# Moonkoo Kim

List of Publications by Year
in descending order

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

Version: 2024-02-01

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|---|---|---|---|
| 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 | Organochlorine pesticides and PCB residues in sediments of Alexandria Harbour, Egypt. Marine Pollution Bulletin, 2002, 44, 1426-1434. | 2.3 | 132 |
| 2 | Fingerprint and weathering characteristics of stranded oils after the Hebei Spirit oil spill. Journal of Hazardous Materials, 2011, 197, 60-69. | 6.5 | 116 |
| 3 | Oil Spill Environmental Forensics: the Hebei Spirit Oil Spill Case. Environmental Science & Technology, 2012, 46, 6431-6437. | 4.6 | 108 |
| 4 | Hebei Spirit oil spill monitored on site by fluorometric detection of residual oil in coastal waters off Taean, Korea. Marine Pollution Bulletin, 2010, 60, 383-389. | 2.3 | 98 |
| 5 | Biomarker responses in pelagic and benthic fish over 1 year following the Hebei Spirit oil spill (Taean,) Tj ETQq1 1 0.784314 rgBT /Ove | 2.3 | 76 |
| 6 | Petroleum hydrocarbon contaminations in the intertidal seawater after the Hebei Spirit oil spill â€“ Effect of tidal cycle on the TPH concentrations and the chromatographic characterization of seawater extracts. Water Research, 2013, 47, 758-768. | 5.3 | 62 |
| 7 | Effects of bisphenol A and its analogs bisphenol F and S on life parameters, antioxidant system, and response of defensome in the marine rotifer Brachionus koreanus. Aquatic Toxicology, 2018, 199, 21-29. | 1.9 | 59 |
| 8 | Stronger impact of dispersant plus crude oil on natural plankton assemblages in short-term marine mesocosms. Journal of Hazardous Materials, 2012, 217-218, 338-349. | 6.5 | 56 |
| 9 | Source characterization using compound composition and stable carbon isotope ratio of PAHs in sediments from lakes, harbor, and shipping waterway. Science of the Total Environment, 2008, 389, 367-377. | 3.9 | 53 |
| 10 | Differential Toxicokinetics Determines the Sensitivity of Two Marine Embryonic Fish Exposed to Iranian Heavy Crude Oil. Environmental Science & Technology, 2015, 49, 13639-13648. | 4.6 | 52 |
| 11 | Chemical characterization of naturally weathered oil residues in arid terrestrial environment in Al-Alamein, Egypt. Environment International, 2001, 27, 291-310. | 4.8 | 49 |
| 12 | Organic geochemistry indicates Gebel El Zeit, Gulf of Suez, is a source of bitumen used in some Egyptian mummies. Geoarchaeology - an International Journal, 2005, 20, 211-228. | 0.7 | 47 |
| 13 | Environmental Impacts and Recovery After the Hebei Spirit Oil Spill in Korea. Archives of Environmental Contamination and Toxicology, 2017, 73, 47-54. | 2.1 | 36 |
| 14 | Zinc Pyrithione (ZnPT) as an Antifouling Biocide in the Marine Environmentâ€”a Literature Review of Its Toxicity, Environmental Fates, and Analytical Methods. Water, Air, and Soil Pollution, 2019, 230, 1. | 1.1 | 34 |
| 15 | Initial impacts of the Hebei Spirit oil spill on the sandy beach macrobenthic community west coast of Korea. Marine Pollution Bulletin, 2013, 70, 189-196. | 2.3 | 33 |
| 16 | Molecular and stable carbon isotopic characterization of PAH contaminants at McMurdo Station, Antarctica. Marine Pollution Bulletin, 2006, 52, 1585-1590. | 2.3 | 32 |
| 17 | Polycyclic Aromatic Hydrocarbon Purification Procedures for Compound Specific Isotope Analysis. Environmental Science & Technology, 2005, 39, 6770-6776. | 4.6 | 29 |
| 18 | Spatial variability of biochemical responses in resident fish after the M/V Hebei Spirit Oil Spill (Taean,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.6 | 29 |

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|---|---|---|---|
| 19 | Tidally Induced Changes in Bacterial Growth and Viability in the Macrotidal Han River Estuary, Yellow Sea. Estuarine, Coastal and Shelf Science, 1999, 48, 143-153. | 0.9 | 26 |
| 20 | Exposure to sublethal concentrations of tributyltin reduced survival, growth, and 20-hydroxyecdysone levels in a marine mysid. Marine Environmental Research, 2018, 140, 96-103. | 1.1 | 25 |
| 21 | Methane-derived authigenic carbonates from the Ulleung basin sediments, East Sea of Korea. Continental Shelf Research, 2009, 29, 1588-1596. | 0.9 | 24 |
| 22 | Rapid recovery of coastal environment and ecosystem to the Hebei Spirit oil spillâ€™s impact. Environment International, 2020, 136, 105438. | 4.8 | 24 |
| 23 | The macrofaunal communities in the shallow subtidal areas for the first 3years after the Hebei Spirit oil spill. Marine Pollution Bulletin, 2014, 82, 208-220. | 2.3 | 23 |
| 24 | Long-Term Monitoring of PAH Contamination in Sediment and Recovery After the Hebei Spirit Oil Spill. Archives of Environmental Contamination and Toxicology, 2017, 73, 93-102. | 2.1 | 23 |
| 25 | Constant exposure to environmental concentrations of the antifouling biocide Sea-Nine retards growth and reduces acetylcholinesterase activity in a marine mysid. Aquatic Toxicology, 2018, 205, 165-173. | 1.9 | 23 |
| 26 | Overlapping and unique toxic effects of three alternative antifouling biocides (Diuron, Irgarol 1051Â®,) Tj ETQq0 0 0 rgBT /Overlock 10 T | 2.9 | 23 |
| 27 | Butyltin compounds in sediments from the commercial harbor of Alexandria City, Egypt. Environmental Toxicology and Chemistry, 2001, 20, 2744-2748. | 2.2 | 20 |
| 28 | Chemical tracers, sterol biomarkers and satellite imagery in the study of a river plume ecosystem in the Yellow Sea. Continental Shelf Research, 2012, 33, 29-36. | 0.9 | 20 |
| 29 | Acute toxic responses of the rockfish (Sebastes schlegeli) to Iranian heavy crude oil: Feeding disrupts the biotransformation and innate immune systems. Fish and Shellfish Immunology, 2013, 35, 357-365. | 1.6 | 17 |
| 30 | Microbial Community Structure Associated with Biogeochemical Processes in the Sulfateâ€“Methane Transition Zone (SMTZ) of Gas-hydrate-bearing Sediment of the Ulleung Basin, East Sea. Geomicrobiology Journal, 2017, 34, 207-219. | 1.0 | 17 |
| 31 | Comparative analysis of distinctive transcriptome profiles with biochemical evidence in bisphenol S- and benzo[a]pyrene-exposed liver tissues of the olive flounder Paralichthys olivaceus. PLoS ONE, 2018, 13, e0196425. | 1.1 | 17 |
| 32 | Tributyltin Affects Retinoid X Receptor-Mediated Lipid Metabolism in the Marine Rotifer Brachionus koreanus. Environmental Science & Technology, 2019, 53, 7830-7839. | 4.6 | 17 |
| 33 | Characterization of hazards and environmental risks of wastewater effluents from ship hull cleaning by hydroblasting. Journal of Hazardous Materials, 2021, 403, 123708. | 6.5 | 17 |
| 34 | Tracing origins of sewage and organic matter using dissolved sterols in Masan and Haengam Bay, Korea. Ocean Science Journal, 2011, 46, 95-103. | 0.6 | 16 |
| 35 | Mesocosm study on weathering characteristics of Iranian Heavy crude oil with and without dispersants. Journal of Hazardous Materials, 2013, 248-249, 37-46. | 6.5 | 16 |
| 36 | Origins of suspended particulate matter based on sterol distribution in low salinity water mass observed in the offshore East China Sea. Marine Pollution Bulletin, 2016, 108, 281-288. | 2.3 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Contamination and Human Health Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Oysters After the Wu Yi San Oil Spill in Korea. Archives of Environmental Contamination and Toxicology, 2017, 73, 103-117. | 2.1 | 15 |
| 38 | Seawater contamination associated with in-water cleaning of ship hulls and the potential risk to the marine environment. Marine Pollution Bulletin, 2021, 171, 112694. | 2.3 | 14 |
| 39 | Assessment of sediment contamination by persistent organic pollutants in Gyeonggi Bay, Korea. Toxicology and Environmental Health Sciences, 2009, 1, 56-63. | 1.1 | 12 |
| 40 | Assessment of the fitness of the mussel Mytilus galloprovincialis two years after the Hebei Spirit oil spill. Marine Pollution Bulletin, 2016, 113, 324-331. | 2.3 | 12 |
| 41 | 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 (11â€“13Â°S). Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 91, 17-26. | 0.6 | 11 |
| 42 | Non-target effects of antifouling agents on mortality, hatching success, and acetylcholinesterase activity in the brine shrimp Artemia salina. Toxicology and Environmental Health Sciences, 2017, 9, 237-243. | 1.1 | 11 |
| 43 | Status and trend of butyltin contamination in Masan Bay, Korea. Toxicology and Environmental Health Sciences, 2011, 3, 46-53. | 1.1 | 10 |
| 44 | RNA seq- and DEG-based comparison of developmental toxicity in fish embryos of two species exposed to Iranian heavy crude oil. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 196, 1-10. | 1.3 | 9 |
| 45 | Adverse effects and immune dysfunction in response to oral administration of weathered Iranian heavy crude oil in the rockfish Sebastes schlegeli. Aquatic Toxicology, 2018, 200, 127-135. | 1.9 | 9 |
| 46 | Is hull cleaning wastewater a potential source of developmental toxicity on coastal non-target organisms?. Aquatic Toxicology, 2020, 227, 105615. | 1.9 | 9 |
| 47 | Comparative toxicity study of waterborne two booster biocides (CuPT and ZnPT) on embryonic flounder (Paralichthys olivaceus). Ecotoxicology and Environmental Safety, 2022, 233, 113337. | 2.9 | 7 |
| 48 | Developmental toxicity in flounder embryos exposed to crude oils derived from different geographical regions. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 196, 19-26. | 1.3 | 6 |
| 49 | Modeling the changes in the concentration of aromatic hydrocarbons from an oil-coated gravel column. Ocean Science Journal, 2015, 50, 763-773. | 0.6 | 5 |
| 50 | Sediment quality assessment combining chemical and biological (non)target analysis. Aquatic Toxicology, 2021, 238, 105883. | 1.9 | 5 |
| 51 | Plasma biomarkers in juvenile marine fish provide evidence for endocrine modulation potential of organotin compounds. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 210, 35-43. | 1.3 | 4 |
| 52 | Development and Evaluation of Olive Flounder cyp1a1-Luciferase Assay for Effective Detection of CYP1A-Inducing Contaminants in Coastal Sediments. Environmental Science & Technology, 2020, 54, 15170-15179. | 4.6 | 4 |
| 53 | Compositional Changes of Aromatic Steroid Hydrocarbons in Naturally Weathered Oil Residues in the Egyptian Western Desert. Environmental Forensics, 2002, 3, 219-225. | 1.3 | 3 |
| 54 | Flux and distribution of methane (CH<sub>4</sub>) in the Gunsan Basin of the southeastern Yellow Sea, off the Western Korea. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 457-466. | 0.9 | 3 |

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|---|---|---|---|
| 55 | Identification of Major Crude Oils Imported into Korea using Molecular and Stable Carbon Isotopic Compositions. Journal of the Korean Society for Marine Environment & Energy, 2012, 15, 247-256. | 0.1 | 1 |