Caterina Faggio

List of Publications by Year
in descending order

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278 papers	15,684 citations	15504 65 h-index	24982 109 g-index
279 all docs	279 docs citations	279 times ranked	12300 citing authors

#	Article	IF	Citations
1	Skepinone-L, a Novel Potent and Highly Selective Inhibitor of p38 MAP Kinase, Effectively Impairs Platelet Activation and Thrombus Formation. Cellular Physiology and Biochemistry, 2013, 31, 914-924.	1.6	1,301
2	Microplastic in marine organism: Environmental and toxicological effects. Environmental Toxicology and Pharmacology, 2018, 64, 164-171.	4.0	481
3	Microplastics in the marine environment: Current trends in environmental pollution and mechanisms of toxicological profile. Environmental Toxicology and Pharmacology, 2019, 68, 61-74.	4.0	481
4	Micro- (nano) plastics in freshwater ecosystems: Abundance, toxicological impact and quantification methodology. TrAC - Trends in Analytical Chemistry, 2019, 110, 116-128.	11.4	333
5	Ecotoxicological effects of microplastics: Examination of biomarkers, current state and future perspectives. TrAC - Trends in Analytical Chemistry, 2019, 111, 37-46.	11.4	324
6	Importance of prebiotics in aquaculture as immunostimulants. Effects on immune system of Sparus aurata and Dicentrarchus labrax. Fish and Shellfish Immunology, 2016, 54, 172-178.	3.6	285
7	Fish response to hypoxia stress: growth, physiological, and immunological biomarkers. Fish Physiology and Biochemistry, 2019, 45, 997-1013.	2.3	235
8	Multidisciplinary haematology as prognostic device in environmental and xenobiotic stress-induced response in fish. Science of the Total Environment, 2019, 670, 1170-1183.	8.0	219
9	Mussel digestive gland as a model tissue for assessing xenobiotics: An overview. Science of the Total Environment, 2018, 636, 220-229.	8.0	215
10	Effects of waterborne antidepressants on non-target animals living in the aquatic environment: A review. Science of the Total Environment, 2018, 631-632, 789-794.	8.0	213
11	Antioxidant defense system, immune response and erythron profile modulation in gold fish, Carassius auratus, after acute manganese treatment. Fish and Shellfish Immunology, 2018, 76, 101-109.	3.6	208
12	MicroRNAs and their role on fish oxidative stress during xenobiotic environmental exposures. Ecotoxicology and Environmental Safety, 2018, 148, 995-1000.	6.0	193
13	Impact of date palm fruits extracts and probiotic enriched diet on antioxidant status, innate immune response and immune-related gene expression of European seabass (Dicentrarchus labrax). Fish and Shellfish Immunology, 2016, 52, 298-308.	3.6	186
14	Cytotoxicity, haemolymphatic parameters, and oxidative stress following exposure to sub-lethal concentrations of quaternium-15 in Mytilus galloprovincialis. Aquatic Toxicology, 2016, 180, 258-265.	4.0	182
15	Host-Associated Probiotics: A Key Factor in Sustainable Aquaculture. Reviews in Fisheries Science and Aquaculture, 2020, 28, 16-42.	9.1	178
16	Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in Oreochromis mossambicus. Ecotoxicology and Environmental Safety, 2018, 162, 147-159.	6.0	171
17	The use of erythrocyte fragility to assess xenobiotic cytotoxicity. Cell Biochemistry and Function, 2015, 33, 351-355.	2.9	153
18	Flavonoids and platelet aggregation: A brief review. European Journal of Pharmacology, 2017, 807, 91-101.	3.5	149

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19	Microplastics occurrence in the Tyrrhenian waters and in the gastrointestinal tract of two congener species of seabreams. Environmental Toxicology and Pharmacology, 2019, 67, 35-41.	4.0	143
20	Tramadol hydrochloride: Pharmacokinetics, pharmacodynamics, adverse side effects, co-administration of drugs and new drug delivery systems. Biomedicine and Pharmacotherapy, 2015, 70, 234-238.	5.6	135
21	Immunohistochemical characterization of Toll-like receptor 2 in gut epithelial cells and macrophages of goldfish C arassius auratus fed with a high-cholesterol diet. Fish and Shellfish Immunology, 2016, 59, 250-255.	3.6	135
22	Effects of glyphosate on early life stages: comparison between Cyprinus carpio and Danio rerio. Environmental Science and Pollution Research, 2018, 25, 8542-8549.	5.3	127
23	Effect of sodium dodecyl sulfate (SDS) on stress response in the Mediterranean mussel (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overlock 1 to oxidative stress. Aquatic Toxicology, 2014, 157, 94-100.	4.0	121
24	The Influence of Exposure of Cadmium Chloride and Zinc Chloride on Haemolymph and Digestive Gland Cells from Mytilus galloprovincialis. International Journal of Environmental Research, 2017, 11, 207-216.	2.3	121
25	Herbal Immunomodulators in Aquaculture. Reviews in Fisheries Science and Aquaculture, 2021, 29, 33-57.	9.1	120
26	Mucosal immune parameters, immune and antioxidant defence related genes expression and growth performance of zebrafish (Danio rerio) fed on Gracilaria gracilis powder. Fish and Shellfish Immunology, 2018, 83, 232-237.	3.6	119
27	Bioaccumulation of Heavy Metals in Blood and Tissue ofÂStriped Mullet in Two Italian Lakes. Journal of Aquatic Animal Health, 2014, 26, 278-284.	1.4	118
28	Estrogen regulation of gene expression in the teleost fish immune system. Fish and Shellfish Immunology, 2016, 58, 42-49.	3.6	118
29	Effects of Assam tea extract on growth, skin mucus, serum immunity and disease resistance of Nile tilapia (Oreochromis niloticus) against Streptococcus agalactiae. Fish and Shellfish Immunology, 2019, 93, 428-435.	3.6	114
30	Assessment of Electrolytes and Metals Profile of the Faro Lake (Capo Peloro Lagoon, Sicily, Italy) and Its Impact on Mytilus galloprovincialis. Chemistry and Biodiversity, 2018, 15, e1800044.	2.1	110
31	Can dietary ginger (Zingiber officinale) alter biochemical and immunological parameters and gene expression related to growth, immunity and antioxidant system in zebrafish (Danio rerio)?. Aquaculture, 2019, 507, 341-348.	3.5	110
32	Effects of heavy metals on fish physiology â€“ A review. Chemosphere, 2022, 300, 134519.	8.2	108
33	Assessing the effects of neonicotinoid insecticide on the bivalve mollusc Mytilus galloprovincialis. Science of the Total Environment, 2020, 700, 134914.	8.0	97
34	Effect of CdCl2 on Regulatory Volume Decrease (RVD) in Mytilus galloprovincialis digestive cells. Toxicology in Vitro, 2013, 27, 1260-1266.	2.4	96
35	Opuntia ficus-indica (L.) Miller as a source of bioactivity compounds for health and nutrition. Natural Product Research, 2018, 32, 2037-2049.	1.8	96
36	Evaluation of Functionality and Biological Responses of Mytilus galloprovincialis after Exposure to Quaternium-15 (Methenamine 3-Chloroallylochloride). Molecules, 2016, 21, 144.	3.8	94

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37	Acute exposure of common yabby (Cherax destructor) to the neonicotinoid pesticide. Science of the Total Environment, 2019, 665, 718-723.	8.0	93
38	Studying microplastics: Lessons from evaluated literature on animal model organisms and experimental approaches. Journal of Hazardous Materials, 2021, 414, 125476.	12.4	92
39	Influence of different salinity on haematological and biochemical parameters of the widely cultured mullet,Mugil cephalus. Marine and Freshwater Behaviour and Physiology, 2013, 46, 211-218.	0.9	90
40	Histopathological lesions and toxicity in common carp (Cyprinus carpio L. 1758) induced by copper nanoparticles. Microscopy Research and Technique, 2018, 81, 724-729.	2.2	90
41	Stimulation of Erythrocyte Cell Membrane Scrambling by Mitotane. Cellular Physiology and Biochemistry, 2014, 33, 1516-1526.	1.6	88
42	Toxicity of naproxen sodium and its mixture with tramadol hydrochloride on fish early life stages. Chemosphere, 2017, 188, 414-423.	8.2	88
43	Haematological and serum protein profiles of Mugil cephalus: effect of two different habitats. Ichthyological Research, 2013, 60, 36-42.	0.8	86
44	Biochemical and physiological responses induced in Mytilus galloprovincialis after a chronic exposure to salicylic acid. Aquatic Toxicology, 2019, 214, 105258.	4.0	85
45	Acute effects of neonicotinoid insecticides on Mytilus galloprovincialis: A case study with the active compound thiacloprid and the commercial formulation calypso 480 SC. Ecotoxicology and Environmental Safety, 2020, 203, 110980.	6.0	85
46	An approach to the study of the immunity functions of bivalve haemocytes: Physiology and molecular aspects. Fish and Shellfish Immunology, 2017, 67, 513-517.	3.6	84
47	Physiological and metabolic approach of plastic additive effects: Immune cells responses. Journal of Hazardous Materials, 2021, 404, 124114.	12.4	83
48	Stimulation of Suicidal Erythrocyte Death by Artesunate. Cellular Physiology and Biochemistry, 2014, 34, 2232-2244.	1.6	81
49	Humoral and skin mucosal immune parameters, intestinal immune related genes expression and antioxidant defense in rainbow trout (Oncorhynchus mykiss) fed olive (Olea europea L.) waste. Fish and Shellfish Immunology, 2020, 100, 171-178.	3.6	81
50	Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	4.0	81
51	Impact of phthalates and bisphenols plasticizers on haemocyte immune function of aquatic invertebrates: A review on physiological, biochemical, and genomic aspects. Journal of Hazardous Materials, 2021, 419, 126426.	12.4	81
52	Oxidative stress induced by fluoroquinolone enrofloxacin in zebrafish (Danio rerio) can be ameliorated after a prolonged exposure. Environmental Toxicology and Pharmacology, 2019, 67, 87-93.	4.0	80
53	Modulation of mitochondrial functions by xenobiotic-induced microRNA: From environmental sentinel organisms to mammals. Science of the Total Environment, 2018, 645, 79-88.	8.0	79
54	Detection of artificial cellulose microfibers in Boops boops from the northern coasts of Sicily (Central Mediterranean). Science of the Total Environment, 2019, 691, 455-465.	8.0	79

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55	Effect of Nitazoxanide on Erythrocytes. Basic and Clinical Pharmacology and Toxicology, 2014, 114, 421-426.	2.5	77
56	InÂvitro evaluation of antibacterial activity of Asparagopsis taxiformis from the Straits of Messina against pathogens relevant in aquaculture. Marine Environmental Research, 2012, 73, 1-6.	2.5	76
57	Effects of corncob derived xylooligosaccharide on innate immune response, disease resistance, and growth performance in Nile tilapia (Oreochromis niloticus) fingerlings. Aquaculture, 2018, 495, 786-793.	3.5	76
58	Aristolochic Acid Induced Suicidal Erythrocyte Death. Kidney and Blood Pressure Research, 2014, 39, 408-419.	2.0	75
59	Fitness Evaluation of Ruditapes philippinarum Exposed to Ni. Biological Trace Element Research, 2017, 177, 384-393.	3.5	75
60	Impact of Neonicotinoids to Aquatic Invertebratesâ€"In Vitro Studies on Mytilus galloprovincialis: A Review. Journal of Marine Science and Engineering, 2020, 8, 801.	2.6	75
61	A new digestion approach for the extraction of microplastics from gastrointestinal tracts (GITs) of the common dolphinfish (Coryphaena hippurus) from the western Mediterranean Sea. Journal of Hazardous Materials, 2020, 397, 122794.	12.4	75
62	Copper Induced Lysosomal Membrane Destabilisation in Haemolymph Cells of Mediterranean Green Crab (Carcinus aestuarii, Nardo, 1847) from the Narta Lagoon (Albania). Brazilian Archives of Biology and Technology, 2015, 58, 750-756.	0.5	74
63	Toxicity of Deltamethrin to Zebrafish Gonads Revealed by Cellular Biomarkers. Journal of Marine Science and Engineering, 2020, 8, 73.	2.6	74
64	Effects of long-term exposure of Mytilus galloprovincialis to thiacloprid: A multibiomarker approach. Environmental Pollution, 2021, 289, 117892.	7.5	73
65	Comparative study of the biochemical and haematological parameters of four wild Tyrrhenian fish species. Veterinarni Medicina, 2013, 58, 576-581.	0.6	72
66	Effect of saponin on erythrocytes. International Journal of Hematology, 2014, 100, 51-59.	1.6	72
67	Effects of selected tricyclic antidepressants on early-life stages of common carp (Cyprinus carpio). Chemosphere, 2017, 185, 1072-1080.	8.2	71
68	Rutin as Neuroprotective Agent: From Bench to Bedside. Current Medicinal Chemistry, 2019, 26, 5152-5164.	2.4	70
69	Effect of longâ€term exposure of silver nanoparticles on growth indices, hematological and biochemical parameters and gonad histology of male goldfish (Carassius auratus gibelio). Microscopy Research and Technique, 2019, 82, 1224-1230.	2.2	66
70	Stimulation of Suicidal Erythrocyte Death by PRIMA-1. Cellular Physiology and Biochemistry, 2015, 35, 529-540.	1.6	65
71	Estramustine-Induced Suicidal Erythrocyte Death. Cellular Physiology and Biochemistry, 2013, 32, 1426-1436.	1.6	64
72	Extract of common mallow (Malvae sylvestris) enhances growth, immunity, and resistance of rainbow trout (Oncorhynchus mykiss) fingerlings against Yersinia ruckeri infection. Fish and Shellfish Immunology, 2020, 96, 254-261.	3.6	64

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73	Chemically and Green Synthesized ZnO Nanoparticles Alter Key Immunological Molecules in Common Carp (Cyprinus carpio) Skin Mucus. International Journal of Molecular Sciences, 2021, 22, 3270.	4.1	64
74	Oregano (Origanum vulgare) Extract Enhances Zebrafish (Danio rerio) Growth Performance, Serum and Mucus Innate Immune Responses and Resistance against Aeromonas hydrophila Challenge. Animals, 2021, 11, 299.	2.3	63
75	Triggering of Suicidal Erythrocyte Death by Ruxolitinib. Cellular Physiology and Biochemistry, 2015, 37, 768-778.	1.6	62
76	The oak (Quercus brantii) acorn as a growth promotor for rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5(parameters. Natural Product Research, 2020, 34, 2413-2423.	1.8	62
77	Source, bioaccumulation, degradability and toxicity of triclosan in aquatic environments: A review. Environmental Technology and Innovation, 2022, 25, 102122.	6.1	62
78	Evaluation of anticoagulant activity of two algal polysaccharides. Natural Product Research, 2016, 30, 1934-1937.	1.8	61
79	FTY720-Induced Suicidal Erythrocyte Death. Cellular Physiology and Biochemistry, 2010, 26, 761-766.	1.6	60
80	Tanshinone IIA Stimulates Erythrocyte Phosphatidylserine Exposure. Cellular Physiology and Biochemistry, 2012, 30, 282-294.	1.6	60
81	Effects of Copper Oxide Nanoparticles (CuO-NPs) on Parturition Time, Survival Rate and Reproductive Success of Guppy Fish, Poecilia reticulata. Journal of Cluster Science, 2020, 31, 499-506.	3.3	60
82	Pinna nobilis: A big bivalve with big haemocytes?. Fish and Shellfish Immunology, 2016, 55, 529-534.	3.6	59
83	Combined effects of moderate hypoxia, pesticides and PCBs upon crucian carp fish, Carassius carassius, from a freshwater lake- in situ ecophysiological approach. Aquatic Toxicology, 2020, 228, 105644.	4.0	59
84	Impacts of salicylic acid in Mytilus galloprovincialis exposed to warming conditions. Environmental Toxicology and Pharmacology, 2020, 80, 103448.	4.0	59
85	The effects of subchronic exposure to NeemAzal T/S on zebrafish (Danio rerio). Chemistry and Ecology, 2018, 34, 199-210.	1.6	57
86	New Insights into the Culture Method and Antibacterial Potential of Gracilaria gracilis. Marine Drugs, 2018, 16, 492.	4.6	57
87	Effects of S-metolachlor and its degradation product metolachlor OA on marbled crayfish (Procambarus virginalis). Chemosphere, 2019, 224, 616-625.	8.2	56
88	Stimulation of Suicidal Erythrocyte Death by Garcinol. Cellular Physiology and Biochemistry, 2015, 37, 805-815.	1.6	55
89	Edelfosine Induced Suicidal Death of Human Erythrocytes. Cellular Physiology and Biochemistry, 2015, 37, 2221-2230.	1.6	55
90	Triggering of Suicidal Erythrocyte Death Following Boswellic Acid Exposure. Cellular Physiology and Biochemistry, 2015, 37, 131-142.	1.6	55

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91	How the marine biotoxins affect human health. Natural Product Research, 2018, 32, 621-631.	1.8	55
92	Digestive cells from Mytilus galloprovincialis show a partial regulatory volume decrease following acute hypotonic stress through mechanisms involving inorganic ions. Cell Biochemistry and Function, 2013, 31, 489-495.	2.9	54
93	NeemAzal T/S - toxicity to early-life stages of common carp (Cyprinus carpio L.). Veterinarni Medicina, 2015, 60, 23-30.	0.6	54
94	Î²-1, 3 glucan binding protein based selenium nanowire enhances the immune status of Cyprinus carpio and protection against Aeromonas hydrophila infection. Fish and Shellfish Immunology, 2018, 83, 61-75.	3.6	54
95	Intestinal immunity of dogfish Scyliorhinus canicula spiral valve: A histochemical, immunohistochemical and confocal study. Fish and Shellfish Immunology, 2019, 87, 490-498.	3.6	54
96	Health benefits and potential applications of fucoidan (FCD) extracted from brown seaweeds in aquaculture: An updated review. Fish and Shellfish Immunology, 2022, 122, 115-130.	3.6	52
97	Immunomodulation, antioxidant enhancement and immune genes up-regulation in rainbow trout (Oncorhynchus mykiss) fed on seaweeds included diets. Fish and Shellfish Immunology, 2020, 106, 852-858.	3.6	51
98	Bioinspired Zinc Oxide Nanoparticles Using Lycopersicon esculentum for Antimicrobial and Anticancer Applications. Journal of Cluster Science, 2019, 30, 1465-1479.	3.3	50
99	Effects of palmitoylethanolamide on intestinal injury and inflammation caused by ischemia-reperfusion in mice. Journal of Leukocyte Biology, 2012, 91, 911-920.	3.3	49
100	Oxaliplatin Induced Suicidal Death of Human Erythrocytes. Cellular Physiology and Biochemistry, 2015, 37, 2393-2404.	1.6	49
101	Nocodazole Induced Suicidal Death of Human Erythrocytes. Cellular Physiology and Biochemistry, 2016, 38, 379-392.	1.6	48
102	Erythrocyte deformability â€" A partner of the inflammatory response. Microvascular Research, 2016, 107, 34-38.	2.5	48
103	A potential microRNA regulation of immune-related genes in invertebrate haemocytes. Science of the Total Environment, 2018, 621, 302-307.	8.0	48
104	Androgenic activation, impairment of the monoaminergic system and altered behavior in zebrafish larvae exposed to environmental concentrations of fenitrothion. Science of the Total Environment, 2021, 775, 145671.	8.0	48
105	Chorein sensitivity of cytoskeletal organization and degranulation of platelets. FASEB Journal, 2013, 27, 2799-2806.	0.5	47
106	Triggering of Suicidal Erythrocyte Death by Zosuquidar. Cellular Physiology and Biochemistry, 2015, 37, 2355-2365.	1.6	47
107	Fucoxanthin Induced Suicidal Death of Human Erythrocytes. Cellular Physiology and Biochemistry, 2015, 37, 2464-2475.	1.6	47
108	Ca2+ Entry, Oxidative Stress, Ceramide and Suicidal Erythrocyte Death Following Diosgenin Treatment. Cellular Physiology and Biochemistry, 2016, 39, 1626-1637.	1.6	46

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109	Growth and liver histology of Channa punctatus exposed to a common biofertilizer. Natural Product Research, 2019, 33, 1591-1598.	1.8	46
110	Effect of allicin on antioxidant defense system, and immune response after carbofuran exposure in Nile tilapia, Oreochromis niloticus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 240, 108919.	2.6	45
111	Potential Use of Polysaccharides from the Brown Alga Undaria pinnatifida as Anticoagulants. Brazilian Archives of Biology and Technology, 2015, 58, 798-804.	0.5	43
112	Micro(nano)-plastics in the environment and risk of carcinogenesis: Insight into possible mechanisms. Journal of Hazardous Materials, 2021, 416, 126143.	12.4	42
113	The effects of a therapeutic formalin bath on selected immunological and oxidative stress parameters in common carp (Cyprinus carpio). Science of the Total Environment, 2019, 653, 1120-1127.	8.0	41
114	Effect of Thioridazine on Erythrocytes. Toxins, 2013, 5, 1918-1931.	3.4	40
115	Cortisol affects metabolic and ionoregulatory responses to a different extent depending on feeding ration in common carp, Cyprinus carpio. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 189, 45-57.	1.8	40
116	Digital light microscopy as a tool in toxicological evaluation of fish erythrocyte morphological abnormalities. Microscopy Research and Technique, 2020, 83, 362-369.	2.2	40
117	Toxic impacts induced by Sodium lauryl sulfate in Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 242, 110656.	1.8	40
118	Effects of dietary Origanum vulgare on gilthead seabream (Sparus aurata L.) immune and antioxidant status. Fish and Shellfish Immunology, 2020, 99, 452-461.	3.6	39
119	Triggering of Erythrocyte Cell Membrane Scrambling by Emodin. Cellular Physiology and Biochemistry, 2016, 40, 91-103.	1.6	37
120	Chronic Effects of DiazinonÂ® Exposures Using Integrated Biomarker Responses in Freshwater Walking Catfish, Clarias batrachus. Applied Sciences (Switzerland), 2021, 11, 10902.	2.5	37
121	Immunohistochemical characterization of epidermal dendritic-like cells in giant mudskipper, Periophthalmodon schlosseri. Fish and Shellfish Immunology, 2018, 74, 380-385.	3.6	36
122	In vitro effects of silver nanoparticles on gills morphology of female Guppy (Poecilia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (re	2.2	36
123	The Dietary Effect of Vitex agnus-castus Hydroalcoholic Extract on Growth Performance, Blood Biochemical Parameters, Carcass Quality, Sex Ratio and Gonad Histology in Zebrafish (Danio rerio). Applied Sciences (Switzerland), 2020, 10, 1402.	2.5	36
124	Triclosan elicited biochemical and transcriptomic alterations in Labeo rohita larvae. Environmental Toxicology and Pharmacology, 2021, 88, 103748.	4.0	36
125	Evaluation of Tramadol Hydrochloride Toxicity to Juvenile Zebrafishâ€"Morphological, Antioxidant and Histological Responses. Applied Sciences (Switzerland), 2020, 10, 2349.	2.5	35
126	Review: Mytilus galloprovincialis: An essential, low-cost model organism for the impact of xenobiotics on oxidative stress and public health. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 256, 109302.	2.6	35

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127	Serum- and Glucocorticoid-Inducible Kinase 1 Sensitive NF-κB Signaling in Dendritic Cells. Cellular Physiology and Biochemistry, 2014, 34, 943-954.	1.6	34
128	Stimulation of Suicidal Erythrocyte Death by the CDC25 Inhibitor NSC-95397. Cellular Physiology and Biochemistry, 2016, 40, 597-607.	1.6	34
129	'Drink and sleep like a fish': goldfish as a behavior model to study pharmaceutical effects in freshwater ecosystems. Journal of Biological Research (Italy), 2019, 92, .	0.1	34
130	Physiological and biochemical responses of Mediterranean green crab, Carcinus aestuarii, to different environmental stressors: Evaluation of hemocyte toxicity and its possible effects on immune response. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 231, 108739.	2.6	34
131	MicroRNA-mediated stress response in bivalve species. Ecotoxicology and Environmental Safety, 2021, 208, 111442.	6.0	34
132	Eryptosis: Ally or Enemy. Current Medicinal Chemistry, 2017, 24, 937-942.	2.4	34
133	Comparison of Clâ^'-absorption in the intestine of the seawater- and freshwater-adapted eel,Anguilla anguilla: Evidence for the presence of an Na-K-Cl cotransport system on the luminal membrane of the enterocyte. The Journal of Experimental Zoology, 1992, 263, 245-253.	1.4	33
134	The Dietary Effects of Nutmeg (Myristica fragrans) Extract on Growth, Hematological Parameters, Immunity, Antioxidant Status, and Disease Resistance of Common Carp (Cyprinus carpio) against Aeromonas hydrophila. Journal of Marine Science and Engineering, 2022, 10, 325.	2.6	33
135	Combined effects of salinity changes and salicylic acid exposure in Mytilus galloprovincialis. Science of the Total Environment, 2020, 715, 136804.	8.0	32
136	Cortisol emphasizes the metabolic strategies employed by common carp, Cyprinus carpio at different feeding and swimming regimes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 449-464.	1.8	31
137	Bioconcentration of Essential and Nonessential Elements in Black Sea Turbot (Psetta Maxima Maeotica) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	31
138	Evaluation of Behavioral Changes and Tissue Damages in Common Carp (Cyprinus carpio) after Exposure to the Herbicide Glyphosate. Veterinary Sciences, 2021, 8, 218.	1.7	31
139	Mooseer (Allium hirtifolium) boosts growth, general health status, and resistance of rainbow trout (Oncorhynchus mykiss) against Streptococcus iniae infection. Fish and Shellfish Immunology, 2022, 120, 360-368.	3.6	31
140	1,25(OH) ₂ vitamin D ₃ â€dependent inhibition of platelet Ca ²⁺ signaling and thrombus formation in klothoâ€deficient mice. FASEB Journal, 2014, 28, 2108-2119.	0.5	30
141	The influence of acute handling stress on some blood parameters in cultured sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.8	30
142	Stimulation of Suicidal Erythrocyte Death by Rottlerin. Cellular Physiology and Biochemistry, 2016, 40, 558-566.	1.6	30
143	1,1,1-trichloro-2,2-bis (p-chlorophenyl)-ethane (DDT) and 1,1-Dichloro-2,2-bis (p, pâ€™-chlorophenyl) ethylene (DDE) as endocrine disruptors in human and wildlife: A possible implication of mitochondria. Environmental Toxicology and Pharmacology, 2021, 87, 103684.	4.0	30
144	Dinitroaniline herbicide pendimethalin affects development and induces biochemical and histological alterations in zebrafish early-life stages. Science of the Total Environment, 2022, 828, 154414.	8.0	30

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145	Effect of storage time on haematological parameters in mullet, Mugil cephalus. Cell Biochemistry and Function, 2013, 31, 412-416.	2.9	29
146	AMPK-sensitive cellular transport. Journal of Biochemistry, 2014, 155, 147-158.	1.7	29
147	Stimulation of Erythrocyte Cell Membrane Scrambling by Quinine. Cellular Physiology and Biochemistry, 2016, 40, 657-667.	1.6	29
148	Potential Antibacterial Activity of Marine Macroalgae against Pathogens Relevant for Aquaculture and Human Health. Journal of Pure and Applied Microbiology, 2017, 11, 1695-1706.	0.9	29
149	Immune-antioxidant trait, Aeromonas veronii resistance, growth, intestinal architecture, and splenic cytokines expression of Cyprinus carpio fed Prunus armeniaca kernel-enriched diets. Fish and Shellfish Immunology, 2022, 124, 182-191.	3.6	29
150	Comparative assessment of the antioxidative defense system in subadult and adult anurans: A lesson from the Bufotes viridis toad. Zoology, 2018, 130, 30-37.	1.2	28
151	Zebrafish as a Screening Model to Study the Single and Joint Effects of Antibiotics. Pharmaceuticals, 2021, 14, 578.	3.8	28
152	Do Single-Component and Mixtures Selected Organic UV Filters Induce Embryotoxic Effects in Zebrafish (Danio rerio)?. Water (Switzerland), 2021, 13, 2203.	2.7	28
153	Effects of different levels of carotenoids and light sources on swordtail fish (Xiphophorus helleri) growth, survival rate and reproductive parameters. Natural Product Research, 2021, 35, 1-12.	1.8	28
154	Helix aspersa as sentinel of development damage for biomonitoring purpose: A validation study. Molecular Reproduction and Development, 2019, 86, 1283-1291.	2.0	27
155	Evaluation of softwood and hardwood sawmill wastes impact on the common carp "Cyprinus carpio" and its aquatic environment: An oxidative stress study. Environmental Toxicology and Pharmacology, 2020, 75, 103327.	4.0	27
156	The effect of foodborne sertraline on rainbow trout (Oncorhynchus mykiss). Science of the Total Environment, 2020, 708, 135082.	8.0	27
157	Protective Effect of Emblica officinalis in Cyprinus carpio against Hepatotoxicity Induced by Malachite Green: Ultrastructural and Molecular Analysis. Applied Sciences (Switzerland), 2021, 11, 3507.	2.5	27
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