Poopal Rama Krishnan

List of Publications by Year
in descending order

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32	863	471371	501076
papers	citations	17 h-index	28 g-index

32	32	32	1039
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of eco-toxic effects of commonly used water disinfectant on zebrafish (Danio rerio) swimming behaviour and recovery responses: an early-warning biomarker approach. Environmental Science and Pollution Research, 2022, 29, 41849-41862.	2.7	7
2	IR-Based Novel Device for Real-Time Online Acquisition of Fish Heart ECG Signals. Environmental Science & Technology, 2022, 56, 4262-4271.	4.6	7
3	The specification of zebrafish (Danio rerio) heart electrocardiogram index characteristic responses to different types of pollutants. Chemosphere, 2021, 267, 129199.	4.2	2
4	Organophosphorus-based chemical additives induced behavioral changes in zebrafish (Danio rerio): Swimming activity is a sensitive stress indicator. Neurotoxicology and Teratology, 2021, 83, 106945.	1.2	6
5	Synthetic organic chemicals (flame retardants and pesticides) with neurotoxic potential induced behavioral impairment on zebrafish (Danio rerio): a non-invasive approach for neurotoxicology. Environmental Science and Pollution Research, 2021, 28, 37534-37546.	2.7	8
6	Responses of <scp>Cirrhinus mrigala</scp> to secondâ€generation fluoroquinolone (ciprofloxacin) toxicity: Assessment of antioxidants, tissue morphology, and inorganic ions. Environmental Toxicology, 2021, 36, 887-902.	2.1	23
7	Organophosphorus flame retardant induced hepatotoxicity and brain AChE inhibition on zebrafish (Danio rerio). Neurotoxicology and Teratology, 2020, 82, 106919.	1.2	28
8	Simultaneous eco-toxicity assessment technique using an online monitoring system: effects of different environmental factors on swimming behavior of zebrafish (Danio rerio). Chemosphere, 2020, 255, 126934.	4.2	8
9	Biochemical responses of a freshwater fish Cirrhinus mrigala exposed to tris(2-chloroethyl) phosphate (TCEP). Environmental Science and Pollution Research, 2020, 27, 34369-34387.	2.7	25
10	Biochemical and behavior effects induced by diheptyl phthalate (DHpP) and Diisodecyl phthalate (DIDP) exposed to zebrafish. Chemosphere, 2020, 252, 126498.	4.2	32
11	Chronic amoxicillin exposure affects Labeo rohita: assessment of hematological, ionic compounds, biochemical, and enzymological activities. Heliyon, 2019, 5, e01434.	1.4	7
12	Response of antioxidants to semisynthetic bacteriostatic antibiotic (erythromycin) concentrations: A study on freshwater fish. Acta Ecologica Sinica, 2019, 39, 166-172.	0.9	9
13	Antioxidant status, biochemical, and hematological responses in a cultivable fish Cirrhinus mrigala exposed to an aquaculture antibiotic Sulfamethazine. Aquaculture, 2018, 491, 10-19.	1.7	45
14	GCâ€“MS determination of phthalate esters in human urine: A potential biomarker for phthalate bio-monitoring. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1079, 15-24.	1.2	22
15	Green synthesis of silver nanoparticles using Piper nigrum: tissue-specific bioaccumulation, histopathology, and oxidative stress responses in Indian major carp Labeo rohita. Environmental Science and Pollution Research, 2018, 25, 11812-11832.	2.7	23
16	Occurrence of triclocarban and benzotriazole ultraviolet stabilizers in water, sediment, and fish from Indian rivers. Science of the Total Environment, 2018, 625, 1351-1360.	3.9	113
17	Evaluation of acute and sublethal effects of chloroquine (C18H26ClN3) on certain enzymological and histopathological biomarker responses of a freshwater fish Cyprinus carpio. Toxicology Reports, 2018, 5, 18-27.	1.6	68
18	Responses of Labeo rohita fingerlings to N-acetyl-p-aminophenol toxicity. Ecotoxicology and Environmental Safety, 2018, 157, 73-80.	2.9	10

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19	Influence of environmental salinity and cortisol pretreatment on gill Na+/K+ â˜'ATPase activity and survival and growth rates in Cyprinus carpio. Aquaculture Reports, 2018, 11, 1-7.	0.7	17
20	Potential effects of low molecular weight phthalate esters (C₁₆H₂₂O₄and C₁₂H₁₄O₄) on the freshwater fish Cyprinus carpio. Toxicology Research, 2017, 6, 505-520.	0.9	40
21	Accumulation of Cadmium and Antioxidant and Hormonal Responses in the Indian Major Carp Cirrhinus mrigala During Acute and Sublethal Exposure. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	3
22	Responses of metabolic and antioxidant enzymatic activities in gill, liver and plasma of Catla catla during methyl parathion exposure. Journal of Basic and Applied Zoology, 2016, 77, 31-40.	0.4	69
23	Toxicity of furadan (carbofuran 3% g) in Cyprinus carpio: Haematological, biochemical and enzymological alterations and recovery response. Beni-Suef University Journal of Basic and Applied Sciences, 2015, 4, 314-326.	0.8	12
24	Iron oxide nanoparticles to an Indian major carp, Labeo rohita: Impacts on hematology, iono regulation and gill Na+/K+ ATPase activity. Journal of King Saud University - Science, 2015, 27, 151-160.	1.6	58
25	Iron oxide nanoparticles induced alterations in haematological, biochemical and ionoregulatory responses of an Indian major carp Labeo rohita. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	28
26	Hematological, biochemical and enzymological responses in an Indian major carp Labeo rohita induced by sublethal concentration of waterborne selenite exposure. Chemico-Biological Interactions, 2014, 207, 67-73.	1.7	37
27	Short-term mercury exposure on Na+/K+-ATPase activity and ionoregulation in gill and brain of an Indian major carp, Cirrhinus mrigala. Journal of Trace Elements in Medicine and Biology, 2013, 27, 70-75.	1.5	36
28	Toxicological Effects of the Antibiotic Oxytetracycline to an Indian Major Carp Labeo rohita. Archives of Environmental Contamination and Toxicology, 2013, 64, 494-503.	2.1	60
29	Acute and sublethal effects in an Indian major carp Cirrhinus mrigala exposed to silver nitrate: Gill Na+/K+-ATPase, plasma electrolytes and biochemical alterations. Fish and Shellfish Immunology, 2012, 32, 862-868.	1.6	32
30	Effect of ammonia on the electrolyte status of an Indian major carp Catla catla. Aquaculture Research, 2012, 44, n/a-n/a.	0.9	4
31	Sublethal toxicological evaluation of methyl parathion on some haematological and biochemical parameters in an Indian major carp Catla catla. Comparative Clinical Pathology, 2012, 21, 55-61.	0.3	18
32	Bioconcentration of methylmercury in microzooplankton in a temperate river. Environmental Toxicology and Chemistry, 2011, 30, 2860-2867.	2.2	6