

W S Lakra

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,797
citations

331670

21
h-index

276875

41
g-index

50
all docs

50
docs citations

50
times ranked

1744
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA barcoding Indian marine fishes. <i>Molecular Ecology Resources</i> , 2011, 11, 60-71.	4.8	220
2	Development, characterization, conservation and storage of fish cell lines: a review. <i>Fish Physiology and Biochemistry</i> , 2011, 37, 1-20.	2.3	197
3	Assessment of genotoxic and mutagenic effects of chlorpyrifos in freshwater fish <i>Channa punctatus</i> (Bloch) using micronucleus assay and alkaline single-cell gel electrophoresis. <i>Food and Chemical Toxicology</i> , 2009, 47, 650-656.	3.6	143
4	Investigation of the Genotoxicity of Malathion to Freshwater Teleost Fish <i>Channa punctatus</i> (Bloch) Using the Micronucleus Test and Comet Assay. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 123-130.	4.1	103
5	Freshwater fish biodiversity in the River Ganga (India): changing pattern, threats and conservation perspectives. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 251-272.	4.9	101
6	Mutagenic and genotoxic effects of carbosulfan in freshwater fish <i>Channa punctatus</i> (Bloch) using micronucleus assay and alkaline single-cell gel electrophoresis. <i>Food and Chemical Toxicology</i> , 2010, 48, 202-208.	3.6	86
7	DNA damage and oxidative stress modulatory effects of glyphosate-based herbicide in freshwater fish, <i>Channa punctatus</i> . <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 539-547.	4.0	84
8	Mutagenic and genotoxic assessment of atrazine-based herbicide to freshwater fish <i>Channa punctatus</i> (Bloch) using micronucleus test and single cell gel electrophoresis. <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 314-322.	4.0	72
9	Assessment of tissue-specific effect of cadmium on antioxidant defense system and lipid peroxidation in freshwater murrel, <i>Channa punctatus</i> . <i>Fish Physiology and Biochemistry</i> , 2012, 38, 469-482.	2.3	63
10	Biodiversity, ecohydrology, threat status and conservation priority of the freshwater fishes of river Gomti, a tributary of river Ganga (India). <i>The Environmentalist</i> , 2010, 30, 3-17.	0.7	54
11	Conservation of freshwater fish resources of India: new approaches, assessment and challenges. <i>Biodiversity and Conservation</i> , 2008, 17, 2495-2511.	2.6	50
12	Genetic variation and population structure of endemic yellow catfish, <i>Horabagrus brachysoma</i> (Bagridae) among three populations of Western Ghat region using RAPD and microsatellite markers. <i>Molecular Biology Reports</i> , 2009, 36, 1779-1791.	2.3	44
13	River inter linking in India: status, issues, prospects and implications on aquatic ecosystems and freshwater fish diversity. <i>Reviews in Fish Biology and Fisheries</i> , 2011, 21, 463-479.	4.9	43
14	Evaluation of cytochrome b mtDNA sequences in genetic diversity studies of <i>Channa marulius</i> (Channidae: Perciformes). <i>Molecular Biology Reports</i> , 2011, 38, 841-846.	2.3	40
15	Genetic divergence in wild population of <i>Labeo rohita</i> (Hamilton, 1822) from nine Indian rivers, analyzed through MtDNA cytochrome b region. <i>Molecular Biology Reports</i> , 2012, 39, 3659-3665.	2.3	32
16	Role and relevance of fish cell lines in advanced in vitro research. <i>Molecular Biology Reports</i> , 2022, 49, 2393-2411.	2.3	32
17	Chromosomal localization of 18S and 5S rDNA using FISH in the genus <i>Tor</i> (Pisces, Cyprinidae). <i>Genetica</i> , 2009, 137, 245-252.	1.1	31
18	Establishment and Characterization of a New Muscle Cell Line of Zebrafish (<i>Danio rerio</i>) as an <i>In Vitro</i> Model for Gene Expression Studies. <i>Animal Biotechnology</i> , 2016, 27, 166-173.	1.5	27

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19	Development of monoclonal antibodies to rohu [<i>Labeo rohita</i>] immunoglobulins for use in immunoassays. <i>Fish and Shellfish Immunology</i> , 2008, 25, 761-774.	3.6	26
20	Development and characterization of a continuous cell line PSCF from <i>Puntius sophore</i> . <i>Journal of Fish Biology</i> , 2011, 78, 987-1001.	1.6	23
21	Population genetic structure and phylogeography of cyprinid fish, <i>Labeo dero</i> (Hamilton, 1822) inferred from allozyme and microsatellite DNA marker analysis. <i>Molecular Biology Reports</i> , 2011, 38, 3513-3529.	2.3	23
22	Fish genetics and conservation research in India: status and perspectives. <i>Fish Physiology and Biochemistry</i> , 2007, 33, 475-487.	2.3	20
23	Genetic characterization of <i>Clupisoma garua</i> (Hamilton 1822) from six Indian populations using mtDNA cytochrome <i>b</i> gene. <i>Mitochondrial DNA</i> , 2014, 25, 70-77.	0.6	20
24	DNA barcoding of gobiid fishes (Perciformes, Gobioidae). <i>Mitochondrial DNA</i> , 2015, 26, 15-19.	0.6	20
25	Development and characterization of a cell line TTCF from endangered mahseer <i>Tor tor</i> (Ham.). <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1035-1045.	2.3	19
26	Establishment and characterization of a piscine PCF cell line for toxicity and gene expression studies as in vitro model. <i>Tissue and Cell</i> , 2014, 46, 206-212.	2.2	18
27	Development and characterization of cell culture systems from <i>Puntius (Tor) chelynooides</i> (McClelland). <i>Gene</i> , 2012, 500, 140-147.	2.2	17
28	Karyotypic diversity and evolution of seven mahseer species (Cyprinidae) from India. <i>Journal of Fish Biology</i> , 2009, 75, 1079-1091.	1.6	15
29	Monoclonal antibodies to snakehead, <i>Channa striata</i> immunoglobulins: Detection and quantification of immunoglobulin-positive cells in blood and lymphoid organs. <i>Fish and Shellfish Immunology</i> , 2011, 30, 569-575.	3.6	15
30	Development of an ES-like cell culture system (RESC) from rohu, <i>Labeo rohita</i> (Ham.). <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1775-1783.	2.3	14
31	DNA barcoding of marine ornamental fishes from India. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3093-3097.	0.7	12
32	Genetic Diversity in <i>Metapenaeus dobsoni</i> using RAPD Analysis. <i>Biochemical Genetics</i> , 2009, 47, 421-426.	1.7	11
33	Nucleotide variation and physical mapping of ribosomal genes using FISH in genus <i>Tor</i> (Pisces). <i>Tj ETQq1 1 0.784314.rgBT /Overlock 10</i>	2.3	11
34	De novo development and characterization of polymorphic microsatellite markers in <i>Silonia silondia</i> (Hamilton, 1822) and their validation for population genetic studies. <i>Molecular Biology Reports</i> , 2016, 43, 91-98.	2.3	11
35	A SRCF cell line from snowtrout, <i>Schizothorax richardsonii</i> : Development and characterization. <i>Tissue and Cell</i> , 2013, 45, 219-226.	2.2	10
36	Genetic characterization of <i>Metapenaeus affinis</i> (H. M. Edwards, 1837) using RAPD markers. <i>Molecular Biology Reports</i> , 2010, 37, 3757-3761.	2.3	9

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37	Molecular discrimination of six species of Bagrid catfishes from Indus river system using randomly amplified polymorphic DNA markers. <i>Molecular Biology Reports</i> , 2011, 38, 2961-2965.	2.3	9
38	Characterization of two freshwater silurid catfish using conventional and molecular cytogenetic techniques. <i>Journal of Genetics</i> , 2011, 90, 319-322.	0.7	9
39	Cytochrome b gene sequence divergence of seven sisorid species of catfish genus <i>Glyptothorax</i> (siluriformes, sisoridae) from India. <i>Molecular Biology Reports</i> , 2012, 39, 4275-4282.	2.3	9
40	DNA barcoding of elasmobranchs from Indian Coast and its reliability in delineating geographically widespread specimens. <i>Mitochondrial DNA</i> , 2015, 26, 92-100.	0.6	8
41	Intraspecific genetic diversity in wild <i>Catla catla</i> (Hamilton, 1822) populations assessed through mtDNA cytochrome b sequences. <i>Journal of Applied Ichthyology</i> , 2012, 28, 280-283.	0.7	7
42	Population structure of <i>Tor tor</i> inferred from mitochondrial gene cytochrome b. <i>Mitochondrial DNA</i> , 2013, 24, 290-296.	0.6	6
43	Genetic characterization of Silond catfish, <i>Silonia silondia</i> (Hamilton, 1822) inferred from two mitochondrial markers. <i>Mitochondrial DNA</i> , 2016, 27, 1075-1079.	0.6	6
44	Polymorphic microsatellite markers isolated from partially enriched genomic library of <i>Chitala chitala</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 1263-1265.	1.7	5
45	Assessing Genetic Differentiation in Geographic Populations of <i>Labeo calbasu</i> Using Allozyme Markers. <i>Biochemical Genetics</i> , 2010, 48, 760-778.	1.7	5
46	DNA Barcoding of Marine Fishes: Prospects and Challenges. , 2016, , 285-299.		5
47	Recent Advances in Biotechnology Applications to Aquaculture. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 455-462.	2.4	5
48	Genetic characterization of two hill stream fish species <i>Barilius bendelisis</i> (Ham.1807) and <i>Barilius barna</i> (Ham.1822) using RAPD markers. <i>Molecular Biology Reports</i> , 2012, 39, 10167-10172.	2.3	4
49	Development and characterization of a new cell line CF from caudal fin of knifefish, <i>Chitala chitala</i> (Hamilton-Buchanan). <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 728-733.	1.5	3
50	Tissue Specific Metallothionein Gene Expression in Air-Breathing Teleost, <i>Channa punctata</i> (Bloch). <i>The National Academy of Sciences, India</i> , 2012, 35, 517-523.	1.3	0