Jessica A Head

List of Publications by Year
in descending order

39 papers	1,110 citations	471509 17 h-index	414414 32 g-index
40 all docs	40 docs citations	40 times ranked	1395 citing authors

#	Article	IF	Citations
1	EcoToxXplorer: Leveraging Design Thinking to Develop a Standardized Webâ€Based Transcriptomics Analytics Platform for Diverse Users. Environmental Toxicology and Chemistry, 2022, 41, 21-29.	4.3	6
2	Consideration of metabolomics and transcriptomics data in the context of using avian embryos for toxicity testing. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 258, 109370.	2.6	3
3	Exposure to Contaminated River Water is Associated with Early Hatching and Dysregulation of Gene Expression in Early Life Stages of the Endangered Copper Redhorse (Moxostoma hubbsi). Environmental Toxicology and Chemistry, 2022, 41, 1950-1966.	4.3	1
4	Effects on Apical Outcomes of Regulatory Relevance of Earlyâ€Life Stage Exposure of Doubleâ€Crested Cormorant Embryos to 4 Environmental Chemicals. Environmental Toxicology and Chemistry, 2021, 40, 390-401.	4.3	10
5	Effects of acute stressors experienced by five strains of layer breeders on measures of stress and fear in their offspring. Physiology and Behavior, 2021, 228, 113185.	2.1	9
6	Ultrafast functional profiling of RNA-seq data for nonmodel organisms. Genome Research, 2021, 31, 713-720.	5.5	15
7	Using Transcriptomics and Metabolomics to Understand Species Differences in Sensitivity to Chlorpyrifos in Japanese Quail and Doubleâ€Crested Cormorant Embryos. Environmental Toxicology and Chemistry, 2021, 40, 3019-3033.	4.3	11
8	Targeted Metabolomics to Assess Exposure to Environmental Chemicals of Concern in Japanese Quail at Two Life Stages. Metabolites, 2021, 11, 850.	2.9	3
9	An Earlyâ€“Life Stage Alternative Testing Strategy for Assessing the Impacts of Environmental Chemicals in Birds. Environmental Toxicology and Chemistry, 2020, 39, 141-154.	4.3	21
10	Assessment of the effects of early life exposure to triphenyl phosphate on fear, boldness, aggression, and activity in Japanese quail (Coturnix japonica) chicks. Environmental Pollution, 2020, 258, 113695.	7.5	9
11	Uptake, Deposition, and Metabolism of Triphenyl Phosphate in Embryonated Eggs and Chicks of Japanese Quail (Coturnix japonica). Environmental Toxicology and Chemistry, 2020, 39, 565-573.	4.3	5
12	Polycyclic aromatic compounds (PACs) in the Canadian environment: Exposure and effects on wildlife. Environmental Pollution, 2020, 265, 114863.	7.5	60
13	Exploring the Impacts of Methylmercuryâ€Induced Behavioral Alterations in Larval Yellow Perch in Lake Michigan Using an Individualâ€Based Model. Transactions of the American Fisheries Society, 2020, 149, 664-680.	1.4	2
14	Early life exposure to triphenyl phosphate: Effects on thyroid function, growth, and resting metabolic rate of Japanese quail (Coturnix japonica) chicks. Environmental Pollution, 2019, 253, 899-908.	7.5	23
15	Cumulative effects of cadmium and natural stressors (temperature and parasite infection) on molecular and biochemical responses of juvenile rainbow trout. Aquatic Toxicology, 2019, 217, 105347.	4.0	19
16	EcoToxChip: A nextâ€generation toxicogenomics tool for chemical prioritization and environmental management. Environmental Toxicology and Chemistry, 2019, 38, 279-288.	4.3	47
17	Interindividual variation in the cytochrome P4501A response to 2,3,7,8â€tetrachlorodibenzoâ€p â€dioxin in herring gull embryo hepatocytes. Environmental Toxicology and Chemistry, 2019, 38, 660-670.	4.3	5
18	An Ecotoxicological Perspective on Transgenerational Epigenetic Inheritance. Environmental Toxicology and Chemistry, 2019, 38, 1149-1151.	4.3	7

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19	Assessment of environmentally contaminated sediment using a contact assay with early life stage zebrafish (Danio rerio). Science of the Total Environment, 2019, 659, 950-962.	8.0	14
20	Potency of polycyclic aromatic hydrocarbons in chicken and Japanese quail embryos. Environmental Toxicology and Chemistry, 2018, 37, 1556-1564.	4.3	17
21	Effects of in ovo exposure to benzo[k]fluoranthene (BkF) on CYP1A expression and promoter methylation in developing chicken embryos. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 204, 88-96.	2.6	9
22	Female hatchling American kestrels have a larger hippocampus than males: A link with sexual size dimorphism?. Behavioural Brain Research, 2018, 349, 98-101.	2.2	2
23	A cellâ€free testing platform to screen chemicals of potential neurotoxic concern across twenty vertebrate species. Environmental Toxicology and Chemistry, 2017, 36, 3081-3090.	4.3	8
24	Developmental Methylmercury Exposure Affects Swimming Behavior and Foraging Efficiency of Yellow Perch (Perca flavescens) Larvae. ACS Omega, 2017, 2, 4870-4877.	3.5	13
25	Parental Whole Life Cycle Exposure to Dietary Methylmercury in Zebrafish (Danio rerio) Affects the Behavior of Offspring. Environmental Science & Technology, 2016, 50, 4808-4816.	10.0	32
26	Potency of Polycyclic Aromatic Hydrocarbons (PAHs) for Induction of Ethoxyresorufin-O-deethylase (EROD) Activity in Hepatocyte Cultures from Chicken, Pekin Duck, And Greater Scaup. Environmental Science & Technology, 2015, 49, 3787-3794.	10.0	23
27	Ecogenetics of mercury: From genetic polymorphisms and epigenetics to risk assessment and decisionâ€making. Environmental Toxicology and Chemistry, 2014, 33, 1248-1258.	4.3	81
28	Application of the <scp>LU</scp>minometric <scp>M</scp>ethylation <scp>A</scp>ssay to ecological species: tissue quality requirements and a survey of <scp>DNA</scp> methylation levels in animals. Molecular Ecology Resources, 2014, 14, 943-952.	4.8	26
29	Patterns of DNA Methylation in Animals: An Ecotoxicological Perspective. Integrative and Comparative Biology, 2014, 54, 77-86.	2.0	97
30	Absence of Fractionation of Mercury Isotopes during Trophic Transfer of Methylmercury to Freshwater Fish in Captivity. Environmental Science & Technology, 2012, 46, 7527-7534.	10.0	121
31	Epigenetics for ecotoxicologists. Environmental Toxicology and Chemistry, 2012, 31, 221-227.	4.3	70
32	Retrospective analysis of mercury content in feathers of birds collected from the state of Michigan (1895â€“2007). Ecotoxicology, 2011, 20, 1636-1643.	2.4	19
33	Correlation between an in vitro and an in vivo measure of dioxin sensitivity in birds. Ecotoxicology, 2010, 19, 377-382.	2.4	41
34	Mammalian wildlife as complementary models in environmental neurotoxicology. Neurotoxicology and Teratology, 2010, 32, 114-119.	2.4	40
35	The mink is still a reliable sentinel species in environmental health. Environmental Research, 2009, 109, 940-941.	7.5	6
36	Key Amino Acids in the Aryl Hydrocarbon Receptor Predict Dioxin Sensitivity in Avian Species. Environmental Science & Technology, 2008, 42, 7535-7541.	10.0	121

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37	Differential expression, induction, and stability of CYP1A4 and CYP1A5 mRNA in chicken and herring gull embryo hepatocytes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 617-624.	2.6	28
38	Same-sample analysis of ethoxyresorufin-O-deethylase activity and cytochrome P4501A mRNA abundance in chicken embryo hepatocytes. Analytical Biochemistry, 2007, 360, 294-302.	2.4	41
39	EXPOSURE TO 3,3â€²,4,4â€²,5-PENTACHLOROBIPHENYL DURING EMBRYONIC DEVELOPMENT HAS A MINIMAL EFFECT ON THE CYTOCHROME P4501A RESPONSE TO 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN IN CULTURED CHICKEN EMBRYO HEPATOCYTES. Environmental Toxicology and Chemistry, 2006, 25, 2981.	4.3	42