

Ajay Pradhan

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,064
citations

471061

17
h-index

433756

31
g-index

37
all docs

37
docs citations

37
times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in severity and mortality from COVID-19: are males more vulnerable?. <i>Biology of Sex Differences</i> , 2020, 11, 53.	1.8	197
2	Di(2-ethylhexyl) phthalate and diethyl phthalate disrupt lipid metabolism, reduce fecundity and shortens lifespan of <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2018, 190, 375-382.	4.2	76
3	Effect of phthalates on development, reproduction, fat metabolism and lifespan in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2019, 654, 969-977.	3.9	66
4	Activation of NF- κ B Protein Prevents the Transition from Juvenile Ovary to Testis and Promotes Ovarian Development in Zebrafish. <i>Journal of Biological Chemistry</i> , 2012, 287, 37926-37938.	1.6	59
5	Comparative transcriptional analysis of methylparaben and propylparaben in zebrafish. <i>Science of the Total Environment</i> , 2019, 671, 129-139.	3.9	55
6	Zebrafish sexual behavior: role of sex steroid hormones and prostaglandins. <i>Behavioral and Brain Functions</i> , 2015, 11, 23.	1.4	54
7	Perfluorinated alkyl substances impede growth, reproduction, lipid metabolism and lifespan in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2020, 737, 139682.	3.9	52
8	The brominated flame retardant TBECH activates the zebrafish (<i>Danio rerio</i>) androgen receptor, alters gene transcription and causes developmental disturbances. <i>Aquatic Toxicology</i> , 2013, 142-143, 63-72.	1.9	50
9	Thyroid hormone: sex-dependent role in nervous system regulation and disease. <i>Biology of Sex Differences</i> , 2021, 12, 25.	1.8	45
10	Juvenile Ovary to Testis Transition in Zebrafish Involves Inhibition of Ptges1. <i>Biology of Reproduction</i> , 2014, 91, 33.	1.2	42
11	Identification of a group of brominated flame retardants as novel androgen receptor antagonists and potential neuronal and endocrine disrupters. <i>Environment International</i> , 2015, 74, 60-70.	4.8	34
12	1,2-dibromoethane (1,2 dibromoethyl) cyclohexane (TBECH)-mediated steroid hormone receptor activation and gene regulation in chicken LMH cells. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 891-899.	2.2	32
13	Inhibition of retinoic acid synthesis disrupts spermatogenesis and fecundity in zebrafish. <i>General and Comparative Endocrinology</i> , 2015, 217-218, 81-91.	0.8	26
14	Heat Shock Factor 5 Is Essential for Spermatogenesis in Zebrafish. <i>Cell Reports</i> , 2018, 25, 3252-3261.e4.	2.9	26
15	Emerging Roles for Maf1 beyond the Regulation of RNA Polymerase III Activity. <i>Journal of Molecular Biology</i> , 2015, 427, 2577-2585.	2.0	23
16	Zebrafish <i>cyp17a1</i> knockout reveals that androgen-mediated signaling is important for male brain sex differentiation. <i>General and Comparative Endocrinology</i> , 2020, 295, 113490.	0.8	20
17	Comparative Analysis of Stress Induced Gene Expression in <i>Caenorhabditis elegans</i> following Exposure to Environmental and Lab Reconstituted Complex Metal Mixture. <i>PLoS ONE</i> , 2015, 10, e0132896.	1.1	20
18	The C-Box Region of MAF1 Regulates Transcriptional Activity and Protein Stability. <i>Journal of Molecular Biology</i> , 2017, 429, 192-207.	2.0	19

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19	TBECH, 1,2-dibromo-4-(1,2 dibromoethyl) cyclohexane, alters androgen receptor regulation in response to mutations associated with prostate cancer. <i>Toxicology and Applied Pharmacology</i> , 2016, 307, 91-101.	1.3	15
20	Androgen receptor modulation following combination exposure to brominated flame-retardants. <i>Scientific Reports</i> , 2018, 8, 4843.	1.6	14
21	The food preservative ethoxyquin impairs zebrafish development, behavior and alters gene expression profile. <i>Food and Chemical Toxicology</i> , 2020, 135, 110926.	1.8	14
22	Nonsteroidal anti-inflammatory drugs (NSAIDs) cause male-biased sex differentiation in zebrafish. <i>Aquatic Toxicology</i> , 2020, 223, 105476.	1.9	14
23	In silico and in vitro assessment of androgen receptor antagonists. <i>Computational Biology and Chemistry</i> , 2021, 92, 107490.	1.1	14
24	Plasticizers: negative impacts on the thyroid hormone system. <i>Environmental Science and Pollution Research</i> , 2022, 29, 38912-38927.	2.7	13
25	Germ cell depletion in zebrafish leads to incomplete masculinization of the brain. <i>General and Comparative Endocrinology</i> , 2018, 265, 15-21.	0.8	12
26	Di(isononyl) cyclohexane-1,2-dicarboxylate (DINCH) alters transcriptional profiles, lipid metabolism and behavior in zebrafish larvae. <i>Heliyon</i> , 2021, 7, e07951.	1.4	11
27	Contribution of pharmaceuticals, fecal bacteria and endotoxin to the inflammatory responses to inland waters. <i>Science of the Total Environment</i> , 2014, 488-489, 228-235.	3.9	10
28	The brominated flame retardants TBP-AE and TBP-DBPE antagonize the chicken androgen receptor and act as potential endocrine disrupters in chicken LMH cells. <i>Toxicology in Vitro</i> , 2015, 29, 1993-2000.	1.1	10
29	Regulation of zebrafish gonadal sex differentiation. <i>AIMS Molecular Science</i> , 2016, 3, 567-584.	0.3	10
30	Transcriptional responses of zebrafish to complex metal mixtures in laboratory studies overestimates the responses observed with environmental water. <i>Science of the Total Environment</i> , 2017, 584-585, 1138-1146.	3.9	9
31	In silico and biological analysis of anti-androgen activity of the brominated flame retardants ATE, BATE and DPTE in zebrafish. <i>Chemico-Biological Interactions</i> , 2015, 233, 35-45.	1.7	8
32	Sex-specific differences in zebrafish brains. <i>Biology of Sex Differences</i> , 2022, 13, .	1.8	7
33	The brominated flame retardants TBECH and DPTE alter prostate growth, histology and gene expression patterns in the mouse. <i>Reproductive Toxicology</i> , 2021, 102, 43-55.	1.3	4
34	Transcriptomic analysis of nonylphenol effect on <i>Saccharomyces cerevisiae</i> . <i>PeerJ</i> , 2021, 9, e10794.	0.9	0
35	Heat Shock Factor 5 Is Conserved in Vertebrates and Essential for Spermatogenesis in Zebrafish. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0