

Kara Huff

List of Publications by Year in descending order

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Version: 2024-02-01

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	Secondary Organic Aerosol Production from Terpene Ozonolysis. 2. Effect of NO _x Concentration. Environmental Science & Technology, 2005, 39, 7046-7054.	4.6	310
2	Secondary Organic Aerosol Production from Terpene Ozonolysis. 1. Effect of UV Radiation. Environmental Science & Technology, 2005, 39, 7036-7045.	4.6	168
3	Secondary Organic Aerosol Formation from Limonene Ozonolysis: Homogeneous and Heterogeneous Influences as a Function of NO _x . Journal of Physical Chemistry A, 2006, 110, 11053-11063.	1.1	146
4	Cloud condensation nuclei activation of limited solubility organic aerosol. Atmospheric Environment, 2006, 40, 605-617.	1.9	123
5	Cloud condensation nuclei activation of monoterpene and sesquiterpene secondary organic aerosol. Journal of Geophysical Research, 2005, 110, n/a-n/a.	3.3	103
6	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
7	Effect of Bark Beetle Infestation on Secondary Organic Aerosol Precursor Emissions. Environmental Science & Technology, 2012, 46, 5696-5703.	4.6	56
8	Secondary organic aerosol from limonene ketone: insights into terpene ozonolysis via synthesis of key intermediates. Physical Chemistry Chemical Physics, 2007, 9, 2991.	1.3	43
9	An assessment of pesticide exposures and land use of honey bees in Virginia. Chemosphere, 2019, 222, 489-493.	4.2	38
10	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
11	Secondary organic aerosol from biogenic volatile organic compound mixtures. Atmospheric Environment, 2011, 45, 2211-2219.	1.9	33
12	Do pyrethroid-resistant <i>Hyalella azteca</i> have greater bioaccumulation potential compared to non-resistant populations? Implications for bioaccumulation in fish. Environmental Pollution, 2017, 220, 375-382.	3.7	33
13	Are there fitness costs of adaptive pyrethroid resistance in the amphipod, <i>Hyalella azteca</i> ?. Environmental Pollution, 2018, 235, 39-46.	3.7	32
14	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
15	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
16	Monoterpene emissions from bark beetle infested Engelmann spruce trees. Atmospheric Environment, 2013, 72, 130-133.	1.9	26
17	Kinetics and Mechanisms of S(IV) Reductions of Bromite and Chlorite Ions. Inorganic Chemistry, 2003, 42, 78-87.	1.9	25
18	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

#	ARTICLE	IF	CITATIONS
19	Survey of bioaccessible pyrethroid insecticides and sediment toxicity in urban streams of the northeast United States. <i>Environmental Pollution</i> , 2019, 254, 112931.	3.7	23
20	Trophic transfer, bioaccumulation and transcriptomic effects of permethrin in inland silversides, <i>Menidia beryllina</i> , under future climate scenarios. <i>Environmental Pollution</i> , 2021, 275, 116545.	3.7	22
21	Kinetics and Mechanisms of the Reactions of Hypochlorous Acid, Chlorine, and Chlorine Monoxide with Bromite Ion. <i>Inorganic Chemistry</i> , 2003, 42, 5818-5824.	1.9	17
22	Analysis of RNA Interference (RNAi) Biopesticides: Double-Stranded RNA (dsRNA) Extraction from Agricultural Soils and Quantification by RT-qPCR. <i>Environmental Science & Technology</i> , 2020, 54, 4893-4902.	4.6	17
23	Transcriptomic and Histopathological Effects of Bifenthrin to the Brain of Juvenile Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Toxics</i> , 2021, 9, 48.	1.6	17
24	Fate and transport of furrow-applied granular tefluthrin and seed-coated clothianidin insecticides: Comparison of field-scale observations and model estimates. <i>Ecotoxicology</i> , 2017, 26, 876-888.	1.1	16
25	Exposure to permethrin or chlorpyrifos causes differential dose- and time-dependent behavioral effects at early larval stages of an endangered teleost species. <i>Endangered Species Research</i> , 2021, 44, 89-103.	1.2	16
26	Kinetics and Mechanisms of Bromine Chloride Reactions with Bromite and Chlorite Ions. <i>Inorganic Chemistry</i> , 2004, 43, 7412-7420.	1.9	15
27	The G119S <i>ace-1</i> mutation confers adaptive organophosphate resistance in a nontarget amphipod. <i>Evolutionary Applications</i> , 2020, 13, 620-635.	1.5	15
28	Characterization of secondary organic aerosol generated from ozonolysis of α -pinene mixtures. <i>Atmospheric Environment</i> , 2013, 67, 323-330.	1.9	14
29	Lifelong Exposure to Dioxin-Like PCBs Alters Paternal Offspring Care Behavior and Reduces Male Fish Reproductive Success. <i>Environmental Science & Technology</i> , 2019, 53, 11507-11514.	4.6	14
30	The robustness of single-point Tenax extractions of pyrethroids: Effects of the Tenax to organic carbon mass ratio on exposure estimates. <i>Chemosphere</i> , 2017, 171, 308-317.	4.2	12
31	An Examination of Exposure Routes of Fluvalinate to Larval and Adult Honey Bees (<i>Apis mellifera</i>). <i>Environmental Science & Technology</i> , 2018, 52, 1071-1078.	2.2	11
32	Effects of dietary cypermethrin exposure on swimming performance and expression of lipid homeostatic genes in livers of juvenile Chinook salmon, <i>Oncorhynchus tshawytscha</i> . <i>Ecotoxicology</i> , 2021, 30, 257-267.	1.1	11
33	Methodological and Environmental Impacts on Bioaccessibility Estimates Provided by Single-Point Tenax Extractions. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 612-621.	2.1	9
34	The Value of Using Multiple Metrics to Evaluate PCB Exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 361-371.	2.1	9
35	Effect of sample holding time on bioaccessibility and sediment ecotoxicological assessments. <i>Environmental Pollution</i> , 2018, 242, 2078-2087.	3.7	9
36	Recessivity of pyrethroid resistance and limited interspecies hybridization across <i>Hyalella</i> clades supports rapid and independent origins of resistance. <i>Environmental Pollution</i> , 2020, 266, 115074.	3.7	9

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37	Fitness costs of pesticide resistance in <i>Hyalella azteca</i> under future climate change scenarios. <i>Science of the Total Environment</i> , 2021, 753, 141945.	3.9	9
38	Enhanced trophic transfer of chlorpyrifos from resistant <i>Hyalella azteca</i> to inland silversides (<i>Menidia beryllina</i>) and effects on acetylcholinesterase activity and swimming performance at varying temperatures. <i>Environmental Pollution</i> , 2021, 291, 118217.	3.7	9
39	Bromite Ion Catalysis of the Disproportionation of Chlorine Dioxide with Nucleophile Assistance of Electron-Transfer Reactions between ClO ₂ and BrO ₂ in Basic Solution. <i>Inorganic Chemistry</i> , 2002, 41, 108-113.	1.9	8
40	Pyrethroid bioaccumulation in field-collected insecticide-resistant <i>Hyalella azteca</i> . <i>Ecotoxicology</i> , 2021, 30, 514-523.	1.1	8
41	Pesticide residues in juvenile Chinook salmon and prey items of the Sacramento River watershed, California – A comparison of riverine and floodplain habitats. <i>Environmental Pollution</i> , 2022, 303, 119102.	3.7	8
42	Bioaccumulation potential of chlorpyrifos in resistant <i>Hyalella azteca</i> : Implications for evolutionary toxicology. <i>Environmental Pollution</i> , 2021, 289, 117900.	3.7	7
43	Dietary Exposure to Bifenthrin and Fipronil Impacts Swimming Performance in Juvenile Chinook Salmon (<i>Oncorhynchus tshawytscha</i>). <i>Environmental Science & Technology</i> , 2022, 56, 5071-5080.	4.6	7
44	Effects of type and quantity of organic carbon on the bioaccessibility of polychlorinated biphenyls in contaminated sediments. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1280-1290.	2.2	6
45	The contribution of detoxification pathways to pyrethroid resistance in <i>Hyalella azteca</i> . <i>Environmental Pollution</i> , 2021, 284, 117158.	3.7	6
46	Effects of temperature and salinity on bioconcentration and toxicokinetics of permethrin in pyrethroid-resistant <i>Hyalella azteca</i> . <i>Chemosphere</i> , 2022, 299, 134393.	4.2	4
47	Bioavailability of legacy and current-use pesticides in juvenile Chinook salmon habitat of the Sacramento River watershed: Importance of sediment characteristics and extraction techniques. <i>Chemosphere</i> , 2022, 298, 134174.	4.2	4
48	Test-retest reliability and construct validity of the Aspects of Wheelchair Mobility Test as a measure of the mobility of wheelchair users. <i>African Journal of Disability</i> , 2017, 6, 331.	0.7	2