

Olivier Radakovitch

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,468
citations

117625

34
h-index

144013

57
g-index

83
all docs

83
docs citations

83
times ranked

3944
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence, contamination level and ecological risk assessment of dissolved and particulate trace elements in rivers entering the southwestern Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2022, 180, 113723.	5.0	5
2	Concentrations and fluxes of suspended particulate matter and associated contaminants in the Rhône River from Lake Geneva to the Mediterranean Sea. <i>Earth System Science Data</i> , 2022, 14, 2369-2384.	9.9	2
3	Trace metal contamination in sediment cores from Algiers Bay (Algeria). <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	2
4	Tsunami-triggered dispersal and deposition of microplastics in marine environments and their use in dating recent turbidite deposits. <i>Geological Society Special Publication</i> , 2021, 501, 381-390.	1.3	5
5	Benthic oxygen dynamics and implication for the maintenance of chronic hypoxia and ecosystem degradation in the Berre lagoon (France). <i>Estuarine, Coastal and Shelf Science</i> , 2021, 258, 107437.	2.1	6
6	Modelling of solid / liquid fractionation of trace metals for suspended sediments according to the hydro-sedimentary conditions of rivers - Application to ¹³⁷ Cs in the Rhône River (France). <i>Environmental Modelling and Software</i> , 2021, 145, 105211.	4.5	3
7	Assessing UV filter inputs into beach waters during recreational activity: A field study of three French Mediterranean beaches from consumer survey to water analysis. <i>Science of the Total Environment</i> , 2020, 706, 136010.	8.0	113
8	Hydro-climatic drivers of land-based organic and inorganic particulate micropollutant fluxes: The regime of the largest river water inflow of the Mediterranean Sea. <i>Water Research</i> , 2020, 185, 116067.	11.3	15
9	Nutrient Fluxes Associated With Submarine Groundwater Discharge From Karstic Coastal Aquifers (Côte Bleue, French Mediterranean Coastline). <i>Frontiers in Environmental Science</i> , 2020, 7, .	3.3	11
10	Patterns of trace metal bioaccumulation and trophic transfer in a phytoplankton-zooplankton-small pelagic fish marine food web. <i>Marine Pollution Bulletin</i> , 2019, 146, 1013-1030.	5.0	69
11	Accuracy and sensitivity of radium mass balances in assessing karstic submarine groundwater discharge in the stratified Calanque of Port-Miou (Mediterranean Sea). <i>Journal of Hydrology</i> , 2019, 578, 124034.	5.4	2
12	How to assess trace elements bioavailability for benthic organisms in lowly to moderately contaminated coastal sediments?. <i>Marine Pollution Bulletin</i> , 2019, 140, 86-100.	5.0	11
13	Modelling geochemical and kinetic processes involved in lead (Pb) remobilization during resuspension events of contaminated sediments. <i>Science of the Total Environment</i> , 2019, 679, 159-171.	8.0	9
14	Kd distributions in freshwater systems as a function of material type, mass-volume ratio, dissolved organic carbon and pH. <i>Applied Geochemistry</i> , 2019, 105, 68-77.	3.0	34
15	Remobilization of trace metals during laboratory resuspension of contaminated sediments from a dam reservoir. <i>Journal of Soils and Sediments</i> , 2018, 18, 2596-2613.	3.0	17
16	Lipoxygenase-induced autoxidative degradation of terrestrial particulate organic matter in estuaries: A widespread process enhanced at high and low latitude. <i>Organic Geochemistry</i> , 2018, 115, 78-92.	1.8	22
17	Levels and ecological risk assessment of heavy metals in surface sediments of fishing grounds along Algerian coast. <i>Marine Pollution Bulletin</i> , 2018, 136, 322-333.	5.0	61
18	Badlands as a hot spot of petrogenic contribution to riverine particulate organic carbon to the Gulf of Lion (NW Mediterranean Sea). <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2495-2509.	2.5	15

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19	Modeling the Influence of Eutrophication and Redox Conditions on Mercury Cycling at the Sediment-Water Interface in the Berre Lagoon. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	13
20	Groundwater-driven nutrient inputs to coastal lagoons: The relevance of lagoon water recirculation as a conveyor of dissolved nutrients. <i>Science of the Total Environment</i> , 2018, 642, 764-780.	8.0	64
21	Des flux d'eau aux flux de mati�res en suspension et de contaminants associ�s: gestion d'un r�seau de stations hydro-s�dimentaires sur le Rh�ne. <i>Houille Blanche</i> , 2018, 104, 63-70.	0.3	5
22	Autoxidation as a major player in the fate of terrestrial particulate organic matter in seawater. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1203-1215.	3.0	3
23	Insights into natural organic matter and pesticide characterisation and distribution in the Rhone River. <i>Environmental Chemistry</i> , 2017, 14, 64.	1.5	16
24	Irrigation return flows in a mediterranean aquifer inferred from combined chloride and stable isotopes mass balances. <i>Applied Geochemistry</i> , 2017, 86, 92-104.	3.0	13
25	Modelling of sediment transport pattern in the mouth of the Rhone delta: Role of storm and flood events. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 568-582.	2.1	42
26	Metal Ions and Hydroperoxide Content: Main Drivers of Coastal Lipid Autoxidation in Riverine Suspended Particulate Matter and Higher Plant Debris. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 50.	2.6	3
27	Characterisation of suspended particulate matter in the Rhone River: insights into analogue selection. <i>Environmental Chemistry</i> , 2016, 13, 804.	1.5	17
28	²²² Rn as Natural Tracer for LNAPL Recovery in a Crude Oil-Contaminated Aquifer. <i>Ground Water Monitoring and Remediation</i> , 2015, 35, 30-38.	0.8	7
29	Seasonal survey of the composition and degradation state of particulate organic matter in the Rh�ne River using lipid tracers. <i>Biogeosciences</i> , 2015, 12, 1431-1446.	3.3	18
30	Combining radon, short-lived radium isotopes and hydrodynamic modeling to assess submarine groundwater discharge from an anthropized semiarid watershed to a Mediterranean lagoon (Mar) Tj ETQq0 0 0 rg BT.4 Overlooko10 Tf 50	0.4	0
31	Estimation of air�water gas exchange coefficient in a shallow lagoon based on ²²² Rn mass balance. <i>Journal of Environmental Radioactivity</i> , 2015, 143, 58-69.	1.7	22
32	²¹⁰ Po and ²¹⁰ Pb trophic transfer within the phytoplankton�zooplankton�anchovy/sardine food web: a case study from the Gulf of Lion (NW Mediterranean Sea). <i>Journal of Environmental Radioactivity</i> , 2015, 143, 141-151.	1.7	21
33	Rare earth element distributions and fractionation in plankton from the northwestern Mediterranean Sea. <i>Chemosphere</i> , 2015, 119, 72-82.	8.2	51
34	Tritium and ¹⁴ C background levels in pristine aquatic systems and their potential sources of variability. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 24-32.	1.7	16
35	LIVING (STAINED) DEEP-SEA FORAMINIFERA OFF HACHINOHE (NE JAPAN, WESTERN PACIFIC): ENVIRONMENTAL INTERPLAY IN OXYGEN-DEPLETED ECOSYSTEMS. <i>Journal of Foraminiferal Research</i> , 2014, 44, 281-299.	0.5	38
36	Origin and accumulation of trace elements in sediments of the northwestern Mediterranean margin. <i>Chemical Geology</i> , 2014, 380, 61-73.	3.3	41

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37	Unexpected biotic resilience on the Japanese seafloor caused by the 2011 T�hoku-Oki tsunami. Scientific Reports, 2014, 4, 7517.	3.3	33
38	Quantifying erosion using ¹³⁷ Cs and ²¹⁰ Pb in cultivated soils in three Mediterranean watershed: Synthesis study from El Hachef, Raouz and Nakhla (North West Morocco). Journal of African Earth Sciences, 2013, 79, 50-57.	2.0	21
39	Mobility and fluxes of trace elements and nutrients at the sediment��water interface of a lagoon under contrasting water column oxygenation conditions. Applied Geochemistry, 2013, 31, 35-51.	3.0	80
40	Intercalibration studies of ²¹⁰ Po and ²¹⁰ Pb in dissolved and particulate seawater samples. Limnology and Oceanography: Methods, 2012, 10, 776-789.	2.0	41
41	Consequences of hydrological events on the delivery of suspended sediment and associated radionuclides from the Rh�ne River to the Mediterranean Sea. Journal of Soils and Sediments, 2012, 12, 1479-1495.	3.0	51
42	Genotoxicity of sediment extracts of the Berre lagoon (France). Chemosphere, 2012, 88, 937-944.	8.2	6
43	Historical levels of heavy metals and artificial radionuclides reconstructed from overbank sediment records in lower Rh�ne River (South-East France). Geochimica Et Cosmochimica Acta, 2012, 82, 163-182.	3.9	52
44	Impact of oceanic floods on particulate metal inputs to coastal and deep-sea environments: A case study in the NW Mediterranean Sea. Continental Shelf Research, 2012, 45, 15-26.	1.8	20
45	Submarine groundwater discharge in a subsiding coastal lowland: A ²²⁶ Ra and ²²² Rn investigation in the Southern Venice lagoon. Applied Geochemistry, 2011, 26, 907-920.	3.0	22
46	Major and trace element partition and fluxes in the Rh�ne River. Chemical Geology, 2011, 285, 15-31.	3.3	107
47	Marine ecosystems�� responses to climatic and anthropogenic forcings in the Mediterranean. Progress in Oceanography, 2011, 91, 97-166.	3.2	385
48	Anthropogenic metal contamination and sapropel imprints in deep Mediterranean sediments. Marine Pollution Bulletin, 2011, 62, 1041-1052.	5.0	28
49	Fate of metals in coastal sediments of a Mediterranean flood-dominated system: An approach based on total and labile fractions. Estuarine, Coastal and Shelf Science, 2011, 92, 486-495.	2.1	51
50	An assessment of karstic submarine groundwater and associated nutrient discharge to a Mediterranean coastal area (Balearic Islands, Spain) using radium isotopes. Biogeochemistry, 2010, 97, 211-229.	3.5	56
51	Trees in the subalpine belt since 11 700 cal. BP: origin, expansion and alteration of the modern forest. Holocene, 2010, 20, 139-146.	1.7	42
52	Pan-derived isotopic composition of atmospheric vapour in a Mediterranean wetland (Rh�ne River) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	2
53	Seasonal variations of physical and chemical erosion: A three-year survey of the Rhone River (France). Geochimica Et Cosmochimica Acta, 2010, 74, 907-927.	3.9	72
54	Isotopic and geochemical characterization of salinization in the shallow aquifers of a reclaimed subsiding zone: The southern Venice Lagoon coastland. Journal of Hydrology, 2009, 378, 46-61.	5.4	80

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55	The effect of fire frequency on local cembra pine populations. <i>Ecology</i> , 2009, 90, 476-486.	3.2	27
56	Reply to comments by Mastalerz, V. on "Shallow gas off the Rhône prodelta, Gulf of Lions" <i>Marine Geology</i> 234 (215-231). <i>Marine Geology</i> , 2008, 248, 118-121.	2.1	1
57	TIMS measurements of ²²⁶ Ra and ²²⁸ Ra in the Gulf of Lion, an attempt to quantify submarine groundwater discharge. <i>Marine Chemistry</i> , 2008, 109, 337-354.	2.3	43
58	Input of particulate heavy metals from rivers and associated sedimentary deposits on the Gulf of Lion continental shelf. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 285-295.	2.1	93
59	Origin of groundwater salinity and hydrogeochemical processes in a confined coastal aquifer: Case of the Rhône delta (Southern France). <i>Applied Geochemistry</i> , 2008, 23, 2337-2349.	3.0	199
60	Short time scale variations of ²³⁴ Th/ ²³⁸ U disequilibrium related to mesoscale variability on the continental slope of the Gulf of Lions (France). <i>Marine Chemistry</i> , 2007, 106, 403-418.	2.3	11
61	Sedimentary processes in the Thau Lagoon (France): From seasonal to century time scales. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 534-542.	2.1	51
62	Solar and anthropogenic imprints on Lake Masoko (southern Tanzania) during the last 500 years. <i>Journal of Paleolimnology</i> , 2007, 37, 475-490.	1.6	31
63	Unusual variations of dissolved As, Sb and Ni in the Rhône River during flood events. <i>Journal of Geochemical Exploration</i> , 2006, 88, 394-398.	3.2	22
64	Radionuclide deposition in the Rhône River Prodelt (NW Mediterranean sea) in response to the December 2003 extreme flood. <i>Marine Geology</i> , 2006, 234, 179-189.	2.1	29
65	Shallow gas off the Rhône prodelta, Gulf of Lions. <i>Marine Geology</i> , 2006, 234, 215-231.	2.1	27
66	Atmospheric lead fallout over the last century recorded in Gulf of Lions sediments (Mediterranean) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	8.0	24
67	Sedimentary record of redox-sensitive elements (U, Mn, Mo) in a transitory anoxic basin (the Thau) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 44</i>	2.3	44
68	²¹⁰ Pb sedimentation rates from the Northwestern Mediterranean margin. <i>Marine Geology</i> , 2005, 216, 155-167.	2.1	94
69	Multitracer study of anthropogenic contamination records in the Camargue, Southern France. <i>Science of the Total Environment</i> , 2004, 320, 63-72.	8.0	30
70	Temporal variations of dissolved and particulate ²³⁴ Th at a coastal station of the northern Adriatic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 58, 813-824.	2.1	17
71	Meso and small-scale variations of ²¹⁰ Pb fluxes on the Northwestern Mediterranean continental margins. <i>Continental Shelf Research</i> , 2003, 23, 693-715.	1.8	13
72	Environmental changes in a tropical lake (Lake Abiyata, Ethiopia) during recent centuries. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 187, 233-258.	2.3	59

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73	Particulate matter and organic carbon budgets for the Gulf of Lions (NW Mediterranean). Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2000, 23, 717-730.	0.7	157
74	210Pb and Caesium Accumulation in the Rhone Delta Sediments. Estuarine, Coastal and Shelf Science, 1999, 48, 77-92.	2.1	105
75	Origin and variability of downward biogeochemical fluxes on the Rhone continental margin (NW) Tj ETQq1 1 0.784314 rgBT /Overloc 1.4 84	1.4	84
76	Role of the climatological and current variability on shelf-slope exchanges of particulate matter: Evidence from the Rhone continental margin (NW Mediterranean). Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 1513-1538.	1.4	69
77	and : tracers of particle transfer on the Rhone continental margin (NW Mediterranean). Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 1539-1563.	1.4	29
78	Spatial and temporal patterns of downward particle fluxes on the continental slope of the Bay of Biscay (northeastern Atlantic). Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2101-2146.	1.4	82
79	Fluxes and budget of on the continental margin of the Bay of Biscay (northeastern Atlantic). Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 2175-2203.	1.4	46
80	Long-Core Profiles of 137 Cs, 134 Cs, 60 Co and 210 Pb in Sediment near the Rhone River (Northwestern Mediterranean Sea). Estuaries and Coasts, 1998, 21, 367.	1.7	62
81	Unusual ratios in the surface water of the Gulf of Lions. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 1998, 21, 459-468.	0.7	17
82	Tritium and 14C dependencies upon particulate organic matter within the nuclearized Rhone River (France). Journal of Soils and Sediments, 0, , .	3.0	1