

# Fotini Botsou

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

451  
citations

840776

11  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal(loid) and isotopic tracing of Pb in soils, road and house dusts from the industrial area of Volos (central Greece). <i>Science of the Total Environment</i> , 2020, 725, 138300.	8.0	48
2	Insights into the chemical partitioning of trace metals in roadside and off-road agricultural soils along two major highways in Attica's region, Greece. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 101-110.	6.0	47
3	Assessment of heavy metal contamination and mineral magnetic characterization of the Asopos River sediments (Central Greece). <i>Marine Pollution Bulletin</i> , 2011, 62, 547-563.	5.0	46
4	Polycyclic aromatic hydrocarbons (PAHs) in marine sediments of the Hellenic coastal zone, eastern Mediterranean: levels, sources and toxicological significance. <i>Journal of Soils and Sediments</i> , 2012, 12, 265-277.	3.0	43
5	Environmental availability of trace elements (Pb, Cd, Zn, Cu) in soil from urban, suburban, rural and mining areas of Attica, Hellas. <i>Journal of Geochemical Exploration</i> , 2018, 187, 201-213.	3.2	38
6	Tracking the occurrence of anthropogenic magnetic particles and potentially toxic elements (PTEs) in house dust using magnetic and geochemical analyses. <i>Environmental Pollution</i> , 2019, 245, 909-920.	7.5	30
7	Surface-ground water interactions and hydrogeochemical evolution in a fluvio-deltaic setting: The case study of the Pinios River delta. <i>Journal of Hydrology</i> , 2018, 561, 236-249.	5.4	27
8	Tracing the sources of bioaccessible metal(loid)s in urban environments: A multidisciplinary approach. <i>Science of the Total Environment</i> , 2021, 771, 144827.	8.0	27
9	Geochemistry of major and trace elements in surface sediments of the Saronikos Gulf (Greece): Assessment of contamination between 1999 and 2018. <i>Science of the Total Environment</i> , 2020, 717, 137046.	8.0	22
10	Distribution and partitioning of major and trace elements in pyrite-bearing sediments of a Mediterranean coastal lagoon. <i>Chemie Der Erde</i> , 2015, 75, 219-236.	2.0	14
11	Settled bus dust as a proxy of traffic-related emissions and health implications of exposures to potentially harmful elements. <i>Atmospheric Pollution Research</i> , 2020, 11, 1776-1784.	3.8	14
12	Agricultural geochemistry in viticulture: An example of Cu accumulation and geochemical fractionation in Mediterranean calcareous soils (Nemea region, Greece). <i>Applied Geochemistry</i> , 2018, 88, 23-39.	3.0	12
13	Investigation of major and trace element distribution patterns and pollution status of the surficial sediments of a microtidal inner shelf influenced by a transboundary river. The case of the Alexandroupolis Gulf (northeastern Aegean Sea, Greece). <i>Journal of Geochemical Exploration</i> , 2014, 146, 105-118.	3.2	10
14	Linking Environmental Magnetism to Geochemical Studies and Management of Trace Metals. Examples from Fluvial, Estuarine and Marine Systems. <i>Minerals (Basel, Switzerland)</i> , 2014, 4, 716-745.	2.0	8
15	Critical Processes of Trace Metals Mobility in Transitional Waters: Implications from the Remote, Antinioti Lagoon, Corfu Island, Greece. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 307.	2.6	8
16	Chromium speciation, mobility, and Cr(VI) retention-release processes in ultramafic rocks and Fe-Ni lateritic deposits of Greece. <i>Environmental Geochemistry and Health</i> , 2022, 44, 2815-2834.	3.4	8
17	Hydrogeochemical investigation of Cr in the ultramafic rock-related water bodies of Loutraki basin, Northeast Peloponnese, Greece. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	8
18	Heavy Metals in Soil and Sand from Playgrounds of Åžanakkale City (Turkey), and Related Health Risks for Children. <i>Sustainability</i> , 2022, 14, 1145.	3.2	8

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19	Transport of pollutants in two estuarine systems on the coast of Georgia. <i>Chemistry and Ecology</i> , 2006, 22, 379-393.	1.6	6
20	Can we document if regulation and Best Available Techniques (BAT) have any positive impact on the marine environment? A case based on a steel mill in Greece. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 598.	2.7	6
21	Trace element contamination status of surface marine sediments of Greece: an assessment based on two decades (2001–2021) of data. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45171-45189.	5.3	6
22	A DPSIR Approach to Selected Cr(VI) Impacted Groundwater Bodies of Central Greece. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 446-452.	2.7	5
23	Estimating remobilization of potentially toxic elements in soil and road dust of an industrialized urban environment. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	2.7	5
24	Dataset on the major and trace elements contents and contamination in the sediments of Saronikos Gulf and Elefsis Bay, Greece. <i>Data in Brief</i> , 2020, 29, 105330.	1.0	3
25	Environmental Fate of Trace Elements in Depositional Sediments after Flashflood Events: The Case of Mandra Town in Greece. <i>Sustainability</i> , 2022, 14, 2448.	3.2	1
26	Identification of sources and transformations of nitrate in Cr(VI)-impacted alluvial aquifers by a hydrogeochemical and $\delta^{15}\text{N-NO}_3^-$ and $\delta^{18}\text{O-NO}_3^-$ isotopes approach. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	1
27	Geochemical Processes of Trace Metals in Fresh–Saline Water Interfaces. The Cases of Louros and Acheloos Estuaries. <i>Handbook of Environmental Chemistry</i> , 2016, , 241-277.	0.4	0