in soils during pedogenesis by a multi-tracer approach. <i>Journal of Soils and Sediments</i> , 2017, 17, 408-422.	1.5	16
84	Plutonium isotopic signatures in soils and their variation (2011-2014) in sediment transiting a coastal river in the Fukushima Prefecture, Japan. <i>Environmental Pollution</i> , 2018, 240, 167-176.	3.7	16
85	Innovative combination of tracing methods to differentiate between legacy and contemporary PAH sources in the atmosphere-soil-river continuum in an urban catchment (Orge River, France). <i>Science of the Total Environment</i> , 2019, 669, 448-458.	3.9	16
86	Afforestation of degraded grasslands reduces sediment transport and may contribute to streamflow regulation in small catchments in the short-run. <i>Catena</i> , 2021, 204, 105371.	2.2	16
87	Suspended sediment source and propagation during monsoon events across nested sub-catchments with contrasted land uses in Laos. <i>Journal of Hydrology: Regional Studies</i> , 2017, 9, 69-84.	1.0	15
88	Hydro-sedimentary Dynamics of a Drained Agricultural Headwater Catchment: A Nested Monitoring Approach. <i>Vadose Zone Journal</i> , 2017, 16, 1-11.	1.3	15
89	Erosional response to land abandonment in rural areas of Western Europe during the Anthropocene: A case study in the Massif-Central, France. <i>Agriculture, Ecosystems and Environment</i> , 2019, 284, 106582.	2.5	15
90	Sources and export of particle-borne organic matter during a monsoon flood in a catchment of northern Laos. <i>Biogeosciences</i> , 2015, 12, 1073-1089.	1.3	14

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91	Quantifying the impact of no-tillage on soil redistribution in a cultivated catchment of Southern Brazil (1964–2016) with <sup>137</sup> Cs inventory measurements. <i>Agriculture, Ecosystems and Environment</i> , 2019, 284, 106588.	2.5	14
92	Spatio-temporal assessment of the polychlorinated biphenyl (PCB) sediment contamination in four major French river corridors (1945–2018). <i>Earth System Science Data</i> , 2020, 12, 1153-1170.	3.7	14
93	Investigating the use of fallout and geogenic radionuclides as potential tracing properties to quantify the sources of suspended sediment in a mining catchment in New Caledonia, South Pacific. <i>Journal of Soils and Sediments</i> , 2020, 20, 1112-1128.	1.5	13
94	Improving the design and implementation of sediment fingerprinting studies: summary and outcomes of the TRACING 2021 Scientific School. <i>Journal of Soils and Sediments</i> , 2022, 22, 1648-1661.	1.5	13
95	Investigating the relationships between chemical element concentrations and discharge to improve our understanding of their transport patterns in rural catchments under subtropical climate conditions. <i>Science of the Total Environment</i> , 2020, 748, 141345.	3.9	12
96	Regional trends in eutrophication across the Loire river basin during the 20th century based on multi-proxy paleolimnological reconstructions. <i>Agriculture, Ecosystems and Environment</i> , 2020, 301, 107065.	2.5	12
97	Deciphering human and climatic controls on soil erosion in intensively cultivated landscapes after 1950 (Loire Valley, France). <i>Anthropocene</i> , 2021, 34, 100287.	1.6	12
98	Radionuclide contamination in flood sediment deposits in the coastal rivers draining the main radioactive pollution plume of Fukushima Prefecture, Japan (2011–2020). <i>Earth System Science Data</i> , 2021, 13, 2555-2560.	3.7	12
99	Preface – evaluating the response of critical zone processes to human impacts with sediment source fingerprinting. <i>Journal of Soils and Sediments</i> , 2019, 19, 3245-3254.	1.5	11
100	Tracing hotspots of soil erosion in high mountain environments: how forensic science based on plant eDNA can lead the way. An opinion. <i>Plant and Soil</i> , 2022, 476, 729-742.	1.8	10
101	Pesticide resurrection. <i>Environmental Chemistry Letters</i> , 2022, 20, 3357-3362.	8.3	9
102	Retention of <sup>10</sup> Be, <sup>137</sup> Cs and <sup>210</sup> Pbxs in soils: Impact of physico-chemical characteristics. <i>Geoderma</i> , 2020, 367, 114242.	2.3	8
103	Quantifying hydro-sedimentary transfers in a lowland tile-drained agricultural catchment. <i>Catena</i> , 2021, 198, 105033.	2.2	8
104	A quick and low-cost technique to identify layers associated with heavy rainfall in sediment archives during the Anthropocene. <i>Sedimentology</i> , 2020, 67, 486-501.	1.6	7
105	Quantifying the impact of no-till on runoff in southern Brazil at hillslope and catchment scales. <i>Hydrological Processes</i> , 2021, 35, e14094.	1.1	7
106	Impact of the 2019 typhoons on sediment source contributions and radiocesium concentrations in rivers draining the Fukushima radioactive plume, Japan. <i>Comptes Rendus - Geoscience</i> , 2020, 352, 199-211.	0.4	7
107	Method for detecting and characterising actinide-bearing micro-particles in soils and sediment of the Fukushima Prefecture, Japan. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 57-69.	0.7	6
108	Reconstructing the impact of nickel mining activities on sediment supply to the rivers and the lagoon of South Pacific Islands: Lessons learnt from the Thio early mining site (New Caledonia). <i>Geomorphology</i> , 2021, 372, 107459.	1.1	6

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109	Examining suspended sediment sources and dynamics during flood events in a drained catchment using radiogenic strontium isotope ratios ( $^{87}\text{Sr}/^{86}\text{Sr}$ ). <i>Chemical Geology</i> , 2017, 449, 147-157.	1.4	5
110	Radiocarbon and radiocesium in litter fall at Kawamata, 45 km NW from the Fukushima Dai-ichi nuclear power plant (Japan). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 1093-1101.	0.7	5
111	Quantification of spatial and temporal variations in trace element fluxes originating from urban areas at the catchment scale. <i>Journal of Soils and Sediments</i> , 2020, 20, 4055-4069.	1.5	5
112	Mapping the spatial distribution of global $^{137}\text{Cs}$ fallout in soils of South America as a baseline for Earth Science studies. <i>Earth-Science Reviews</i> , 2021, 214, 103542.	4.0	5
113	Quantifying the impact of no-till on sediment yield in southern Brazil at the hillslope and catchment scales. <i>Hydrological Processes</i> , 2021, 35, e14286.	1.1	5
114	Tributary contributions to sediment deposited in the Jacu-Á-Delta, Southern Brazil. <i>Journal of Great Lakes Research</i> , 2022, 48, 669-685.	0.8	5
115	Tracing total and dissolved material in a western Canadian basin using quality control samples to guide the selection of fingerprinting parameters for modelling. <i>Catena</i> , 2021, 200, 105095.	2.2	4
116	Combining colour parameters and geochemical tracers to improve sediment source discrimination in a mining catchment (New Caledonia, South Pacific Islands). <i>Soil</i> , 2021, 7, 743-766.	2.2	4
117	Comparison of techniques to localise U-bearing particles in environmental samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 1701-1714.	0.7	4
118	$^{240}\text{Pu}/^{239}\text{Pu}$ signatures allow refining the chronology of radionuclide fallout in South America. <i>Science of the Total Environment</i> , 2022, , 156943.	3.9	4
119	Terrain analysis, erosion simulations, and sediment fingerprinting: a case study assessing the erosion sensitivity of agricultural catchments in the border of the volcanic plateau of Southern Brazil. <i>Journal of Soils and Sediments</i> , 2022, 22, 1023.	1.5	3
120	Tracing Sediment Sources Using Strontium Isotopes in a Pond Draining an Agricultural Catchment (Loire River Basin, France). <i>Procedia Earth and Planetary Science</i> , 2015, 13, 30-34.	0.6	2
121	Tracking the origin and dispersion of contaminated sediments transported by rivers draining the Fukushima radioactive contaminant plume. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 367, 237-243.	1.0	2
122	Dynamic parameterization of soil surface characteristics for hydrological models in agricultural catchments. <i>Catena</i> , 2022, 214, 106257.	2.2	2
123	Quantifying the resuspension of sediment and associated metallic contaminants with fallout radionuclide measurements in a channelized river draining an industrial catchment. <i>Journal of Soils and Sediments</i> , 2016, 16, 294-308.	1.5	1
124	Accroissement de la contribution des sources d'érosion aux rivières et plans d'eau (1950-2010): le cas du Louroux (Indre-et-Loire, France). <i>Houille Blanche</i> , 2017, 103, 11-18.	0.3	1
125	Les observatoires du ruissellement: comprendre les processus pour améliorer les modélisations. <i>Houille Blanche</i> , 2020, 106, 7-16.	0.3	1
126	Impact of radiocesium contamination in flood sediment deposited after the 2019 typhoon on decontaminated fields of Fukushima Prefecture, Japan. <i>Comptes Rendus - Geoscience</i> , 2022, 354, 131-140.	0.4	1

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127	Des versants aux masses d'eau : Érosion, colmatage et envasement. Houille Blanche, 2017, 103, 5-6.	0.3	0
128	The decontamination following the Fukushima nuclear accident. Atmos, 2020, 62, 712-716.	0.0	0
129	<i>Escherichia coli</i> concentration, multiscale monitoring over the decade 2011–2021 in the Mekong River basin, Lao PDR. Earth System Science Data, 2022, 14, 2883-2894.	3.7	0