

Moonkoo Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6740031/publications.pdf>

Version: 2024-02-01

55
papers

1,615
citations

279487

23
h-index

301761

39
g-index

55
all docs

55
docs citations

55
times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative toxicity study of waterborne two booster biocides (CuPT and ZnPT) on embryonic flounder (<i>Paralichthys olivaceus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113337.	2.9	7
2	Characterization of hazards and environmental risks of wastewater effluents from ship hull cleaning by hydroblasting. <i>Journal of Hazardous Materials</i> , 2021, 403, 123708.	6.5	17
3	Sediment quality assessment combining chemical and biological (non)target analysis. <i>Aquatic Toxicology</i> , 2021, 238, 105883.	1.9	5
4	Seawater contamination associated with in-water cleaning of ship hulls and the potential risk to the marine environment. <i>Marine Pollution Bulletin</i> , 2021, 171, 112694.	2.3	14
5	Rapid recovery of coastal environment and ecosystem to the Hebei Spirit oil spill's impact. <i>Environment International</i> , 2020, 136, 105438.	4.8	24
6	Is hull cleaning wastewater a potential source of developmental toxicity on coastal non-target organisms?. <i>Aquatic Toxicology</i> , 2020, 227, 105615.	1.9	9
7	Development and Evaluation of Olive Flounder <i>cyp1a1</i> -Luciferase Assay for Effective Detection of CYP1A-Inducing Contaminants in Coastal Sediments. <i>Environmental Science & Technology</i> , 2020, 54, 15170-15179.	4.6	4
8	Tributyltin Affects Retinoid X Receptor-Mediated Lipid Metabolism in the Marine Rotifer <i>Brachionus koreanus</i> . <i>Environmental Science & Technology</i> , 2019, 53, 7830-7839.	4.6	17
9	Overlapping and unique toxic effects of three alternative antifouling biocides (Diuron, Irgarol 1051 [®] , Tj ETQq1 1 0,784314,rgBT /O	2.9	23
10	Zinc Pyrithione (ZnPT) as an Antifouling Biocide in the Marine Environment—a Literature Review of Its Toxicity, Environmental Fates, and Analytical Methods. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	34
11	Flux and distribution of methane (CH ₄) in the Gunsan Basin of the southeastern Yellow Sea, off the Western Korea. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 457-466.	0.9	3
12	Effects of bisphenol A and its analogs bisphenol F and S on life parameters, antioxidant system, and response of defensome in the marine rotifer <i>Brachionus koreanus</i> . <i>Aquatic Toxicology</i> , 2018, 199, 21-29.	1.9	59
13	Constant exposure to environmental concentrations of the antifouling biocide Sea-Nine retards growth and reduces acetylcholinesterase activity in a marine mysid. <i>Aquatic Toxicology</i> , 2018, 205, 165-173.	1.9	23
14	Exposure to sublethal concentrations of tributyltin reduced survival, growth, and 20-hydroxyecdysone levels in a marine mysid. <i>Marine Environmental Research</i> , 2018, 140, 96-103.	1.1	25
15	Comparative analysis of distinctive transcriptome profiles with biochemical evidence in bisphenol S- and benzo[a]pyrene-exposed liver tissues of the olive flounder <i>Paralichthys olivaceus</i> . <i>PLoS ONE</i> , 2018, 13, e0196425.	1.1	17
16	Plasma biomarkers in juvenile marine fish provide evidence for endocrine modulation potential of organotin compounds. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 210, 35-43.	1.3	4
17	Adverse effects and immune dysfunction in response to oral administration of weathered Iranian heavy crude oil in the rockfish <i>Sebastes schlegelii</i> . <i>Aquatic Toxicology</i> , 2018, 200, 127-135.	1.9	9
18	Microbial Community Structure Associated with Biogeochemical Processes in the Sulfate-Methane Transition Zone (SMTZ) of Gas-hydrate-bearing Sediment of the Ulleung Basin, East Sea. <i>Geomicrobiology Journal</i> , 2017, 34, 207-219.	1.0	17

#	ARTICLE	IF	CITATIONS
19	RNA seq- and DEG-based comparison of developmental toxicity in fish embryos of two species exposed to Iranian heavy crude oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 196, 1-10.	1.3	9
20	Developmental toxicity in flounder embryos exposed to crude oils derived from different geographical regions. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 196, 19-26.	1.3	6
21	Non-target effects of antifouling agents on mortality, hatching success, and acetylcholinesterase activity in the brine shrimp <i>Artemia salina</i> . <i>Toxicology and Environmental Health Sciences</i> , 2017, 9, 237-243.	1.1	11
22	Contamination and Human Health Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Oysters After the Wu Yi San Oil Spill in Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 103-117.	2.1	15
23	Environmental Impacts and Recovery After the Hebei Spirit Oil Spill in Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 47-54.	2.1	36
24	Long-Term Monitoring of PAH Contamination in Sediment and Recovery After the Hebei Spirit Oil Spill. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 93-102.	2.1	23
25	Origins of suspended particulate matter based on sterol distribution in low salinity water mass observed in the offshore East China Sea. <i>Marine Pollution Bulletin</i> , 2016, 108, 281-288.	2.3	16
26	Assessment of the fitness of the mussel <i>Mytilus galloprovincialis</i> two years after the Hebei Spirit oil spill. <i>Marine Pollution Bulletin</i> , 2016, 113, 324-331.	2.3	12
27	Modeling the changes in the concentration of aromatic hydrocarbons from an oil-coated gravel column. <i>Ocean Science Journal</i> , 2015, 50, 763-773.	0.6	5
28	Differential Toxicokinetics Determines the Sensitivity of Two Marine Embryonic Fish Exposed to Iranian Heavy Crude Oil. <i>Environmental Science & Technology</i> , 2015, 49, 13639-13648.	4.6	52
29	The macrofaunal communities in the shallow subtidal areas for the first 3 years after the Hebei Spirit oil spill. <i>Marine Pollution Bulletin</i> , 2014, 82, 208-220.	2.3	23
30	Bathymetric influence on dissolved methane in hydrothermal plumes revealed by concentration and stable carbon isotope measurements at newly discovered venting sites on the Central Indian Ridge (11°N-13°S). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 91, 17-26.	0.6	11
31	Petroleum hydrocarbon contaminations in the intertidal seawater after the Hebei Spirit oil spill – Effect of tidal cycle on the TPH concentrations and the chromatographic characterization of seawater extracts. <i>Water Research</i> , 2013, 47, 758-768.	5.3	62
32	Mesocosm study on weathering characteristics of Iranian Heavy crude oil with and without dispersants. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 37-46.	6.5	16
33	Acute toxic responses of the rockfish (<i>Sebastes schlegelii</i>) to Iranian heavy crude oil: Feeding disrupts the biotransformation and innate immune systems. <i>Fish and Shellfish Immunology</i> , 2013, 35, 357-365.	1.6	17
34	Initial impacts of the Hebei Spirit oil spill on the sandy beach macrobenthic community west coast of Korea. <i>Marine Pollution Bulletin</i> , 2013, 70, 189-196.	2.3	33
35	Spatial variability of biochemical responses in resident fish after the M/V Hebei Spirit Oil Spill (Tae-an, Tj ETQq1 1 0.784314 rgBT /Over	0.6	29
36	Oil Spill Environmental Forensics: the Hebei Spirit Oil Spill Case. <i>Environmental Science & Technology</i> , 2012, 46, 6431-6437.	4.6	108

#	ARTICLE	IF	CITATIONS
37	Chemical tracers, sterol biomarkers and satellite imagery in the study of a river plume ecosystem in the Yellow Sea. <i>Continental Shelf Research</i> , 2012, 33, 29-36.	0.9	20
38	Stronger impact of dispersant plus crude oil on natural plankton assemblages in short-term marine mesocosms. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 338-349.	6.5	56
39	Identification of Major Crude Oils Imported into Korea using Molecular and Stable Carbon Isotopic Compositions. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2012, 15, 247-256.	0.1	1
40	Fingerprint and weathering characteristics of stranded oils after the Hebei Spirit oil spill. <i>Journal of Hazardous Materials</i> , 2011, 197, 60-69.	6.5	116
41	Biomarker responses in pelagic and benthic fish over 1 year following the Hebei Spirit oil spill (Taeon, Tj ETQq1 1 0,784314 rgBT /Ove	2.3	96
42	Status and trend of butyltin contamination in Masan Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2011, 3, 46-53.	1.1	10
43	Tracing origins of sewage and organic matter using dissolved sterols in Masan and Haengam Bay, Korea. <i>Ocean Science Journal</i> , 2011, 46, 95-103.	0.6	16
44	Hebei Spirit oil spill monitored on site by fluorometric detection of residual oil in coastal waters off Taeon, Korea. <i>Marine Pollution Bulletin</i> , 2010, 60, 383-389.	2.3	98
45	Assessment of sediment contamination by persistent organic pollutants in Gyeonggi Bay, Korea. <i>Toxicology and Environmental Health Sciences</i> , 2009, 1, 56-63.	1.1	12
46	Methane-derived authigenic carbonates from the Ulleung basin sediments, East Sea of Korea. <i>Continental Shelf Research</i> , 2009, 29, 1588-1596.	0.9	24
47	Source characterization using compound composition and stable carbon isotope ratio of PAHs in sediments from lakes, harbor, and shipping waterway. <i>Science of the Total Environment</i> , 2008, 389, 367-377.	3.9	53
48	Molecular and stable carbon isotopic characterization of PAH contaminants at McMurdo Station, Antarctica. <i>Marine Pollution Bulletin</i> , 2006, 52, 1585-1590.	2.3	32
49	Organic geochemistry indicates Gebel El Zeit, Gulf of Suez, is a source of bitumen used in some Egyptian mummies. <i>Geoarchaeology - an International Journal</i> , 2005, 20, 211-228.	0.7	47
50	Polycyclic Aromatic Hydrocarbon Purification Procedures for Compound Specific Isotope Analysis. <i>Environmental Science & Technology</i> , 2005, 39, 6770-6776.	4.6	29
51	Compositional Changes of Aromatic Steroid Hydrocarbons in Naturally Weathered Oil Residues in the Egyptian Western Desert. <i>Environmental Forensics</i> , 2002, 3, 219-225.	1.3	3
52	Organochlorine pesticides and PCB residues in sediments of Alexandria Harbour, Egypt. <i>Marine Pollution Bulletin</i> , 2002, 44, 1426-1434.	2.3	132
53	Chemical characterization of naturally weathered oil residues in arid terrestrial environment in Al-Alamein, Egypt. <i>Environment International</i> , 2001, 27, 291-310.	4.8	49
54	Butyltin compounds in sediments from the commercial harbor of Alexandria City, Egypt. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2744-2748.	2.2	20

#	ARTICLE	IF	CITATIONS
55	Tidally Induced Changes in Bacterial Growth and Viability in the Macrotidal Han River Estuary, Yellow Sea. <i>Estuarine, Coastal and Shelf Science</i> , 1999, 48, 143-153.	0.9	26