

# Tracie R Baker

## List of Publications by Year in descending order

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29  
papers

715  
citations

687363

13  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal efficiency of micro- and nanoplastics (180–125 µm) during drinking water treatment. <i>Science of the Total Environment</i> , 2020, 720, 137383.	8.0	148
2	Using Zebrafish as a Model System for Studying the Transgenerational Effects of Dioxin. <i>Toxicological Sciences</i> , 2014, 138, 403-411.	3.1	103
3	Nanoplastics impact the zebrafish ( <i>Danio rerio</i> ) transcriptome: Associated developmental and neurobehavioral consequences. <i>Environmental Pollution</i> , 2020, 266, 115090.	7.5	77
4	Early Dioxin Exposure Causes Toxic Effects in Adult Zebrafish. <i>Toxicological Sciences</i> , 2013, 135, 241-250.	3.1	58
5	Dioxin induction of transgenerational inheritance of disease in zebrafish. <i>Molecular and Cellular Endocrinology</i> , 2014, 398, 36-41.	3.2	58
6	Histological and Transcriptomic Changes in Male Zebrafish Testes Due to Early Life Exposure to Low Level 2,3,7,8-Tetrachlorodibenzo-p-dioxin. <i>Zebrafish</i> , 2016, 13, 413-423.	1.1	29
7	sox9b is required in cardiomyocytes for cardiac morphogenesis and function. <i>Scientific Reports</i> , 2018, 8, 13906.	3.3	28
8	Developmental exposure to Pb <sup>2+</sup> induces transgenerational changes to zebrafish brain transcriptome. <i>Chemosphere</i> , 2020, 244, 125527.	8.2	26
9	Ancestral TCDD Exposure Induces Multigenerational Histologic and Transcriptomic Alterations in Gonads of Male Zebrafish. <i>Toxicological Sciences</i> , 2018, 164, 603-612.	3.1	22
10	A Review of Volatile Organic Compound Contamination in Post-Industrial Urban Centers: Reproductive Health Implications Using a Detroit Lens. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8755.	2.6	22
11	Developmental Dioxin Exposure Alters the Methylome of Adult Male Zebrafish Gonads. <i>Frontiers in Genetics</i> , 2019, 9, 719.	2.3	19
12	Persistent contaminants of emerging concern in a great lakes urban-dominant watershed. <i>Journal of Great Lakes Research</i> , 2022, 48, 171-182.	1.9	18
13	The phenotypic and transcriptomic effects of developmental exposure to nanomolar levels of estrone and bisphenol A in zebrafish. <i>Science of the Total Environment</i> , 2021, 757, 143736.	8.0	16
14	Multi- and Transgenerational Effects of Developmental Exposure to Environmental Levels of PFAS and PFAS Mixture in Zebrafish ( <i>Danio rerio</i> ). <i>Toxics</i> , 2022, 10, 334.	3.7	14
15	Developmental phenotypic and transcriptomic effects of exposure to nanomolar levels of metformin in zebrafish. <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103716.	4.0	11
16	Insight into 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of zebrafish spermatogenesis via single cell RNA-seq. , 2022, 1, .		9
17	Detection of endocrine disrupting chemicals in <i>Danio rerio</i> and <i>Daphnia pulex</i> : Step-one, behavioral screen. <i>Chemosphere</i> , 2021, 271, 129442.	8.2	8
18	Comparative Toxicotranscriptomics of Single Cell RNA-Seq and Conventional RNA-Seq in TCDD-Exposed Testicular Tissue. <i>Frontiers in Toxicology</i> , 2022, 4, .	3.1	7

#	ARTICLE	IF	CITATIONS
19	Evaluating Phenotypic and Transcriptomic Responses Induced by Low-Level VOCs in Zebrafish: Benzene as an Example. <i>Toxics</i> , 2022, 10, 351.	3.7	7
20	Exposure of Larval Zebrafish to the Insecticide Propoxur Induced Developmental Delays that Correlate with Behavioral Abnormalities and Altered Expression of hspb9 and hspb11. <i>Toxics</i> , 2019, 7, 50.	3.7	6
21	Unanchored ubiquitin chains do not lead to marked alterations in gene expression in <i>Drosophila melanogaster</i> . <i>Biology Open</i> , 2019, 8, .	1.2	6
22	Developmental Phenotypic and Transcriptomic Effects of Exposure to Nanomolar Levels of 4-Nonylphenol, Triclosan, and Triclocarban in Zebrafish ( <i>Danio rerio</i> ). <i>Toxics</i> , 2022, 10, 53.	3.7	6
23	TCDD-induced multi- and transgenerational changes in the methylome of male zebrafish gonads. <i>Environmental Epigenetics</i> , 2020, 6, dvaa010.	1.8	5
24	Cisplatin-induced hair cell loss in zebrafish neuromasts is accompanied by protein nitration and Lmo4 degradation. <i>Toxicology and Applied Pharmacology</i> , 2021, 410, 115342.	2.8	4
25	Adipocyte-driven unfolded protein response is a shared transcriptomic signature of metastatic prostate carcinoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119101.	4.1	3
26	Sox9 in mouse urogenital sinus epithelium mediates elongation of prostatic buds and expression of genes involved in epithelial cell migration. <i>Gene Expression Patterns</i> , 2019, 34, 119075.	0.8	2
27	Phenotypic and transcriptomic effects of developmental exposure to nanomolar levels of pesticides in zebrafish. <i>Environmental Advances</i> , 2022, 7, 100151.	4.8	2
28	Management of Multiple Protozoan Ectoparasites in a Research Colony of Axolotls ( <i>Ambystoma</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	1
29	Point-of-use carbon block drinking water filters change gut microbiome of larval zebrafish. <i>Environmental Microbiology Reports</i> , 2022, , .	2.4	0