

A Gopalakrishnan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1765724/publications.pdf>

Version: 2024-02-01

93
papers

1,193
citations

567281

15
h-index

501196

28
g-index

94
all docs

94
docs citations

94
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA barcoding Indian marine fishes. <i>Molecular Ecology Resources</i> , 2011, 11, 60-71.	4.8	220
2	Molecular identification and phylogenetic relationships of seven Indian Sciaenids (Pisces: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Molecular Biology Reports, 2009, 36, 831-839.	2.3	87
3	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
4	DNA barcoding Indian freshwater fishes. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4510-4517.	0.7	43
5	DNA barcoding reveals species composition of sharks and rays in the Indian commercial fishery. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 458-472.	0.7	43
6	Evaluating genetic differentiation in wild populations of the Indian major carp, <i>Cirrhinus mrigala</i> (Hamiltonâ€“Buchanan, 1882): Evidence from allozyme and microsatellite markers. <i>Aquaculture</i> , 2007, 269, 135-149.	3.5	35
7	Genetic relatedness among fish species of Genus <i>Channa</i> using mitochondrial DNA genes. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 1212-1219.	1.3	30
8	Molecular based phylogenetic species recognition in the genus <i>Pampus</i> (Perciformes: Stromateidae) reveals hidden diversity in the Indian Ocean. <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 240-245.	2.7	24
9	Establishment of caudal fin cell lines from tropical ornamental fishes <i>Puntius fasciatus</i> and <i>Pristolepis fasciata</i> endemic to the Western Ghats of India. <i>Acta Tropica</i> , 2013, 128, 536-541.	2.0	21
10	Population genetic structure of Indian oil sardine, <i>Sardinella longiceps</i> along Indian coast. <i>Gene</i> , 2016, 576, 372-378.	2.2	21
11	Broodstock development, induced breeding and larval rearing of Indian pompano, <i>Trachinotus mookalee</i> , (Cuvier, 1832) â€“ A new candidate species for aquaculture. <i>Aquaculture</i> , 2018, 495, 550-557.	3.5	21
12	Structure and regeneration status of mangrove patches along the estuarine and coastal stretches of Kerala, India. <i>Journal of Forestry Research</i> , 2019, 30, 507-518.	3.6	20
13	Genetic identification and phylogenetic relationships of Indian clariids based on mitochondrial COI sequences. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3777-3780.	0.7	18
14	Mitochondrial ATPase 6/8 genes to infer the population genetic structure of silver pomfret fish <i>Pampus argenteus</i> along the Indian waters. <i>Mitochondrial DNA</i> , 2015, 26, 189-194.	0.6	17
15	Histological profiling of gonads depicting protandrous hermaphroditism in <i>leutheronema tetradactylum</i> . <i>Journal of Fish Biology</i> , 2017, 90, 2402-2411.	1.6	17
16	Immunomodulatory basis of antioxidant therapy and its future prospects: an appraisal. <i>Inflammopharmacology</i> , 2017, 25, 487-498.	3.9	16
17	Breeding, early development and larval rearing of cloudy damsel, <i>Dascyllus carneus</i> Fischer, 1885. <i>Aquaculture</i> , 2019, 505, 374-385.	3.5	16
18	Occurrence of double parasitism on black-barred halfbeak fish from the southeast coast of India. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 832-835.	0.7	15

#	ARTICLE	IF	CITATIONS
19	Genetic variation and phylogenetic relationship between two species of yellow catfish, <i>Horabagrus brachysoma</i> and <i>H. nigricollaris</i> (Teleostei: Horabagridae) based on RAPD and microsatellite markers. <i>Molecular Biology Reports</i> , 2011, 38, 2225-2232.	2.3	15
20	Length-weight relationship and condition factor of wild, grow-out and "loose-shell affected" giant tiger shrimp, <i>Penaeus monodon</i> (Fabricius, 1798) (Decapoda: Penaeidae). <i>Journal of Applied Ichthyology</i> , 2014, 30, 251-253.	0.7	15
21	Molecular characterization of eight Indian Snakehead species (Pisces: Perciformes Channidae) using RAPD markers. <i>Molecular Biology Reports</i> , 2012, 39, 4267-4273.	2.3	14
22	Captive broodstock development, breeding and seed production of Anthid fish (family: Serranidae) <i>Marcia's anthias</i> , <i>Pseudanthias marcia</i> in recirculation aquaculture system (RAS). <i>Aquaculture</i> , 2018, 492, 265-272.	3.5	14
23	What ails fisheries insurance in India? An assessment of issues, challenges and future potential. <i>Marine Policy</i> , 2017, 86, 144-155.	3.2	13
24	Patent data mining in fisheries sector: An analysis using Questel-Orbit and Espacenet. <i>World Patent Information</i> , 2017, 51, 22-30.	1.7	13
25	Neoplasia in the Indian oil sardine, <i>Sardinella longiceps</i> (Valenciennes), and the great barracuda, <i>Sphyaena barracuda</i> (Edwards), from the south-east coast of India. <i>Journal of Fish Diseases</i> , 2011, 34, 881-885.	1.9	12
26	Development and Characterization of RAPD and Microsatellite Markers for Genetic Variation Analysis in the Critically Endangered Yellow Catfish <i>Horabagrus nigricollaris</i> (Teleostei: Horabagridae). <i>Biochemical Genetics</i> , 2011, 49, 83-95.	1.7	12
27	Molecular Tools for Sustainable Management of Aquatic Germplasm Resources of India. <i>Agricultural Research</i> , 2014, 3, 1-21.	1.7	12
28	New insights from nuclear and mitochondrial markers on the genetic diversity and structure of the Indian white shrimp <i>Fenneropenaeus indicus</i> among the marginal seas in the Indian Ocean. <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 53-64.	2.7	12
29	Primers from the orders Osteoglossiform and Siluriform detect polymorphic microsatellite loci in sun-catfish, <i>Horabagrus brachysoma</i> (Teleostei: Bagridae). <i>Journal of Applied Ichthyology</i> , 2006, 22, 456-458.	0.7	11
30	Length-weight relationships of <i>Channa punctata</i> (Bloch, 1793) from Western Ghats rivers of Tamil Nadu. <i>Journal of Applied Ichthyology</i> , 2006, 22, 308-309.	0.7	11
31	Molecular phylogenetics of three species of the genus <i>Rastrelliger</i> using mitochondrial DNA markers. <i>Molecular Biology Reports</i> , 2015, 42, 873-879.	2.3	11
32	A study on prevalence and factors associated with ectoparasitism in goats of two agro-climatic regions in India. <i>Journal of Parasitic Diseases</i> , 2017, 41, 739-746.	1.0	11
33	Population Genetic Structure of Endemic and Endangered Yellow Catfish, <i>Horabagrus brachysoma</i> , Using Allozyme Markers. <i>Biochemical Genetics</i> , 2007, 45, 637-645.	1.7	10
34	Comparative Assessment of Genetic Variability in the Populations of Endemic and Endangered Yellow Catfish, <i>Horabagrus brachysoma</i> (Teleostei: Horabagridae), Based on Allozyme, RAPD, and Microsatellite Markers. <i>Biochemical Genetics</i> , 2012, 50, 192-212.	1.7	10
35	Occurrence of tumour (odontoma) in marine fish <i>Sphyaena jello</i> from the southeast coast of India. <i>Diseases of Aquatic Organisms</i> , 2014, 108, 53-60.	1.0	10
36	Captive maturation, breeding and seed production of Pink ear emperor, <i>Lethrinus lentjan</i> (Lacepede,) Tj ETQq0 0 0 ggBT /Overlock 10 TF	3.5	10

#	ARTICLE	IF	CITATIONS
37	Mitochondrial ATPase 6/8 genes reveal genetic divergence in the <i>Coilia dussumieri</i> (Valenciennes, 1848) populations of north east and northwest coasts of India. <i>Molecular Biology Reports</i> , 2014, 41, 3723-3731.	2.3	9
38	Weak genetic differentiation in cobia, <i>Rachycentron canadum</i> from Indian waters as inferred from mitochondrial DNA ATPase 6 and 8 genes. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2819-2821.	0.7	9
39	Mitochondrial signatures for identification of grouper species from Indian waters. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 451-457.	0.7	9
40	Design and performance of recirculating aquaculture system for marine finfish broodstock development. <i>Aquacultural Engineering</i> , 2019, 85, 90-97.	3.1	9
41	<i>Photobacterium damsela</i> subsp. <i>damsela</i> associated with bacterial myonecrosis and hepatopancreatic necrosis in broodstock Pacific white leg shrimp, <i>Litopenaeus vannamei</i> (Boone, 1931). <i>Aquaculture International</i> , 2020, 28, 1593-1608.	2.2	9
42	Microsatellite loci to determine population structure in the yellow seahorse (<i>Hippocampus kuda</i>) and the three-spotted seahorse (<i>H. trimaculatus</i>). <i>Marine Biodiversity</i> , 2012, 42, 481-488.	1.0	8
43	Landings of whale sharks <i>Rhincodon typus</i> Smith, 1828 in Indian waters since protection in 2001 through the Indian Wildlife (Protection) Act, 1972. <i>Environmental Biology of Fishes</i> , 2013, 96, 713-722.	1.0	8
44	<i>Plectranthias alcocki</i> , a new anthiine fish species (Perciformes: Tj ETQq0 0 0 rBT /Overlock 10 Tf	0.5	8
45	Identification and characterization of microsatellite markers for the population genetic structure in endemic red-tailed barb, <i>Gonoproktopterus curmuca</i> . <i>Molecular Biology Reports</i> , 2014, 41, 3051-3062.	2.3	8
46	Occurrence of chromatophoroma or chromatophoromatosis in <i>Sardinella longiceps</i> (Valenciennes, 1847) from Tamilnadu, southeast coast of India. <i>Journal of Applied Ichthyology</i> , 2016, 32, 712-717.	0.7	8
47	Hints for panmixia in <i>Scomberomorus commerson</i> in Indian waters revealed by mitochondrial ATPase 6 and 8 genes. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2822-2824.	0.7	8
48	Genetic population structure of Indian oil sardine, <i>Sardinella longiceps</i> assessed using microsatellite markers. <i>Conservation Genetics</i> , 2017, 18, 951-964.	1.5	8
49	Genetic population structure and historic demography of Indian mackerel, <i>Rastrelliger kanagurta</i> from Indian peninsular waters. <i>Fisheries Research</i> , 2017, 191, 1-9.	1.7	8
50	Microsatellite DNA markers for population-genetic studies of <i>Labeo dyocheilus</i> (McClelland, 1839). <i>Journal of Applied Ichthyology</i> , 2005, 21, 478-482.	0.7	7
51	First record of three giant marine Bathynomids (Crustacea, Isopoda, Cirolanidae) from India. <i>Acta Oceanologica Sinica</i> , 2011, 30, 113-117.	1.0	7
52	Multiple infections of <i>Enteroocytozoon hepatopenaei</i> and Hepatopancreatic parvovirus in pond-reared <i>Penaeus vannamei</i> in India. <i>Aquaculture</i> , 2021, 545, 737232.	3.5	7
53	Molecular phylogeny of commercially important lobster species from Indian coast inferred from mitochondrial and nuclear DNA sequences. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2700-2709.	0.7	6
54	Th1/Th2 immune responses and oxidative stress in caprine flea allergy dermatitis. <i>Parasite Immunology</i> , 2017, 39, e12500.	1.5	6

#	ARTICLE	IF	CITATIONS
55	Four evolutionarily significant units among narrow-barred Spanish mackerel (<i>Scomberomorus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307	1.0	6
56	Characterization of the Whole Mitogenome of Largehead Hairtail <i>Trichiurus lepturus</i> (Trichiuridae): Insights into Special Characteristics. <i>Biochemical Genetics</i> , 2020, 58, 430-451.	1.7	6
57	Identification of groupers based on pyloric caeca differentiation. <i>Journal of Fish Biology</i> , 2011, 79, 1334-1339.	1.6	5
58	Occurrence of heavy copepod infestation on <i>Hemiramphus lutkei</i> and double parasitisms on <i>Hemiramphus far</i> with copepod (<i>Lernaenicus hemiramphi</i>) and isopod (<i>Mothocya plagulophora</i>). <i>Journal of Parasitic Diseases</i> , 2014, 38, 331-333.	1.0	5
59	Microsatellite Markers to Determine Population Genetic Structure in the Golden Anchovy, <i>Coilia dussumieri</i> . <i>Biochemical Genetics</i> , 2014, 52, 296-309.	1.7	5
60	Bopyrid isopods parasitizing on the cultured fresh water prawn, <i>Macrobrachium malcolmsonii</i> in South India. <i>Journal of Parasitic Diseases</i> , 2017, 41, 93-96.	1.0	5
61	Population genetic structure of <i>Macrobrachium rosenbergii</i> (Palaemonidae) from Indian waters using mitochondrial <i>ATPase 6/8</i> gene. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 602-605.	0.7	5
62	Iridophoroma in Indian mackerel, <i>Rastrelliger kanagurta</i> (Cuvier, 1816). <i>Journal of Applied Ichthyology</i> , 2017, 33, 116-118.	0.7	5
63	Lumefantrine and o-choline " Parasite metabolism specific drug molecules inhibited in vitro growth of <i>Theileria equi</i> and <i>Babesia caballi</i> in MASP culture system. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 568-574.	2.7	5
64	Oral neoplasms in pickhandle barracuda <i>Sphyaena jello</i> from India. <i>Diseases of Aquatic Organisms</i> , 2017, 125, 115-124.	1.0	5
65	Occurrence of isopod <i>Nerocila phaiopleura</i> infestation on Whitefin wolf-herring (<i>Chirocentrus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307	1.0	4
66	Characterization of microsatellite markers in silver pomfret, <i>Pampus argenteus</i> (Perciformes): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307	0.7	4
67	Morphological divergence in Indian oil sardine, <i>Sardinella longiceps</i> Valenciennes, 1847- Does it imply adaptive variation?. <i>Journal of Applied Ichthyology</i> , 2016, 32, 706-711.	0.7	4
68	Buparvaquone therapy in a rock pigeon infected with <i>Haemoproteus columbae</i> showing torticollis. <i>Journal of Parasitic Diseases</i> , 2017, 41, 514-516.	1.0	4
69	Leiomyosarcoma in pickhandle barracuda, <i>Sphyaena jello</i> Cuvier, 1829. <i>Journal of Applied Ichthyology</i> , 2017, 33, 807-809.	0.7	4
70	The complete mitochondrial genome and phylogeny of Indian oil sardine, <i>Sardinella longiceps</i> and Goldstripe <i>Sardinella</i> , <i>Sardinella gibbosa</i> from the Indian Ocean. <i>Conservation Genetics Resources</i> , 2018, 10, 735-739.	0.8	4
71	Identification of microsatellite loci, gene ontology and functional gene annotations in Indian salmon (<i>Eleutheronema tetradactylum</i>) through next-generation sequencing technology using illumina platform. <i>Ecological Genetics and Genomics</i> , 2019, 11, 100038.	0.5	4
72	Influence of weather patterns and air quality on ecological population dynamics of ectoparasites in goats. <i>International Journal of Biometeorology</i> , 2020, 64, 1731-1742.	3.0	4

#	ARTICLE	IF	CITATIONS
73	Characterization of arrhythmias, evaluation of cardiac biomarkers and their association with survival in calves suffering from foot-and-mouth disease. <i>Journal of Veterinary Cardiology</i> , 2021, 36, 64-76.	0.9	4
74	Description of a new species of queenfish, <i>Scomberoides pelagicus</i> from Indian seas. <i>Journal of Environmental Biology</i> , 2022, 43, 105-114.	0.5	4
75	A Review on the Fisheries, Taxonomy, and Status of the Flatfishes in Tropical Waters. <i>Reviews in Fisheries Science and Aquaculture</i> , 2014, 22, 175-183.	9.1	3
76	Evaluation of oxidant-antioxidant status, serum cytokine levels and some cardiac injury biomarkers in acute ruminal lactic acidosis in goats. <i>Small Ruminant Research</i> , 2017, 149, 6-10.	1.2	3
77	Neoplasia in goldlined seabream, <i>Rhabdosargus sarba</i> (Forsskål, 1775). <i>Journal of Fish Diseases</i> , 2018, 41, 405-411.	1.9	3
78	Isolation and characterization of Aquaporin 1 (AQP1), sodium/potassium-transporting ATPase subunit alpha-1 (Na/K-ATPase α 1), Heat Shock Protein 90 (HSP90), Heat Shock Cognate 71 (HSC71), Osmotic Stress Transcription Factor 1 (OSTF1) and Transcription Factor II B (TFIIB) genes from a euryhaline fish, <i>Etroplus suratensis</i> . <i>Molecular Biology Reports</i> , 2018, 45, 2783-2789.	2.3	3
79	Deciphering demographic history and fine-scale population structure of cobia, <i>Rachycentron canadum</i> (Pisces: Rachycentridae) using microsatellite and mitochondrial markers. <i>Marine Biodiversity</i> , 2019, 49, 381-393.	1.0	3
80	Identification of <i>Parapenaeopsis stylifera</i> , a new host for <i>Epipenaeon ingens</i> . <i>Journal of Environmental Biology</i> , 2009, 30, 1063-4.	0.5	3
81	Impact of mineral deposition on shrimp, <i>Penaeus monodon</i> in a high alkaline water. <i>Journal of Environmental Biology</i> , 2011, 32, 283-7.	0.5	3
82	Threatened fishes of the world: <i>Clarias dussumieri dussumieri</i> (Valenciennes, 1840) (Clariidae). <i>Environmental Biology of Fishes</i> , 2010, 87, 297-298.	1.0	2
83	Isolation and characterization of 26 polymorphic microsatellite loci in golden mahseer, <i>Tor putitora</i> (Teleostei, Cyprinidae) and their cross-species amplification in four related species. <i>Conservation Genetics Resources</i> , 2011, 3, 141-145.	0.8	2
84	Redescription of <i>Chlorophthalmus corniger</i> , a senior synonym of <i>Chlorophthalmus bicornis</i> (Family: Tj ETQqO 0 0 r gBT /Overlock 10 Tf 16	0.6	2
85	Scleral fibrosarcoma and conjunctival squamous papilloma in Indian oil sardine, <i>Sardinella longiceps</i> (Valenciennes, 1847). <i>Journal of Applied Ichthyology</i> , 2016, 32, 1221-1223.	0.7	2
86	A clinically rare occurrence of rectal mucosal prolapse associated with tenesmus in a calf caused by <i>Eimeria</i> sp.. <i>Journal of Parasitic Diseases</i> , 2017, 41, 723-725.	1.0	1
87	A rare case of <i>Theileria annulata</i> induced corneal opacity in a calf. <i>Journal of Parasitic Diseases</i> , 2017, 41, 442-445.	1.0	1
88	Contemporary and historic patterns of intraspecific diversity in Indian anchovy, <i>Stolephorus indicus</i> , from Indian peninsular waters. <i>Genetica</i> , 2019, 147, 259-267.	1.1	1
89	Morphological and molecular investigations reveal that <i>Paphia malabarica</i> from Indian waters is not synonymous with <i>Paphia</i> (Protapes) <i>gallus</i> . <i>Regional Studies in Marine Science</i> , 2019, 27, 100549.	0.7	1
90	The signals of selective constraints on the mitochondrial non-coding control region: insights from comparative mitogenomics of Clupeoid fishes. <i>Genetica</i> , 2021, 149, 191-201.	1.1	1

#	ARTICLE	IF	CITATIONS
91	Mitochondrial signatures revealed panmixia in <i>Lutjanus argentimaculatus</i> (Forsskål 1775). <i>Journal of Genetics</i> , 2018, 97, 179-187.	0.7	1
92	Signals of adaptive mitogenomic evolution in an indigenous Cichlid, <i>Eetroplus suratensis</i> (Bloch, 1790) from India. <i>Regional Studies in Marine Science</i> , 2020, 40, 101546.	0.7	0
93	Infestation of <i>Lernaenicus seeri</i> (Copepoda: Pennellidae) and <i>Hirudinella ventricosa</i> (Digenea: Tj ETQq1 1 0.784314 rgBT /Overlock 1 India. <i>Tropical Biomedicine</i> , 2014, 31, 477-86.	0.7	0