

Mohd Ashraf Rather

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

446
citations

759233

12
h-index

752698

20
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26
all docs

26
docs citations

26
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular modeling, docking and dynamic simulations of growth hormone receptor (GHR) of <i>Labeo rohita</i> . Journal of Biomolecular Structure and Dynamics, 2022, 40, 3024-3037.	3.5	10
2	A comprehensive genomic study, mutation screening, phylogenetic and statistical analysis of SARS-CoV-2 and its variant omicron among different countries. Journal of Infection and Public Health, 2022, 15, 878-891.	4.1	24
3	Genome wide identification, phylogeny, and synteny analysis of sox gene family in common carp (<i>Cyprinus carpio</i>). Biotechnology Reports (Amsterdam, Netherlands), 2021, 30, e00607.	4.4	13
4	Nanobiotechnology: Prospects and Applications in Aquaculture. , 2021, , 197-210.		2
5	Structural analysis, molecular docking and molecular dynamics simulations of G-protein-coupled receptor (kisspeptin) in fish. Journal of Biomolecular Structure and Dynamics, 2020, 38, 2422-2439.	3.5	30
6	Molecular and computational analysis of Ghrelin, growth hormone Secretagogues receptor and mRNA expression of Growth-related genes after exogenous administered ghrelin peptide in <i>Labeo rohita</i> . International Journal of Biological Macromolecules, 2020, 142, 756-768.	7.5	12
7	Genome-Wide Identification and Expression Analysis of PPOs and POX Gene Families in the Selected Plant Species. Biosciences, Biotechnology Research Asia, 2020, 17, 301-318.	0.5	9
8	Comprehensive review on wastewater discharged from the coal-related industries – characteristics and treatment strategies. Water Science and Technology, 2019, 79, 2023-2035.	2.5	33
9	Genome-Wide identification of doublesex and Mab-3-Related transcription factor (DMRT) genes in Nile tilapia (<i>Oreochromis niloticus</i>). Biotechnology Reports (Amsterdam, Netherlands), 2019, 24, e00398.	4.4	15
10	Molecular and Cellular Toxicology of Nanomaterials with Related to Aquatic Organisms. Advances in Experimental Medicine and Biology, 2018, 1048, 263-284.	1.6	4
11	Cloning, characterisation, docking and expression analysis of 3-beta-hydroxysteroid dehydrogenase during ontogenetic development and annual reproductive cycles in catfish, <i>Clarias batrachus</i> . Theriogenology, 2018, 105, 34-44.	2.1	9
12	Assessment of DNA Damage During Gene Delivery in Freshwater Prawn by Chitosan Reduced Gold Nanoparticles. Biosciences, Biotechnology Research Asia, 2018, 15, 39-49.	0.5	3
13	Investigation on Growth of Oil Degrading Thermophilic Bacteria Isolated from Hot Spring. Biosciences, Biotechnology Research Asia, 2018, 15, 805-815.	0.5	1
14	Identification and Expression Analysis of Thyroid Stimulating Hormone Receptor (TSHR) in Fish Gonads Following LHRH Treatment. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2017, 87, 719-726.	1.0	12
15	Cloning, expression, molecular modelling and docking analysis of steroidogenic acute regulatory protein (StAR) in <i>Clarias batrachus</i> . Genes and Genomics, 2017, 39, 929-943.	1.4	10
16	Characterization, molecular docking, dynamics simulation and metadynamics of kisspeptin receptor with kisspeptin. International Journal of Biological Macromolecules, 2017, 101, 241-253.	7.5	24
17	Steroidogenic acute regulatory protein (StAR) gene expression construct: Development, nanodelivery and effect on reproduction in air-breathing catfish, <i>Clarias batrachus</i> . International Journal of Biological Macromolecules, 2017, 104, 1082-1090.	7.5	27
18	In silico analysis and expression studies of kisspeptin gene in <i>C. catla</i> . Journal of Biomolecular Structure and Dynamics, 2017, 35, 2485-2496.	3.5	11

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19	Synthesis and characterization of <i>Azadirachta indica</i> constructed silver nanoparticles and their immunomodulatory activity in fish. <i>Aquaculture Research</i> , 2017, 48, 3742-3754.	1.8	21
20	Expression analysis of Sox9 genes during annual reproductive cycles in gonads and after nanodelivery of LHRH in <i>Clarias batrachus</i> . <i>Research in Veterinary Science</i> , 2016, 106, 100-106.	1.9	38
21	Assessment of DNA damage and molecular responses in <i>Labeo rohita</i> (Hamilton, 1822) following short-term exposure to silver nanoparticles. <i>Food and Chemical Toxicology</i> , 2016, 96, 122-132.	3.6	24
22	Molecular cloning, computational analysis and expression pattern of forkhead box I2 (FoxI2) gene in catfish. <i>Computational Biology and Chemistry</i> , 2016, 64, 9-18.	2.3	19
23	Molecular characterization, tissue distribution of Follicle-Stimulating Hormone (FSH) beta subunit and effect of kisspeptin-10 on reproductive hormonal profile of <i>Catla catla</i> (Hamilton, 1822). <i>Aquaculture Research</i> , 2016, 47, 2089-2100.	1.8	13
24	Identification, cDNA Cloning, and Characterization of Luteinizing Hormone Beta Subunit (<i>lhb</i>) Gene in <i>Catla catla</i> . <i>Animal Biotechnology</i> , 2016, 27, 148-156.	1.5	3
25	Preliminary observations on effect of nano-conjugated pheromones on <i>Clarias batrachus</i> (Linnaeus, 1758). <i>Aquaculture Research</i> , 2014, 45, 1415-1420.	1.8	7
26	Chitosan-Nanoconjugated Hormone Nanoparticles for Sustained Surge of Gonadotropins and Enhanced Reproductive Output in Female Fish. <i>PLoS ONE</i> , 2013, 8, e57094.	2.5	72