

# Duc Huy Dang

## List of Publications by Year in descending order

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33  
papers

795  
citations

623734

14  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rare earth elements in the Pearl River Delta of China: Potential impacts of the REE industry on water, suspended particles and oysters. <i>Environmental Pollution</i> , 2019, 244, 190-201.	7.5	82
2	Seasonal variations of coastal sedimentary trace metals cycling: Insight on the effect of manganese and iron (oxy)hydroxides, sulphide and organic matter. <i>Marine Pollution Bulletin</i> , 2015, 92, 113-124.	5.0	81
3	Chemical multi-contamination drives benthic prokaryotic diversity in the anthropized Toulon Bay. <i>Science of the Total Environment</i> , 2016, 556, 319-329.	8.0	77
4	Evidencing the Impact of Coastal Contaminated Sediments on Mussels Through Pb Stable Isotopes Composition. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11438-11448.	10.0	59
5	Uranium Isotope Fractionation during Adsorption, (Co)precipitation, and Biotic Reduction. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12695-12704.	10.0	52
6	Remobilization of polycyclic aromatic hydrocarbons and organic matter in seawater during sediment resuspension experiments from a polluted coastal environment: Insights from Toulon Bay (France). <i>Environmental Pollution</i> , 2017, 229, 627-638.	7.5	51
7	Sources and historical record of tin and butyl-tin species in a Mediterranean bay (Toulon Bay, France). <i>Environmental Science and Pollution Research</i> , 2014, 21, 6640-6651.	5.3	47
8	Key parameters controlling arsenic dynamics in coastal sediments: An analytical and modeling approach. <i>Marine Chemistry</i> , 2014, 161, 34-46.	2.3	43
9	Toward the Circular Economy of Rare Earth Elements: A Review of Abundance, Extraction, Applications, and Environmental Impacts. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 521-530.	4.1	39
10	Sedimentary dynamics of coastal organic matter: An assessment of the porewater size/reactivity model by spectroscopic techniques. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 100-111.	2.1	34
11	Uranium dispersion from U tailings and mechanisms leading to U accumulation in sediments: Insights from biogeochemical and isotopic approaches. <i>Science of the Total Environment</i> , 2018, 610-611, 880-891.	8.0	31
12	Long-term monitoring emphasizes impacts of the dredging on dissolved Cu and Pb contamination along with ultraplankton distribution and structure in Toulon Bay (NW Mediterranean Sea, France). <i>Marine Pollution Bulletin</i> , 2020, 156, 111196.	5.0	21
13	Kinetic processes of copper and lead remobilization during sediment resuspension of marine polluted sediments. <i>Science of the Total Environment</i> , 2020, 698, 134120.	8.0	18
14	Quantitative model of carbon and nitrogen isotope composition to highlight phosphorus cycling and sources in coastal sediments (Toulon Bay, France). <i>Chemosphere</i> , 2018, 195, 683-692.	8.2	17
15	Anthropogenic mercury contamination in sediments of Krka River estuary (Croatia). <i>Environmental Science and Pollution Research</i> , 2020, 27, 7628-7638.	5.3	15
16	Distribution and diagenesis of trace metals in marine sediments of a coastal Mediterranean area: St Georges Bay (Lebanon). <i>Marine Pollution Bulletin</i> , 2020, 155, 111066.	5.0	14
17	Uranium isotope geochemistry in modern coastal sediments: Insights from Toulon Bay, France. <i>Chemical Geology</i> , 2018, 481, 133-145.	3.3	13
18	Hazardous motherboards: Changes in metal contamination related to the evolution of electronic technologies. <i>Environmental Pollution</i> , 2021, 268, 115731.	7.5	13

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19	The contrasting estuarine geochemistry of rare earth elements between ice-covered and ice-free conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 317, 488-506.	3.9	13
20	Groundwater in Southern Vietnam: Understanding geochemical processes to better preserve the critical water resource. <i>Science of the Total Environment</i> , 2022, 807, 151345.	8.0	12
21	Variations in U concentrations and isotope signatures in two Canadian lakes impacted by U mining: A combination of anthropogenic and biogeochemical processes. <i>Chemical Geology</i> , 2019, 506, 58-67.	3.3	10
22	Groundwater quality evaluation and health risk assessment in coastal lowland areas of the Mekong Delta, Vietnam. <i>Groundwater for Sustainable Development</i> , 2021, 15, 100679.	4.6	10
23	Technology-Critical Elements: An Emerging and Vital Resource that Requires more In-depth Investigation. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 517-520.	4.1	8
24	A multi-tracer approach to disentangle anthropogenic emissions from natural processes in the St. Lawrence River and Estuary. <i>Water Research</i> , 2022, 219, 118588.	11.3	8
25	Tropical mangrove forests as a source of dissolved rare earth elements and yttrium to the ocean. <i>Chemical Geology</i> , 2021, 576, 120278.	3.3	6
26	Authigenic uranium isotopes of late Proterozoic black shale. <i>Chemical Geology</i> , 2022, 588, 120644.	3.3	6
27	Discovering Water Quality Changes and Patterns of the Endangered Thi Vai Estuary in Southern Vietnam through Trend and Multivariate Analysis. <i>Water (Switzerland)</i> , 2021, 13, 1330.	2.7	5
28	Application of ESI-HRMS for molybdenum speciation in natural waters: An investigation of molybdate-halide reactions. <i>Talanta</i> , 2018, 179, 221-229.	5.5	3
29	High-resolution mass spectrometry for molybdenum speciation in sulfidic waters. <i>Talanta</i> , 2020, 209, 120585.	5.5	2
30	Rare Earth Element Accumulation and Fractionation in a Lake Ecosystem Impacted by Past Uranium Mining. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 589-599.	4.1	2
31	The winter estuarine geochemistry of platinum in the Estuary and Gulf of St. Lawrence. <i>Marine Chemistry</i> , 2022, 242, 104123.	2.3	2
32	Quantification of Re and four other trace elements (Ag, Cd, Pd, Zn) in certified reference materials and natural waters. <i>Journal of Analytical Atomic Spectrometry</i> , 0, , .	3.0	1
33	Atypical Diagenesis and Geochemistry of Redox-Sensitive Elements in Hydrothermal Sediments of the Southern Okinawa Trough. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	0