Kay T Ho

List of Publications by Year
in descending order

61 papers	2,291 citations	249298 26 h-index	242451 47 g-index
61 all docs	61 docs citations	61 times ranked	3020 citing authors

#	Article	IF	Citations
1	Assessing the environmental effects related to quantum dot structure, function, synthesis and exposure. Environmental Science: Nano, 2022, 9, 867-910.	2.2	11
2	Nano-enabled pesticides for sustainable agriculture and global food security. Nature Nanotechnology, 2022, 17, 347-360.	15.6	219
3	Application of Biomarker Tools Using Bivalve Models Toward the Development of Adverse Outcome Pathways for Contaminants of Emerging Concern. Environmental Toxicology and Chemistry, 2020, 39, 1472-1484.	2.2	21
4	Contaminants, mutagenicity and toxicity in the surface waters of Kyiv, Ukraine. Marine Pollution Bulletin, 2020, 155, 111153.	2.3	9
5	Effects of graphene oxide nanomaterial exposures on the marine bivalve, Crassostrea virginica. Aquatic Toxicology, 2019, 216, 105297.	1.9	36
6	A 72â€h exposure study with eastern oysters (<i>Crassostrea virginica</i>) and the nanomaterial graphene oxide. Environmental Toxicology and Chemistry, 2019, 38, 820-830.	2.2	22
7	Fate and Transformation of Graphene Oxide in Estuarine and Marine Waters. Environmental Science & Technology, 2019, 53, 5858-5867.	4.6	28
8	Strategies for robust and accurate experimental approaches to quantify nanomaterial bioaccumulation across a broad range of organisms. Environmental Science: Nano, 2019, 6, 1619-1656.	2.2	48
9	Challenges associated with performing environmental research on titanium dioxide nanoparticles in aquatic environments. Integrated Environmental Assessment and Management, 2018, 14, 298-300.	1.6	1
10	Detection and Quantification of Graphene-Family Nanomaterials in the Environment. Environmental Science & Technology, 2018, 52, 4491-4513.	4.6	147
11	Assessing the release of copper from nanocopper-treated and conventional copper-treated lumber into marine waters II: Forms and bioavailability. Environmental Toxicology and Chemistry, 2018, 37, 1969-1979.	2.2	10
12	Assessing the release of copper from nanocopperâ€treated and conventional copperâ€treated lumber into marine waters I: Concentrations and rates. Environmental Toxicology and Chemistry, 2018, 37, 1956-1968.	2.2	16
13	Effects of micronized and nanoâ€copper azole on marine benthic communities. Environmental Toxicology and Chemistry, 2018, 37, 362-375.	2.2	17
14	Cellular responses to inÂvitro exposures to Î²-blocking pharmaceuticals in hard clams and Eastern oysters. Chemosphere, 2018, 211, 360-370.	4.2	11
15	Magnitude of acute toxicity of marine sediments amended with conventional copper and nanocopper. Environmental Toxicology and Chemistry, 2018, 37, 2677-2681.	2.2	2
16	Aggregation, Sedimentation, Dissolution, and Bioavailability of Quantum Dots in Estuarine Systems. Environmental Science & Technology, 2017, 51, 1357-1363.	4.6	30
17	Microplastics in the aquatic environmentâ€"Perspectives on the scope of the problem. Environmental Toxicology and Chemistry, 2017, 36, 2259-2265.	2.2	6
18	A comprehensive framework for evaluating the environmental health and safety implications of engineered nanomaterials. Critical Reviews in Toxicology, 2017, 47, 771-814.	1.9	54

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19	Particleâ€bound metal transport after removal of a small dam in the Pawtuxet River, Rhode Island, USA. Integrated Environmental Assessment and Management, 2017, 13, 675-685.	1.6	2
20	Diagnosis of potential stressors adversely affecting benthic invertebrate communities in Greenwich Bay, Rhode Island, USA. Environmental Toxicology and Chemistry, 2017, 36, 449-462.	2.2	6
21	Environmental biodegradability of [¹⁴C] singleâ€walled carbon nanotubes by <i>Trametes versicolor</i> and natural microbial cultures found in New Bedford Harbor sediment and aerated wastewater treatment plant sludge. Environmental Toxicology and Chemistry, 2015, 34, 247-251.	2.2	46
22	Adapting OECD Aquatic Toxicity Tests for Use with Manufactured Nanomaterials: Key Issues and Consensus Recommendations. Environmental Science & Technology, 2015, 49, 9532-9547.	4.6	153
23	Effects of single-walled carbon nanotubes on the bioavailability of PCBs in field-contaminated sediments. Nanotoxicology, 2014, 8, 111-117.	1.6	27
24	On the likelihood of singleâ€walled carbon nanotubes causing adverse marine ecological effects. Integrated Environmental Assessment and Management, 2014, 10, 472-474.	1.6	7
25	A molecularâ€based approach for examining responses of eukaryotes in microcosms to contaminantâ€spiked estuarine sediments. Environmental Toxicology and Chemistry, 2014, 33, 359-369.	2.2	48
26	Stability and aggregation of silver and titanium dioxide nanoparticles in seawater: Role of salinity and dissolved organic carbon. Environmental Toxicology and Chemistry, 2014, 33, 1023-1029.	2.2	68
27	Toxicity, Bioaccumulation, and Biotransformation of Silver Nanoparticles in Marine Organisms. Environmental Science & Technology, 2014, 48, 13711-13717.	4.6	62
28	Bioaccumulation and toxicity of singleâ€walled carbon nanotubes to benthic organisms at the base of the marine food chain. Environmental Toxicology and Chemistry, 2013, 32, 1270-1277.	2.2	58
29	Use of a novel sediment exposure to determine the effects of triclosan on estuarine benthic communities. Environmental Toxicology and Chemistry, 2013, 32, 384-392.	2.2	18
30	Linkage of Genomic Biomarkers to Whole Organism End Points in a Toxicity Identification Evaluation (TIE). Environmental Science & Technology, 2013, 47, 1306-1312.	4.6	25
31	What's causing toxicity in sediments? Results of twenty years of toxicity identification and evaluations (TIES). Environmental Toxicology and Chemistry, 2013, 32, n/a-n/a.	2.2	31
32	Effects of triclosan on marine benthic and epibenthic organisms. Environmental Toxicology and Chemistry, 2012, 31, 1861-1866.	2.2	48
33	Diagnosis of potential stressors adversely affecting benthic communities in New Bedford Harbor, MA (USA). Integrated Environmental Assessment and Management, 2012, 8, 685-702.	1.6	4
34	Distribution, magnitude and characterization of the toxicity of Ukrainian estuarine sediments. Marine Pollution Bulletin, 2011, 62, 2442-2462.	2.3	15
35	Limitations of reverse polyethylene samplers (RePES) for evaluating toxicity of field contaminated sediments. Chemosphere, 2011, 83, 247-254.	4.2	6
36	Can sediment total organic carbon and grain size be used to diagnose organic enrichment in estuaries?. Environmental Toxicology and Chemistry, 2011, 30, 538-547.	2.2	31

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37	Assessment of supercritical fluid extraction use in whole sediment toxicity identification evaluations. Environmental Toxicology and Chemistry, 2011, 30, 819-827.	2.2	7
38	Recent Developments in Whole Sediment Toxicity Identification Evaluations: Innovations in Manipulations and Endpoints. Handbook of Environmental Chemistry, 2011, , 19-40.	0.2	7
39	Bioavailability assessment of a contaminated field sediment from Patrick Bayou, Texas, USA: Toxicity identification evaluation and equilibrium partitioning. Environmental Toxicology and Chemistry, 2010, 29, 742-750.	2.2	14
40	Concentration and distribution of hydrophobic organic contaminants and metals in the estuaries of Ukraine. Marine Pollution Bulletin, 2009, 58, 1103-1115.	2.3	23
41	EVALUATION OF THE EFFECTS OF COAL FLY ASH AMENDMENTS ON THE TOXICITY OF A CONTAMINATED MARINE SEDIMENT. Environmental Toxicology and Chemistry, 2009, 28, 26.	2.2	26
42	DEVELOPMENT AND EVALUATION OF REVERSE POLYETHYLENE SAMPLERS FOR MARINE PHASE II WHOLE-SEDIMENT TOXICITY IDENTIFICATION EVALUATIONS. Environmental Toxicology and Chemistry, 2009, 28, 749.	2.2	32
43	Comparing Polychaete and Polyethylene Uptake to Assess Sediment Resuspension Effects on PCB Bioavailability. Environmental Science & Technology, 2009, 43, 2865-2870.	4.6	66
44	Do Toxicity Identification and Evaluation Laboratory-Based Methods Reflect Causes of Field Impairment?. Environmental Science & Technology, 2009, 43, 6857-6863.	4.6	9
45	Marine Sediment Toxicity Identification Evaluations (TIEs): History, Principles, Methods, and Future Research. , 2008, , 75-95.		10
46	MARINE SEDIMENT TOXICITY IDENTIFICATION EVALUATION METHODS FOR THE ANIONIC METALS ARSENIC AND CHROMIUM. Environmental Toxicology and Chemistry, 2007, 26, 61.	2.2	16
47	USE OF POWDERED COCONUT CHARCOAL AS A TOXICITY IDENTIFICATION AND EVALUATION MANIPULATION FOR ORGANIC TOXICANTS IN MARINE SEDIMENTS. Environmental Toxicology and Chemistry, 2004, 23, 2124.	2.2	53
48	A toxicity identification evaluation of silty marine harbor sediments to characterize persistent and non-persistent constituents. Marine Pollution Bulletin, 2003, 46, 56-64.	2.3	21
49	An overview of toxicant identification in sediments and dredged materials. Marine Pollution Bulletin, 2002, 44, 286-293.	2.3	93
50	Issues in sediment toxicity and ecological risk assessment. Marine Pollution Bulletin, 2002, 44, 271-278.	2.3	106
51	Use of <i>Ulva lactuca</i> to identify ammonia toxicity in marine and estuarine sediments. Environmental Toxicology and Chemistry, 2001, 20, 2852-2859.	2.2	9
52	Development of a toxicity identification evaluation procedure for characterizing metal toxicity in marine sediments. Environmental Toxicology and Chemistry, 2000, 19, 982-991.	2.2	68
53	Importance of maternal transfer of the photoreactive polycyclic aromatic hydrocarbon fluoranthene from benthic adult bivalves to their pelagic larvae. Environmental Toxicology and Chemistry, 2000, 19, 2691-2698.	2.2	23
54	Development of a toxicity identification evaluation procedure for characterizing metal toxicity in marine sediments. , 2000, 19, 982.		6

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55	Importance of maternal transfer of the photoreactive polycyclic aromatic hydrocarbon fluoranthene from benthic adult bivalves to their pelagic larvae. , 2000, 19, 2691.		2
56	Use ofUlva Lactucato distinguish pH-dependent toxicants in marine waters and sediments. Environmental Toxicology and Chemistry, 1999, 18, 207-212.	2.2	27
57	Interlaboratory precision study of a whole sediment toxicity test with the bioluminescent bacteriumVibrio fischeri. Environmental Toxicology, 1999, 14, 339-345.	2.1	16
58	Identification of acute toxicants in new bedford harbor sediments. Environmental Toxicology and Chemistry, 1997, 16, 551-558.	2.2	72
59	Phototoxicity of individual polycyclic aromatic hydrocarbons and petroleum to marine invertebrate larvae and juveniles. Environmental Toxicology and Chemistry, 1997, 16, 2190-2199.	2.2	201
60	Identification of acute toxicants in new bedford harbor sediments. , 1997, 16, 551.		6
61	Toxicity characterization of an industrial and a municipal effluent discharging to the marine environment. Marine Pollution Bulletin, 1995, 30, 524-535.	2.3	35