Kara Huff

List of Publications by Year
in descending order

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48 papers	1,678 citations	361045 20 h-index	329751 37 g-index
48 all docs	48 docs citations	48 times ranked	1719 citing authors

#	Article	IF	Citations
1	Dietary Exposure to Bifenthrin and Fipronil Impacts Swimming Performance in Juvenile Chinook Salmon (Oncorhynchus tshawytscha). Environmental Science & Technology, 2022, 56, 5071-5080.	4.6	7
2	Pesticide residues in juvenile Chinook salmon and prey items of the Sacramento River watershed, California â€“ A comparison of riverine and floodplain habitats. Environmental Pollution, 2022, 303, 119102.	3.7	8
3	Effects of temperature and salinity on bioconcentration and toxicokinetics of permethrin in pyrethroid-resistant Hyalella azteca. Chemosphere, 2022, 299, 134393.	4.2	4
4	Bioavailability of legacy and current-use pesticides in juvenile Chinook salmon habitat of the Sacramento River watershed: Importance of sediment characteristics and extraction techniques. Chemosphere, 2022, 298, 134174.	4.2	4
5	Fitness costs of pesticide resistance in Hyalella azteca under future climate change scenarios. Science of the Total Environment, 2021, 753, 141945.	3.9	9
6	Exposure to permethrin or chlorpyrifos causes differential dose- and time-dependent behavioral effects at early larval stages of an endangered teleost species. Endangered Species Research, 2021, 44, 89-103.	1.2	16
7	Pyrethroid bioaccumulation in field-collected insecticide-resistant Hyalella azteca. Ecotoxicology, 2021, 30, 514-523.	1.1	8
8	Effects of dietary cypermethrin exposure on swimming performance and expression of lipid homeostatic genes in livers of juvenile Chinook salmon, Oncorhynchus tshawytscha. Ecotoxicology, 2021, 30, 257-267.	1.1	11
9	Transcriptomic and Histopathological Effects of Bifenthrin to the Brain of Juvenile Rainbow Trout (Oncorhynchus mykiss). Toxics, 2021, 9, 48.	1.6	17
10	Trophic transfer, bioaccumulation and transcriptomic effects of permethrin in inland silversides, Menidia beryllina, under future climate scenarios. Environmental Pollution, 2021, 275, 116545.	3.7	22
11	The contribution of detoxification pathways to pyrethroid resistance in Hyalella azteca. Environmental Pollution, 2021, 284, 117158.	3.7	6
12	Bioaccumulation potential of chlorpyrifos in resistant Hyalella azteca: Implications for evolutionary toxicology. Environmental Pollution, 2021, 289, 117900.	3.7	7
13	Enhanced trophic transfer of chlorpyrifos from resistant Hyalella azteca to inland silversides (Menidia beryllina) and effects on acetylcholinesterase activity and swimming performance at varying temperatures. Environmental Pollution, 2021, 291, 118217.	3.7	9
14	Recessivity of pyrethroid resistance and limited interspecies hybridization across Hyalella clades supports rapid and independent origins of resistance. Environmental Pollution, 2020, 266, 115074.	3.7	9
15	Analysis of RNA Interference (RNAi) Biopesticides: Double-Stranded RNA (dsRNA) Extraction from Agricultural Soils and Quantification by RT-qPCR. Environmental Science & Technology, 2020, 54, 4893-4902.	4.6	17
16	The G119S aceâ€1 mutation confers adaptive organophosphate resistance in a nontarget amphipod. Evolutionary Applications, 2020, 13, 620-635.	1.5	15
17	Lifelong Exposure to Dioxin-Like PCBs Alters Paternal Offspring Care Behavior and Reduces Male Fish Reproductive Success. Environmental Science & Technology, 2019, 53, 11507-11514.	4.6	14
18	Survey of bioaccessible pyrethroid insecticides and sediment toxicity in urban streams of the northeast United States. Environmental Pollution, 2019, 254, 112931.	3.7	23

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19	An Examination of Exposure Routes of Fluvalinate to Larval and Adult Honey Bees (<i>Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.2	11
20	An assessment of pesticide exposures and land use of honey bees in Virginia. Chemosphere, 2019, 222, 489-493.	4.2	38
21	Are there fitness costs of adaptive pyrethroid resistance in the amphipod, Hyalella azteca?. Environmental Pollution, 2018, 235, 39-46.	3.7	32
22	Effects of type and quantity of organic carbon on the bioaccessibility of polychlorinated biphenyls in contaminated sediments. Environmental Toxicology and Chemistry, 2018, 37, 1280-1290.	2.2	6
23	The Value of Using Multiple Metrics to Evaluate PCB Exposure. Archives of Environmental Contamination and Toxicology, 2018, 74, 361-371.	2.1	9
24	Effect of sample holding time on bioaccessibility and sediment ecotoxicological assessments. Environmental Pollution, 2018, 242, 2078-2087.	3.7	9
25	The robustness of single-point Tenax extractions of pyrethroids: Effects of the Tenax to organic carbon mass ratio on exposure estimates. Chemosphere, 2017, 171, 308-317.	4.2	12
26	Fate and transport of furrow-applied granular tefluthrin and seed-coated clothianidin insecticides: Comparison of field-scale observations and model estimates. Ecotoxicology, 2017, 26, 876-888.	1.1	16
27	Methodological and Environmental Impacts on Bioaccessibility Estimates Provided by Single-Point Tenax Extractions. Archives of Environmental Contamination and Toxicology, 2017, 72, 612-621.	2.1	9
28	Do pyrethroid-resistant Hyalella azteca have greater bioaccumulation potential compared to non-resistant populations? Implications for bioaccumulation in fish. Environmental Pollution, 2017, 220, 375-382.	3.7	33
29	Fate and risk of atrazine and sulfentrazone to nontarget species at an agriculture site. Environmental Toxicology and Chemistry, 2017, 36, 1301-1310.	2.2	23
30	Testâ€“retest reliability and construct validity of the Aspects of Wheelchair Mobility Test as a measure of the mobility of wheelchair users. African Journal of Disability, 2017, 6, 331.	0.7	2
31	Monoterpene emissions from bark beetle infested Engelmann spruce trees. Atmospheric Environment, 2013, 72, 130-133.	1.9	26
32	Characterization of secondary organic aerosol generated from ozonolysis of Î±-pinene mixtures. Atmospheric Environment, 2013, 67, 323-330.	1.9	14
33	Effect of Bark Beetle Infestation on Secondary Organic Aerosol Precursor Emissions. Environmental Science & Technology, 2012, 46, 5696-5703.	4.6	56
34	Secondary organic aerosol from biogenic volatile organic compound mixtures. Atmospheric Environment, 2011, 45, 2211-2219.	1.9	33
35	Laboratory Measurements of the Heterogeneous Oxidation of Condensed-Phase Organic Molecular Makers for Meat Cooking Emissions. Environmental Science & Technology, 2008, 42, 5177-5182.	4.6	26
36	Secondary organic aerosol from limona ketone: insights into terpene ozonolysis via synthesis of key intermediates. Physical Chemistry Chemical Physics, 2007, 9, 2991.	1.3	43

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37	Laboratory measurements of the oxidation kinetics of organic aerosol mixtures using a relative rate constants approach. Journal of Geophysical Research, 2007, 112, .	3.3	29
38	Secondary Organic Aerosol Formation from Limonene Ozonolysis:Â Homogeneous and Heterogeneous Influences as a Function of NOx. Journal of Physical Chemistry A, 2006, 110, 11053-11063.	1.1	146
39	Cloud condensation nuclei activation of limited solubility organic aerosol. Atmospheric Environment, 2006, 40, 605-617.	1.9	123
40	Secondary Organic Aerosol Production from Terpene Ozonolysis. 2. Effect of NOxConcentration. Environmental Science & Technology, 2005, 39, 7046-7054.	4.6	310
41	Critical factors determining the variation in SOA yields from terpene ozonolysis: A combined experimental and computational study. Faraday Discussions, 2005, 130, 295.	1.6	97
42	Secondary Organic Aerosol Production from Terpene Ozonolysis. 1. Effect of UV Radiation. Environmental Science & Technology, 2005, 39, 7036-7045.	4.6	168
43	Cloud condensation nuclei activation of monoterpene and sesquiterpene secondary organic aerosol. Journal of Geophysical Research, 2005, 110, n/a-n/a.	3.3	103
44	Kinetics and Mechanisms of Bromine Chloride Reactions with Bromite and Chlorite Ions. Inorganic Chemistry, 2004, 43, 7412-7420.	1.9	15
45	Kinetics and Mechanisms of S(IV) Reductions of Bromite and Chlorite Ions. Inorganic Chemistry, 2003, 42, 78-87.	1.9	25
46	Kinetics and Mechanisms of the Reactions of Hypochlorous Acid, Chlorine, and Chlorine Monoxide with Bromite Ion. Inorganic Chemistry, 2003, 42, 5818-5824.	1.9	17
47	Role of halogen(i) cation-transfer mechanisms in water chlorination in the presence of bromide ion. Journal of Environmental Monitoring, 2002, 4, 20-26.	2.1	33
48	Bromite Ion Catalysis of the Disproportionation of Chlorine Dioxide with Nucleophile Assistance of Electron-Transfer Reactions between ClO2 and BrO2 in Basic Solution. Inorganic Chemistry, 2002, 41, 108-113.	1.9	8