Kongtae Ra

List of Publications by Year
in descending order

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37	652	567281 15	610901 24
papers	citations	h-index	g-index

37	37	37	470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heavy metal pollution by road-deposited sediments and its contribution to total suspended solids in rainfall runoff from intensive industrial areas. Environmental Pollution, 2020, 265, 115028.	7.5	81
2	Assessment of heavy metal contamination and its ecological risk in the surface sediments along the coast of Korea. Journal of Coastal Research, 2013, 65, 105-110.	0.3	70
3	The extent and historical trend of metal pollution recorded in core sediments from the artificial Lake Shihwa, Korea. Marine Pollution Bulletin, 2011, 62, 1814-1821.	5.0	50
4	Assessment of pollution and ecological risk of heavy metals in the surface sediments of Ulsan Bay, Korea. Ocean Science Journal, 2014, 49, 279-289.	1.3	39
5	Characterization of the contribution of road deposited sediments to the contamination of the close marine environment with trace metals: Case of the port city of Busan (South Korea). Marine Pollution Bulletin, 2020, 161, 111717.	5.0	33
6	Characteristics of potentially toxic elements and multi-isotope signatures (Cu, Zn, Pb) in non-exhaust traffic emission sources. Environmental Pollution, 2022, 292, 118339.	7.5	31
7	Copper, Zinc and Lead Isotopic Delta Values and Isotope Ratios of Various Geological and Biological Reference Materials. Geostandards and Geoanalytical Research, 2021, 45, 551-563.	3.1	30
8	Source identification and implications of heavy metals in urban roads for the coastal pollution in a beach town, Busan, Korea. Marine Pollution Bulletin, 2020, 161, 111724.	5.0	28
9	Heavy metal pollution assessment in coastal sediments and bioaccumulation on seagrass (Enhalus) Tj ETQq1 1 0.784314 rgBT /Overlo	5.0	27
10	Acetylthiocholine (ATC) â€“ Cleaving cholinesterase (ChE) activity as a potential biomarker ofÂpesticide exposure in the Manila clam, Ruditapes philippinarum, of Korea. Marine Environmental Research, 2011, 71, 162-168.	2.5	20
11	Potentially toxic elements pollution in road deposited sediments around the active smelting industry of Korea. Scientific Reports, 2021, 11, 7238.	3.3	20
12	Evaluation of the potential impact of polluted sediments using Manila clam Ruditapes philippinarum: bioaccumulation and biomarker responses. Environmental Science and Pollution Research, 2012, 19, 2570-2580.	5.3	18
13	A nationwide survey of trace metals and Zn isotopic signatures in mussels (Mytilus edulis) and oysters (Crassostrea gigas) from the coast of South Korea. Marine Pollution Bulletin, 2021, 173, 113061.	5.0	17
14	Magnetic characteristics of sediment grains concurrently contaminated with TBT and metals near a shipyard in Busan, Korea. Marine Pollution Bulletin, 2014, 85, 679-685.	5.0	16
15	Target organs of the Manila clam Ruditapes philippinarum for studying metal accumulation and biomarkers in pollution monitoring: laboratory and in-situ transplantation experiments. Environmental Monitoring and Assessment, 2016, 188, 478.	2.7	16
16	Characteristics of Potentially Toxic Elements, Risk Assessments, and Isotopic Compositions (Cu-Zn-Pb) in the PM10 Fraction of Road Dust in Busan, South Korea. Atmosphere, 2021, 12, 1229.	2.3	16
17	Pollution Caused by Potentially Toxic Elements Present in Road Dust from Industrial Areas in Korea. Atmosphere, 2020, 11, 1366.	2.3	14
18	Multi-isotope signatures (Cu, Zn, Pb) of different particle sizes in road-deposited sediments: a case study from industrial area. Journal of Analytical Science and Technology, 2021, 12, .	2.1	14

#	Article	IF	Citations
19	Investigations of Pb and Cu Isotopes to Trace Contamination Sources from the Artificial Shihwa Lake in Korea. Journal of Coastal Research, 2020, 95, 1122.	0.3	11
20	Sediment Quality Assessment for Heavy Metals in Streams Around the Shihwa Lake. Journal of the Korean Society for Marine Environment & Energy, 2016, 19, 25-36.	0.2	11
21	Source apportionment and health risk assessment for potentially toxic elements in size-fractionated road dust in Busan Metropolitan City, Korea. Environmental Monitoring and Assessment, 2022, 194, 350.	2.7	11
22	Characteristics and Risk Assessment of Heavy Metals in the Stormwater Runoffs from Industrial Region Discharged into Shihwa Lake. Journal of the Korean Society for Marine Environment & Energy, 2014, 17, 283-296.	0.2	9
23	Seagrass and green macroalgae Halimeda as biomonitoring tools for metal contamination in Chuuk, Micronesia: Pollution assessment and bioaccumulation. Marine Pollution Bulletin, 2022, 178, 113625.	5.0	9
24	Heavy Metal Pollution Assessment in Stream Sediments from Urban and Different Types of Industrial Areas in South Korea. Soil and Sediment Contamination, 2021, 30, 804-818.	1.9	8
25	Identification on Metal Pollution Sources in Road Dust of Industrial Complex Using Magnetic Property Around Shihwa Lake Basin. Journal of the Korean Society for Marine Environment & Energy, 2019, 22, 18-33.	0.2	8
26	Study on Dissolved and Particulate Heavy Metals in Stream Water and Stormwater Runoff from Suyeong Watershed in Busan Special Management Area, Korea. Journal of the Korean Society for Marine Environment & Energy, 2019, 22, 203-214.	0.2	8
27	Regional Variation and Discharge Characteristics of Stream Water Quality and Heavy Metals Around the Shihwa Lake Basin. Journal of the Korean Society for Marine Environment & Energy, 2017, 20, 76-83.	0.2	6
28	Assessment of Contamination and Sources Identification of Heavy Metals in Stream Water and Sediments around Industrial Complex.. Korean Journal of Ecology and Environment, 2019, 52, 179-191.	0.3	5
29	Characteristics of Heavy Metal Pollution in Road Dust from Urban Areas: Comparison by Land Use Types. Journal of Environmental Analysis Health and Toxicology, 2020, 23, 101-111.	0.4	5
30	Investigations of Metal Pollution in Road Dust of Steel Industrial Area and Application of Magnetic Separation. Sustainability, 2022, 14, 919.	3.2	5
31	Characteristics and Assessment of Metal Pollution and their Potential Source in Stormwater Runoff from Shihwa Industrial Complex, Korea.. Korean Journal of Ecology and Environment, 2020, 53, 91-101.	0.3	4
32	Study on Heavy Metal Pollution Sources to Shihwa Lake: Characteristics of Heavy Metal in Size-fractionated Road Dust from Urban Area and the Impacts to Marine Environments. Journal of the Korean Society for Marine Environment & Energy, 2020, 23, 70-80.	0.2	4
33	Elemental and isotopic compositions in blank filters collecting atmospheric particulates. Journal of Analytical Science and Technology, 2021, 12, .	2.1	3
34	Tracing the Pollution Source Using Pb Isotopes in Sediments of the Coastal Region Surrounding the National Industrial Complex, Korea. Journal of Coastal Research, 2018, 85, 1456-1460.	0.3	2
35	Potentially Toxic Elements (PTEs) Composition and Human Health Risk Assessment of PM10 on the Roadways of Industrial Complexes in South Korea. Atmosphere, 2021, 12, 1307.	2.3	1
36	Spatial- and Temporal Distribution of Trace Metals in Seawater and Surface Sediments Around the Geum River Estuary. Journal of the Korean Society for Marine Environment & Energy, 2022, 25, 127-135.	0.2	1

#	Article	IF	Citations
37	Assessments of Pollution, Ecological and Health Risks of Potentially Toxic Elements (PTEs) in Road Dust from Changwon Industrial Complex. Journal of the Korean Society for Marine Environment & Energy, 2022, 25, 115-126.	0.2	1