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List of Publications by Year in descending order

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35
papers

1,020
citations

430874

18
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene nanoplastics (20 nm) are able to bioaccumulate and cause oxidative DNA damages in the brain tissue of zebrafish embryo (<i>Danio rerio</i>). <i>NeuroToxicology</i> , 2020, 77, 51-59.	3.0	185
2	An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2017, 180, 77-85.	8.2	86
3	Purification and characterization of carbonic anhydrase from the teleost fish <i>Dicentrarchus labrax</i> (European seabass) liver and toxicological effects of metals on enzyme activity. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 69-74.	4.0	71
4	Characterization and anions inhibition studies of an $\hat{\pm}$ -carbonic anhydrase from the teleost fish <i>Dicentrarchus labrax</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 744-748.	3.0	63
5	Deltamethrin attenuates antioxidant defense system and induces the expression of heat shock protein 70 in rainbow trout. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 215-223.	2.6	55
6	Effects of glyphosate on juvenile rainbow trout (<i>Oncorhynchus mykiss</i>): Transcriptional and enzymatic analyses of antioxidant defence system, histopathological liver damage and swimming performance. <i>Ecotoxicology and Environmental Safety</i> , 2015, 111, 206-214.	6.0	54
7	Impact of deltamethrin exposure on mRNA expression levels of metallothionein A, B and cytochrome P450 1A in rainbow trout muscles. <i>Gene</i> , 2011, 484, 13-17.	2.2	48
8	Increasing stocking density causes inhibition of metabolic "antioxidant enzymes and elevates mRNA levels of heat shock protein 70 in rainbow trout. <i>Livestock Science</i> , 2011, 141, 69-75.	1.6	46
9	In vitro and in vivo effects of some pesticides on carbonic anhydrase enzyme from rainbow trout (<i>Oncorhynchus mykiss</i>) gills. <i>Pesticide Biochemistry and Physiology</i> , 2010, 97, 177-181.	3.6	43
10	In vitro and in vivo effects of some pesticides on glucose-6-phosphate dehydrogenase enzyme activity from rainbow trout (<i>Oncorhynchus mykiss</i>) erythrocytes. <i>Pesticide Biochemistry and Physiology</i> , 2009, 95, 95-99.	3.6	37
11	Acute and long-term genotoxicity of deltamethrin to insulin-like growth factors and growth hormone in rainbow trout. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 451-455.	2.6	29
12	An approach to evaluating the potential teratogenic and neurotoxic mechanism of BHA based on apoptosis induced by oxidative stress in zebrafish embryo (<i>Danio rerio</i>). <i>Human and Experimental Toxicology</i> , 2021, 40, 425-438.	2.2	26
13	Determination of developmental toxicity of zebrafish exposed to propyl gallate dosed lower than ADI (Acceptable Daily Intake). <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 16-21.	2.7	24
14	Immunofluorescence/fluorescence assessment of brain-derived neurotrophic factor, c-Fos activation, and apoptosis in the brain of zebrafish (<i>Danio rerio</i>) larvae exposed to glufosinate. <i>NeuroToxicology</i> , 2018, 69, 60-67.	3.0	22
15	IGF and GH mRNA levels are suppressed upon exposure to micromolar concentrations of cobalt and zinc in rainbow trout white muscle. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 336-341.	2.6	21
16	Is sodium carboxymethyl cellulose (CMC) really completely innocent? It may be triggering obesity. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 2465-2473.	7.5	21
17	Effects of the food colorant carmoisine on zebrafish embryos at a wide range of concentrations. <i>Archives of Toxicology</i> , 2022, 96, 1089-1099.	4.2	21
18	Influence of Cobalt and Zinc Exposure on mRNA Expression Profiles of Metallothionein and Cytocrome P450 in Rainbow Trout. <i>Biological Trace Element Research</i> , 2011, 144, 781-789.	3.5	20

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19	The synergic toxicity of temperature increases and nanopolystyrene on zebrafish brain implies that global warming may worsen the current risk based on plastic debris. <i>Science of the Total Environment</i> , 2022, 808, 152092.	8.0	20
20	The effects of acute boric acid treatment on gill, kidney and muscle tissues in juvenile rainbow trout. <i>Journal of Applied Animal Research</i> , 2016, 44, 297-302.	1.2	17
21	Immunofluorescence evaluation of 4-hydroxynonenal and 8-hydroxy-2-deoxyguanosine activation in zebrafish (<i>Danio rerio</i>) larvae brain exposed (microinjected) to propyl gallate. <i>Chemosphere</i> , 2017, 183, 252-256.	8.2	17
22	A Review on Population Characteristics of Gilthead Seabream (<i>Sparus aurata</i>). <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 976-981.	0.1	17
23	The potential effect mechanism of high-fat and high-carbohydrate diet-induced obesity on anxiety and offspring of zebrafish. <i>Eating and Weight Disorders</i> , 2022, 27, 163-177.	2.5	15
24	Chronic toxicity of pesticides to the mRNA expression levels of metallothioneins and cytochrome P450 1A genes in rainbow trout. <i>Toxicology and Industrial Health</i> , 2012, 28, 162-169.	1.4	13
25	Nano-sized polystyrene plastic particles affect many cancer-related biological processes even in the next generations; zebrafish modeling. <i>Science of the Total Environment</i> , 2022, 838, 156391.	8.0	11
26	A versatile toxicity evaluation of ethyl carbamate (urethane) on zebrafish embryos: Morphological, physiological, histopathological, immunohistochemical, transcriptional and behavioral approaches. <i>Toxicology Letters</i> , 2021, 353, 71-78.	0.8	10
27	Species-specific expression variation of fish MYH14, an ancient vertebrate myosin heavy chain gene orthologue. <i>Fisheries Science</i> , 2011, 77, 847-853.	1.6	9
28	Promoter analysis of the fish gene of slow/cardiac-type myosin heavy chain implicated in specification of muscle fiber types. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 679-691.	2.3	5
29	Multiple transcription factors mediating the expressional regulation of myosin heavy chain gene involved in the indeterminate muscle growth of fish. <i>Gene</i> , 2019, 687, 308-318.	2.2	5
30	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2013, 13, .	0.9	4
31	The Differentially Effect of Some Antilipid Drugs on Activity of the Novel Synthesized Paraoxonase (PON1)-Inorganic Hybrid Nanoflowers. <i>Journal of Nano Research</i> , 2020, 62, 59-74.	0.8	3
32	Effects of Anionic Surfactant Ingredients on Hematological Index of the Brown Trout (<i>Salmo trutta</i>)	0.8	1
33	Alterations in Growth Related Genes (GH-I, IGF-I and IGF-II) Expression with Acute Copper Exposure in Rainbow Trout. <i>Journal of Animal and Veterinary Advances</i> , 2011, 10, 3334-3339.	0.1	1
34	Görkkuş Alabalık Kasın Elementer Kompozisyonunun EDS (Enerji Dağılım Spektroskopisi) ile Tespit Edilebilirliğinin Araştırılması. <i>Alınan Zirai Bilimleri Dergisi</i> , 2017, 32, 35-37.	0.1	0
35	Comment on "Distribution of Nanoparticles in the See-through Medaka (<i>Oryzias latipes</i>)"	6.0	0