

Mohd Ashraf Rather

List of Publications by Year in descending order

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26
papers

446
citations

759233

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h-index

752698

20
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26
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26
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan-Nanoconjugated Hormone Nanoparticles for Sustained Surge of Gonadotropins and Enhanced Reproductive Output in Female Fish. PLoS ONE, 2013, 8, e57094.	2.5	72
2	Expression analysis of Sox9 genes during annual reproductive cycles in gonads and after nanodelivery of LHRH in <i>Clarias batrachus</i> . Research in Veterinary Science, 2016, 106, 100-106.	1.9	38
3	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
4	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
5	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
6	Assessment of DNA damage and molecular responses in <i>Labeo rohita</i> (Hamilton, 1822) following short-term exposure to silver nanoparticles. Food and Chemical Toxicology, 2016, 96, 122-132.	3.6	24
7	Characterization, molecular docking, dynamics simulation and metadynamics of kisspeptin receptor with kisspeptin. International Journal of Biological Macromolecules, 2017, 101, 241-253.	7.5	24
8	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
9	Synthesis and characterization of <i>Azadirachta indica</i> constructed silver nanoparticles and their immunomodulatory activity in fish. Aquaculture Research, 2017, 48, 3742-3754.	1.8	21
10	Molecular cloning, computational analysis and expression pattern of forkhead box I2 (Foxl2) gene in catfish. Computational Biology and Chemistry, 2016, 64, 9-18.	2.3	19
11	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
12	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). Aquaculture Research, 2016, 47, 2089-2100.	1.8	13
13	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
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	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
16	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
17	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
18	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

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19	Cloning, characterisation, docking and expression analysis of 3-beta-hydroxysteroid dehydrogenase during ontogenetic development and annual reproductive cycles in catfish, <i>Clarias batrachus</i> . <i>Theriogenology</i> , 2018, 105, 34-44.	2.1	9
20	Genome-Wide Identification and Expression Analysis of PPOs and POX Gene Families in the Selected Plant Species. <i>Biosciences, Biotechnology Research Asia</i> , 2020, 17, 301-318.	0.5	9
21	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
22	Molecular and Cellular Toxicology of Nanomaterials with Related to Aquatic Organisms. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1048, 263-284.	1.6	4
23	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
24	Assessment of DNA Damage During Gene Delivery in Freshwater Prawn by Chitosan Reduced Gold Nanoparticles. <i>Biosciences, Biotechnology Research Asia</i> , 2018, 15, 39-49.	0.5	3
25	Nanobiotechnology: Prospects and Applications in Aquaculture. , 2021, , 197-210.		2
26	Investigation on Growth of Oil Degrading Thermophilic Bacteria Isolated from Hot Spring. <i>Biosciences, Biotechnology Research Asia</i> , 2018, 15, 805-815.	0.5	1