Joel Knoery

List of Publications by Year
in descending order

45 papers	1,999 citations	270111 25 h-index	274796 44 g-index
46 all docs	46 docs citations	46 times ranked	2689 citing authors

#	Article	IF	Citations
1	â€œNon-traditionalâ€•stable isotopes applied to the study of trace metal contaminants in anthropized marine environments. Marine Pollution Bulletin, 2022, 175, 113398.	2.3	14
2	Mediterranean Mercury Assessment 2022: An Updated Budget, Health Consequences, and Research Perspectives. Environmental Science & Technology, 2022, 56, 3840-3862.	4.6	31
3	Differences in Copper Isotope Fractionation Between Mussels (Regulators) and Oysters (Hyperaccumulators): Insights from a Ten-Year Biomonitoring Study. Environmental Science & Technology, 2021, 55, 324-330.	4.6	12
4	Application of Zn Isotope Compositions in Oysters to Monitor and Quantify Anthropogenic Zn Bioaccumulation in Marine Environments over Four Decades: A â€œMussel Watch Programâ€•Upgrade. ACS ES&T Water, 2021, 1, 1035-1046.	2.3	18
5	Metal stable isotopes in transplanted oysters as a new tool for monitoring anthropogenic metal bioaccumulation in marine environments: The case for copper. Environmental Pollution, 2021, 290, 118012.	3.7	21
6	Seasonal trace metal distribution, partition and fluxes in the temperate macrotidal Loire Estuary (France). Estuarine, Coastal and Shelf Science, 2021, 262, 107616.	0.9	14
7	Oceanic mercury concentrations on both sides of the Strait of Gibraltar decreased between 1989 and 2012. Anthropocene, 2020, 29, 100230.	1.6	8
8	Links between size fractionation, chemical speciation of dissolved copper and chemical speciation of dissolved organic matter in the Loire estuary. Environmental Chemistry, 2020, 17, 385.	0.7	18
9	Patterns of trace metal bioaccumulation and trophic transfer in a phytoplankton-zooplankton-small pelagic fish marine food web. Marine Pollution Bulletin, 2019, 146, 1013-1030.	2.3	69
10	Modified 3D-printed device for mercury determination in waters. Analytica Chimica Acta, 2019, 1082, 78-85.	2.6	17
11	Copper, zinc and lead isotope signatures of sediments from a mediterranean coastal bay impacted by naval activities and urban sources. Applied Geochemistry, 2019, 111, 104440.	1.4	40
12	<scp>Susane</scp>, a device for sampling chemical gradients in the benthic water column. Limnology and Oceanography: Methods, 2019, 17, 331-342.	1.0	3
13	Assessment of the metal contamination evolution in the Loire estuary using Cu and Zn stable isotopes and geochemical data in sediments. Marine Pollution Bulletin, 2019, 143, 12-23.	2.3	40
14	Tellurium behaviour in a major European fluvialâ€“estuarine system (Gironde, France): fluxes, solid/liquid partitioning and bioaccumulation in wild oysters. Environmental Chemistry, 2019, 16, 229.	0.7	16
15	3D-printed lab-on-valve for fluorescent determination of cadmium and lead in water. Talanta, 2018, 183, 201-208.	2.9	44
16	Multidisciplinary investigation on cold seeps with vigorous gas emissions in the Sea of Marmara (MarsiteCruise): Strategy for site detection and sampling and first scientific outcome. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 153, 36-47.	0.6	14
17	Carbon and nitrogen elemental and isotopic ratios of filter-feeding bivalves along the French coasts: An assessment of specific, geographic, seasonal and multi-decadal variations. Science of the Total Environment, 2018, 613-614, 196-207.	3.9	25
18	Oligotrophy as a major driver of mercury bioaccumulation in medium-to high-trophic level consumers: A marine ecosystem-comparative study. Environmental Pollution, 2018, 233, 844-854.	3.7	62

#	Article	IF	Citations
19	Modeling the Influence of Eutrophication and Redox Conditions on Mercury Cycling at the Sediment-Water Interface in the Berre Lagoon. Frontiers in Marine Science, 2018, 5, .	1.2	13
20	Two dimensional mapping of iron release in marine sediments at submillimetre scale. Marine Chemistry, 2017, 191, 34-49.	0.9	30
21	Chemical contaminants (trace metals, persistent organic pollutants) in albacore tuna from western Indian and south-eastern Atlantic Oceans: Trophic influence and potential as tracers of populations. Science of the Total Environment, 2017, 596-597, 481-495.	3.9	48
22	Introduction to the special issue in the marine Environment. Marine Chemistry, 2017, 193, 1-2.	0.9	0
23	3D-printed flow system for determination of lead in natural waters. Talanta, 2017, 168, 298-302.	2.9	42
24	Spatial and temporal distribution of mercury and methylmercury in bivalves from the French coastline. Marine Pollution Bulletin, 2017, 114, 1096-1102.	2.3	34
25	Seasonal Variations of Total Gaseous Mercury at a French Coastal Mediterranean Site. Aerosol and Air Quality Research, 2017, 16, 46-60.	0.9	3
26	Manganese, iron and phosphorus cycling in an estuarine mudflat, Loire, France. Journal of Sea Research, 2016, 118, 92-102.	0.6	18
27	Particles transformation in estuaries: Fe, Mn and REE signatures through the Loire Estuary. Journal of Sea Research, 2016, 118, 103-112.	0.6	13
28	Atmospheric mercury concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network. Atmospheric Chemistry and Physics, 2016, 16, 11915-11935.	1.9	185
29	Two-dimensional distribution of living benthic foraminifera in anoxic sediment layers of an estuarine mudflat (Loire estuary, France). Biogeosciences, 2015, 12, 6219-6234.	1.3	38
30	Mercury in organisms from the Northwestern Mediterranean slope: Importance of food sources. Science of the Total Environment, 2014, 497-498, 229-238.	3.9	46
31	Heat, volume and chemical fluxes from submarine venting: A synthesis of results from the Rainbow hydrothermal field, 36Â°N MAR. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 518-527.	0.6	76
32	Interactions between Volatile Reduced Sulfur Compounds and Metals in the Seine Estuary (France). Estuaries and Coasts, 2008, 31, 1063-1071.	1.0	10
33	Effects of short-term environmental disturbances on living benthic foraminifera during the Pacific oyster summer mortality in the Marennes-OlÃ©ron Bay (France). Marine Environmental Research, 2007, 64, 358-383.	1.1	80
34	Physical and chemical characterization of gas hydrates and associated methane plumes in the Congoâ€“Angola Basin. Chemical Geology, 2004, 205, 405-425.	1.4	118
35	Helium isotopes at the Rainbow hydrothermal site (Mid-Atlantic Ridge, 36Â°14â€²N). Earth and Planetary Science Letters, 2004, 221, 325-335.	1.8	54
36	Distribution and behavior of dissolved hydrogen sulfide in hydrothermal plumes. Limnology and Oceanography, 2001, 46, 461-464.	1.6	17

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37	Compared geochemical signatures and the evolution of Menez Gwen (37Â°50â€²N) and Lucky Strike (37Â°17â€²N) hydrothermal fluids, south of the Azores Triple Junction on the Mid-Atlantic Ridge. Chemical Geology, 2000, 171, 49-75.	1.4	289
38	Non-transform offsets along the Mid-Atlantic Ridge south of the Azores (38Â°Nâ€“34Â°N): ultramafic exposures and hosting of hydrothermal vents. Earth and Planetary Science Letters, 2000, 177, 89-103.	1.8	115
39	Extensive magmatic and hydrothermal activity documented in Manus Basin. Eos, 2000, 81, 449.	0.1	10
40	Distribution of dissolved sulfide, methane, and manganese near the seafloor at the Lucky Strike (37Â°17â€²N) and Menez Gwen (37Â°50â€²N) hydrothermal vent sites on the mid-Atlantic Ridge. Deep-Sea Research Part I: Oceanographic Research Papers, 1998, 45, 367-386.	0.6	27
41	Manganese distribution in the water column near the Azores Triple Junction along the Mid-Atlantic Ridge and in the Azores domain. Deep-Sea Research Part I: Oceanographic Research Papers, 1998, 45, 1319-1338.	0.6	17
42	Mantle 3He in hydrothermal vents and plume of the Lucky Strike site (MAR 37Â°17â€²N) and associated geothermal heat flux. Earth and Planetary Science Letters, 1998, 157, 69-77.	1.8	54
43	FAMOUS and AMAR segments on the Mid-Atlantic Ridge: ubiquitous hydrothermal Mn, CH4, Î´3He signals along the rift valley walls and rift offsets. Earth and Planetary Science Letters, 1998, 161, 1-17.	1.8	33
44	Title is missing!. Marine Geophysical Researches, 1997, 19, 231-255.	0.5	48
45	Hydrothermal exploration near the Azores Triple Junction: tectonic control of venting at slow-spreading ridges?. Earth and Planetary Science Letters, 1996, 138, 93-104.	1.8	112