

Ajay Pradhan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

627
citations

15
h-index

24
g-index

37
ext. papers

849
ext. citations

5.8
avg, IF

5.13
L-index

#	Paper	IF	Citations
34	Plasticizers: negative impacts on the thyroid hormone system.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
33	Thyroid hormone: sex-dependent role in nervous system regulation and disease. <i>Biology of Sex Differences</i> , 2021 , 12, 25	9.3	10
32	The brominated flame retardants TBEC and DPTE alter prostate growth, histology and gene expression patterns in the mouse. <i>Reproductive Toxicology</i> , 2021 , 102, 43-55	3.4	
31	In silico and in vitro assessment of androgen receptor antagonists. <i>Computational Biology and Chemistry</i> , 2021 , 92, 107490	3.6	2
30	Transcriptomic analysis of nonylphenol effect on. <i>PeerJ</i> , 2021 , 9, e10794	3.1	
29	Di(isononyl) cyclohexane-1,2-dicarboxylate (DINCH) alters transcriptional profiles, lipid metabolism and behavior in zebrafish larvae. <i>Heliyon</i> , 2021 , 7, e07951	3.6	4
28	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	10.2	16
27	Nonsteroidal anti-inflammatory drugs (NSAIDs) cause male-biased sex differentiation in zebrafish. <i>Aquatic Toxicology</i> , 2020 , 223, 105476	5.1	6
26	Zebrafish cyp17a1 knockout reveals that androgen-mediated signaling is important for male brain sex differentiation. <i>General and Comparative Endocrinology</i> , 2020 , 295, 113490	3	9
25	The food preservative ethoxyquin impairs zebrafish development, behavior and alters gene expression profile. <i>Food and Chemical Toxicology</i> , 2020 , 135, 110926	4.7	8
24	Sex differences in severity and mortality from COVID-19: are males more vulnerable?. <i>Biology of Sex Differences</i> , 2020 , 11, 53	9.3	109
23	Comparative transcriptional analysis of methylparaben and propylparaben in zebrafish. <i>Science of the Total Environment</i> , 2019 , 671, 129-139	10.2	23
22	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	10.2	29
21	Germ cell depletion in zebrafish leads to incomplete masculinization of the brain. <i>General and Comparative Endocrinology</i> , 2018 , 265, 15-21	3	6
20	Androgen receptor modulation following combination exposure to brominated flame-retardants. <i>Scientific Reports</i> , 2018 , 8, 4843	4.9	11
19	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	8.4	50
18	Heat Shock Factor 5 Is Essential for Spermatogenesis in Zebrafish. <i>Cell Reports</i> , 2018 , 25, 3252-3261.e4	10.6	13

17	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	10.2	6
16	The C-Box Region of MAF1 Regulates Transcriptional Activity and Protein Stability. <i>Journal of Molecular Biology</i> , 2017 , 429, 192-207	6.5	17
15	Regulation of zebrafish gonadal sex differentiation. <i>AIMS Molecular Science</i> , 2016 , 3, 567-584	0.9	6
14	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	4.6	11
13	Emerging Roles for Maf1 beyond the Regulation of RNA Polymerase III Activity. <i>Journal of Molecular Biology</i> , 2015 , 427, 2577-85	6.5	18
12	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	5	7
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	12.9	27
10	Zebrafish sexual behavior: role of sex steroid hormones and prostaglandins. <i>Behavioral and Brain Functions</i> , 2015 , 11, 23	4.1	32
9	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	3.6	9
8	Inhibition of retinoic acid synthesis disrupts spermatogenesis and fecundity in zebrafish. <i>General and Comparative Endocrinology</i> , 2015 , 217-218, 81-91	3	20
7	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	3.7	15
6	Contribution of pharmaceuticals, fecal bacteria and endotoxin to the inflammatory responses to inland waters. <i>Science of the Total Environment</i> , 2014 , 488-489, 228-35	10.2	8
5	Juvenile ovary to testis transition in zebrafish involves inhibition of ptges. <i>Biology of Reproduction</i> , 2014 , 91, 33	3.9	34
4	1,2-Dibromo-4-(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, 891-9	3.8	29
3	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	5.1	44
2	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, 37926-38	5.4	46
1	Heat shock factor 5 is conserved in vertebrates and essential for spermatogenesis in zebrafish		2