

Gilbert Audira

List of Publications by Year in descending order

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24
papers

753
citations

567281

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#	ARTICLE	IF	CITATIONS
1	Nanoplastics Cause Neurobehavioral Impairments, Reproductive and Oxidative Damages, and Biomarker Responses in Zebrafish: Throwing up Alarms of Wide Spread Health Risk of Exposure. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1410.	4.1	210
2	Toxicity Studies on Graphene-Based Nanomaterials in Aquatic Organisms: Current Understanding. <i>Molecules</i> , 2020, 25, 3618.	3.8	56
3	Zebrafish Mutants Carrying Leptin a (lepa) Gene Deficiency Display Obesity, Anxiety, Less Aggression and Fear, and Circadian Rhythm and Color Preference Dysregulation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4038.	4.1	54
4	Zinc Chloride Exposure Inhibits Brain Acetylcholine Levels, Produces Neurotoxic Signatures, and Diminishes Memory and Motor Activities in Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3195.	4.1	53
5	A Versatile Setup for Measuring Multiple Behavior Endpoints in Zebrafish. <i>Inventions</i> , 2018, 3, 75.	2.5	47
6	Which Zebrafish Strains Are More Suitable to Perform Behavioral Studies? A Comprehensive Comparison by Phenomic Approach. <i>Biology</i> , 2020, 9, 200.	2.8	33
7	Chronic Exposure to Low Concentration Lead Chloride-Induced Anxiety and Loss of Aggression and Memory in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1844.	4.1	29
8	Ecotoxicity Assessment of Fe ₃ O ₄ Magnetic Nanoparticle Exposure in Adult Zebrafish at an Environmental Pertinent Concentration by Behavioral and Biochemical Testing. <i>Nanomaterials</i> , 2019, 9, 873.	4.1	28
9	Behavioral Impairments and Oxidative Stress in the Brain, Muscle, and Gill Caused by Chronic Exposure of C70 Nanoparticles on Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5795.	4.1	26
10	Comparison of the chronic toxicities of graphene and graphene oxide toward adult zebrafish by using biochemical and phenomic approaches. <i>Environmental Pollution</i> , 2021, 278, 116907.	7.5	26
11	Evaluation of the Effects of Carbon 60 Nanoparticle Exposure to Adult Zebrafish: A Behavioral and Biochemical Approach to Elucidate the Mechanism of Toxicity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3853.	4.1	25
12	Development of a Modified Three-Day T-maze Protocol for Evaluating Learning and Memory Capacity of Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1464.	4.1	24
13	Establishing simple image-based methods and cost-effective instrument for toxicity assessment on circadian rhythm dysregulation in fish. <i>Biology Open</i> , 2019, 8, .	1.2	20
14	Systematical exploration of the common solvent toxicity at whole organism level by behavioral phenomics in adult zebrafish. <i>Environmental Pollution</i> , 2020, 266, 115239.	7.5	19
15	Vitamin C Attenuates Oxidative Stress and Behavioral Abnormalities Triggered by Fipronil and Pyriproxyfen Insecticide Chronic Exposure on Zebrafish Juvenile. <i>Antioxidants</i> , 2020, 9, 944.	5.1	17
16	Surface Modification of Magnetic Nanoparticles by Carbon-Coating Can Increase Its Biosafety: Evidences from Biochemical and Neurobehavioral Tests in Zebrafish. <i>Molecules</i> , 2020, 25, 2256.	3.8	17
17	Exploiting the Freshwater Shrimp <i>Neocaridina denticulata</i> as Aquatic Invertebrate Model to Evaluate Nontargeted Pesticide Induced Toxicity by Investigating Physiologic and Biochemical Parameters. <i>Antioxidants</i> , 2021, 10, 391.	5.1	13
18	Evaluation of the Adverse Effects of Chronic Exposure to Donepezil (An Acetylcholinesterase) Tj ETQq0 0 0 rgBT /O	4.0	12

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19	Pharmaceutical Assessment Suggests Locomotion Hyperactivity in Zebrafish Triggered by Arecoline Might Be Associated with Multiple Muscarinic Acetylcholine Receptors Activation. <i>Toxins</i> , 2021, 13, 259.	3.4	10
20	Interspecies Behavioral Variability of Medaka Fish Assessed by Comparative Phenomics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5686.	4.1	8
21	An Update Report on the Biosafety and Potential Toxicity of Fullerene-Based Nanomaterials toward Aquatic Animals. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	7
22	Phenomics Approach to Investigate Behavioral Toxicity of Environmental or Occupational Toxicants in Adult Zebrafish (<i>Danio rerio</i>). <i>Current Protocols</i> , 2021, 1, e223.	2.9	7
23	Duplicated dnmt3aa and dnmt3ab DNA Methyltransferase Genes Play Essential and Non-Overlapped Functions on Modulating Behavioral Control in Zebrafish. <i>Genes</i> , 2020, 11, 1322.	2.4	6
24	A Novel Function of the Lysophosphatidic Acid Receptor 3 (LPAR3) Gene in Zebrafish on Modulating Anxiety, Circadian Rhythm Locomotor Activity, and Short-Term Memory. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2837.	4.1	6