
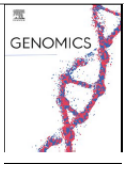

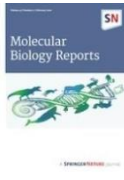


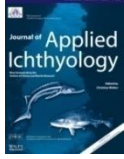




List of papers published by NBFGR during 2020

Sl. No.	Journal	Publication	Impact Factor	
			ISI (2019)	NAAS (2020)
1.		A. Anand, P. Krishnan, G. Kantharajan, S. Arun, P.Kawishwar, Uday Raj, Ch. Srinivasarao., S.B. Choudhury, C. Manjulatha, D.E. Babu, 2020. Assessing the water spread area available for fish culture and fish production potential in inland lentic waterbodies using Remote Sensing: A case study from Chhattisgarh State, India. <i>Remote Sensing Applications: Society and Environment</i> , 17 2020,100273	0.713	-
2.		Anand, A., Krishnan, P., Kiruba-Sankar, R., Suryavamshi, A., Kumar, L.K., Kantharajan, G., Choudhury, S.B., Manjulatha, C., Babu, D.E. 2020. Feasibility of targeted fishing in mesoascle oceanic eddies” a study from commercial fishing grounds of Andaman and Nicobar islands, India <i>International Journal of Remote Sensing</i> 41 (14), 5011-5045.	2.976	8.49
3.		Bhoomaiah D., P. Krishnan, G. Kantharajan, B. Sangeeta, K.V. Rajendran, 2020 A scientometric assessment of research on white spot syndrome virus (WSSV) in India <i>vis-a-vis</i> the world (1998-2017). <i>Aquaculture</i> , 520: 734672	3.224	9.02
4.		Majhi SK, Maurya PK, Kumar S, Mohindra V, Lal KK, 2020. Non-invasive method for collection of <i>Clarias magur</i> (Hamilton, 1822) spermatozoa: A novel approach for catfish domestication, aquaculture and conservation. <i>Aquaculture</i> , 519: 734737.	3.224	9.02
5.		Sah, P., S. Mandal, R.K. Singh, R. Kumar, A. Pathak, N. Dutta, J.K. Srivastava, K.K. Lal and V. Mohindra, 2020. Genetic population structure of endangered Tor mahseer, <i>Tor tor</i> (Hamilton, 1822) inferred by two mitochondrial DNA markers. <i>Meta Gene</i> , 23: 100635	0.88	-
6.		Majhi, S. K., Maurya, P. K., Kumar, S., Mohindra, V., Lal, K. K., 2020. Non-invasive Method for Collection of <i>Clarias magur</i> Spermatozoa for Breeding. <i>MethodsX</i> , 100929. https://doi.org/10.1016/j.mex.2020.100929 .	-	-

7.		Majhi, S. K., Chowdhury, M., Kumar, S., Singh, R. K. Lal, K.K., 2020. Resumption of donor-origin spermatogenesis in senescent goldfish <i>Carassius auratus</i> (Linnaeus, 1758) following spermatogonial cell therapy. PeerJ 8:e9116. https://doi.org/10.7717/peerj.9116	2.38	8.35
8.		Rashid Iliyas, VS Baisvar, M Singh, R Kumar, P Srivastava, B Kushwaha, AK Pathak, 2020. Isolation and characterization of hypoxia inducible heme oxygenase 1 (HMOX1) gene in <i>Labeo rohita</i> . <i>Genomics</i> , 112(3):2327-2333.	6.205	9.16
9.		Kumar, R., V.S. Baisvar, B. Kushwaha, G. Waikhom, L. Thoidingjam and S. Sanjabihari Singh, 2019. Cytogenetic studies in <i>Glossogobius giuris</i> (Hamilton, 1822) through NOR-staining and FISH. <i>Proc. Natl. Acad. Sci., India Section B: Biological Sciences</i> , 90 : 221–226(2020)	-	**
10.		R. Kumar, V.S. Baisvar, B. Kushwaha, Murali S and Vijay Kumar Singh, 2020. Improved protocols for BAC insert DNA isolation, BAC end sequencing and FISH for construction of BAC based physical map of genes on the chromosomes. <i>Molecular Biology Reports</i> , 47: 2405–2413	2.190	8.11
11.		Pradhan, P. K., Paria, A., Yadav, M. K., Verma, D. K., Gupta, S. Swaminathan, T. R., Rathore, G., Sood, N., Lal, K. K., 2020. Susceptibility of Indian major carp <i>Labeo rohita</i> to tilapia lake virus, <i>Aquaculture</i> , Volume 515: 734567.	3.224	9.02
12.		Teena Jayakumar, T.K., T.T. Ajith Kumar and Kuldeep K. Lal, 2020. First Record of the Rare Eel <i>Bathymyrus simus</i> Smith 1965 (Anguilliformes: Congridae) from the Indian Ocean with a Taxonomic Description. <i>Thalassas</i> , 36: 177–184.	0.657	6.657
13.		Saikia, A., Kalita, M., Choudhury, H., Tyagi, L.K., Sarma, D., Lal, K.K., 2020. Embryonic development of the threatened freshwater pipefish <i>Microphis deocata</i> (Hamilton, 1822). <i>Journal of Applied Ichthyology</i> , 36: 90–94.	0.877	6.88
14.		T. Raja Swaminathan, Arathi Dharmaratnam, S. Arun Raja, Sundar Raj, and Kuldeep Kumar Lal, 2020. Establishment and cryopreservation of a cell line derived from caudal fin of endangered catfish <i>Clarias dussumieri</i> Valenciennes, 1840 for genetic conservation. <i>Journal of Fish Biology</i> , 96(3):722 – 730. doi: 10.1111/jfb.14265	1.497	8.04



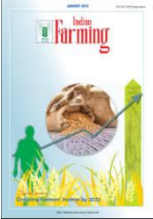



15.		Prasanna Geetha Preena, Thangaraj Raja Swaminathan, Vattiringal Jayadradhan Rejish Kumar and Isaac Sarojini Bright Singh. 2020. Antimicrobial resistance in aquaculture: a crisis for concern. <i>Biologia</i> , https://doi.org/10.2478/s11756-020-00456-4 .	0.811	6.73
16.		Sumithra, T.G., T.V. Arun Kumar, T.R. Swaminathan, V.N. Anusree, P.V. Amala, K.J. Reshma, T.G. Kishor, R. Ratheesh Kumar, S.R.K. Sharma, V. Kripa, D. Prema, and N.K. Sanil. 2020. Epizootics of epizootic ulcerative syndrome among estuarine fishes of Kerala, India, under post-flood conditions. <i>Diseases of Aquatic Organisms</i> , Vol. 139 DOI: https://doi.org/10.3354/dao03465 .	1.710	7.66
17.		Prasanna Geetha Preena, Thangaraj Raja Swaminathan, Vattiringal Jayadradhan Rejish Kumar and Isaac Sarojini Bright Singh. 2020. Unraveling the menace: detection of antimicrobial resistance in aquaculture. <i>Letters in applied Microbiology</i> . https://doi.org/10.1111/lam.13292 .	1.890	7.81
18.		Sheena jose, P. Purushothaman, Manu Madhavan, S. Akash, S. Bharathi, A. Dhinakaran, T. T. Ajith kumar and K. K. Lal 2020. Two new records of hippolytoid shrimps, <i>Lysmata hochi</i> Baeza & Anker, 2008 (Decapoda: Lysmatidae) and <i>Lysmata amboinensis</i> (de Man, 1888) from Lakshadweep Islands, India with taxonomic notes. <i>Zootaxa</i> 4755 (2): 353-364.	1.030	6.99
19.		Jyotsna, ParameswaranVijayakumar, M. Ravi, Raja Sudhakaran, Tohru Mekata and T. Raja Swaminathan, 2020. Development and characterization of a skin cell line (SGA) from the mosquitofish <i>Gambusia affinis</i> and its susceptibility to fish Betanodavirus. <i>Aquaculture</i> .520 734778	3.224	9.02
20.		Absar Alam, V. Gopinath, D. N. Jha, K.D. Joshi , Jeetendra Kumar, Shyamal Chandra Sukla, Venkatesh Rama Rao Thakur, Monika Gupta, and Basant Kumar Das, 2020. Food and feeding biology of commercially important fresh water eel, <i>Mastacembelus armatus</i> (LACEPEDE, 1800) from the Ganga river, India. <i>Oceanogr Fish Open Access J</i> 11(4): OFOAJ.MS.ID.5557818. DOI:10.19080/ OFOAJ. 2020 .11 .555818.		

21.		Das, S.C.S.; A. Khan; A. Alam; V.K. Dubey and K.D.Joshi , Piscine diversity, community structure and distribution patterns of the West Ramganga river: A mid-Himalayan tributary of river Ganga. <i>Indian Journal of Animal Sciences</i> , 90(1): 109-115. January 2020.	0.278	6.23
22.		A. Alam; V. Gopinath; D.N.Jha; J.Kumar, S.C.S.Das; K.D.Joshi ; V.R.Thaku; M.Gupta and B.K.Das, Maturity, breeding cycle and fecundity of <i>Mastacembelus armatus</i> (Actinopterygii: Synbranchiformes : Mastacembelidae): in the sub-tropical waters of river Ganga. <i>Acta Ichthyologica ET Piscatoria</i> , 50 (2): 190-199, 2020. DOI: 10.3750/AIEP/02898	0.629	6.629
23.		Murali S., Basdeo Kushwaha, Akhilesh Kumar Mishra, Ravindra Kumar and Kuldeep Kumar Lal, 2020. National Repository of Fish Cell Lines: Accelerating fish cell line research in various field of fisheries and aquaculture. <i>Current Science</i> , 119(4): 589-590.	0.725	6.76
24.		Paramananda Das, Lakshman Sahoo, Sofia P. Das, Amrita Bit, Chaitanya G. Joshi, Basdeo Kushwaha, Dinesh Kumar, Tejas M. Shah, Ankit T. Hinsu, Namrata Patel, Siddhi Patnaik, Suyash Agarwal, Manmohan Pandey, Shreya Srivastava, Prem Kumar Meher, Pallipuram Jayasankar, Prakash G. Koringa, Naresh S. Nagpure, Ravindra Kumar, Mahender Singh, Mir Asif Iquebal, Sarika Jaiswal, Neeraj Kumar, Mustafa Raza, Kanta Das Mahapatra and Joykrushna Jena, 2020. De novo assembly and genome-wide SNP discovery in rohu carp, <i>Labeo rohita</i> . <i>Frontiers in Genetics: Livestock Genomics</i> , 11: 386. doi:10.3389/fgene.2020	3.258	9.258
25.		Manmohan Pandey, Basdeo Kushwaha, Ravindra Kumar, Prachi Srivastava, Suman Saroj and Mahender Singh, 2020. Evol2Circos: A web-based tool for genome synteny and collinearity analysis and its visualization in fishes, <i>Journal of Heredity</i> , 111(5): 486–490.	2.809	8.81
26.		Chandran, Rejani, Rajeev K. Singh, Achal Singh, Pradipta Paul, Rama Shankar Sah, Rajesh Kumar, Vindhya Mohindra, Kuldeep K. Lal and J. K. Jena, 2020. Spatio-temporal variations in length-weight relationship and condition factor of two notopterids, <i>Chitala chitala</i> (Hamilton, 1822) and <i>Notopterus notopterus</i> (Pallas, 1769). <i>Indian Journal of Fisheries</i> . 67(2):120-124.	0.38	6.26

27.		<p>Tyagi, L. K., Rejani Chandran, Sangeeta Mandal, Trivesh S. Mayekar, Amit Singh Bisht and Sanjay Kumar Singh, 2020. People's Perception on the Status of Fisheries Resources and Habitats in Mahanadi River Basin. <i>Journal of Community Mobilization and Sustainable Development</i>, 15 (1): 39-48.</p>	-	5.30
28.		<p>Dutta, N., Singh, R. K., Pathak, A., Mohindra, V., Mandal, S., Kaur, G., Lal, K. K., 2020. Mitochondrial DNA markers reveal genetic connectivity among populations of Osteoglossiform fish <i>Chitala chitala</i>. <i>Molecular Biology Reports</i>.https://doi.org/10.1007/s11033-020-05901-w.</p>	2.190	8.11
29.		<p>Jyotsnarani Biswal, Rajeev K. Singh, Sangeeta Mandal, Rejani Chandran, Achal Singh, Priyanka Sah, Kuldeep K. Lal, J. K. Jena and Vindhya Mohindra, 2020. Intraspecific phenotype variations in olive barb, <i>Systomus sarana</i> (Hamilton-Buchanan, 1822) population from different rivers is possibly linked to locomotive adaptations in caudal fin. <i>Indian Journal of Fisheries</i>, 67(3): 18-28, https://doi.org/10.21077/ijf.2020.67.3.102563-03</p>	0.38	6.26
30.		<p>Mandal, Sangeeta, Achal Singh, Priyanka Sah, Rajeev K. Singh, Raj Kumar, Kuldeep K. Lal and Vindhya Mohindra, 2020. Genetic and morphological assessment of a vulnerable large catfish, <i>Silonia silondia</i> (Hamilton, 1822), in natural populations from India. <i>Journal of Fish Biology</i>, 1–15. https://doi.org/10.1111/jfb.14587</p>	1.497	8.04
31.		<p>Pathak, A. K., UK Sarkar, Rehana Abidi, 2020. Status of fish diversity in Surha Taal, a natural lake in the floodplains of river Ganga, in Ballia District, Uttar Pradesh, India. <i>Indian Journal of Fisheries</i>, 67 (3), 157-163.</p>	0.38	6.26
32.		<p>Ajey Kumar Pathak, Kantharajan G, Saini V.P, Ravi Kumar, Rajesh Dayal, Vindhya Mohindra, Kuldeep K. Lal, 2020. Fish community and habitat diversity profiling of an ephemeral saline river of Thar Desert for conservation and management. <i>Community Ecology</i>. 21: 303–316</p>	1.088	6.75

33.		<p>Bhoomaiah, Dasari., P. Krishnan, G. Kantharajan, K.V. Rajendran, A.G. Ponniah and Ch. Srinivasa Rao, 2020. Scientometric assessment of research publications from fisheries institutes under Indian Council of Agricultural Research (ICAR) during 2009-2018. Indian Journal of Fisheries, 67(4): 1-12, 2020.https://doi.org/10.21077/ijf.2020.67.4.107384-01</p>	0.38	6.26
34.		<p>Absar Alam, Chadha, N.K., Kumar, A.P., Chakraborty, S.K., Joshi, K.D., Sawant, P.B., Das, S.C.S., Kumar, J. and Kumar, T., 2020. DNA Barcoding and Biometric Investigation on the Invasive <i>Oreochromis niloticus</i> (Linnaeus, 1758) from the River Yamuna of Uttar Pradesh. Indian Journal of Animal Research. 54(7):856-863.</p>	.395	6.44
35.		<p>Chandra Bhushan Kumar, Shilpa Kumari, Anil Kumar, Shivanand, Chinmayee Muduli, Vikash Sahu, S. M. Srivastava, and Gaurav Rathore, 2020. Detection of virulence genes in <i>Aeromonas sobria</i> isolated from diseased fish Rohu, <i>Labeo rohita</i> by PCR. International Journal of Current Microbiol and Applied Sciences</p>	-	5.38
36.		<p>Anutosh Paria, Atul Krishna Dev, Pravata Kumar Pradhan, Rahul Kumar, Gaurav Rathore, Neeraj Sood, 2020. Evaluation of therapeutic potential of selected antifungal chemicals and drugs against <i>Aphanomyces invadans</i>. Aquaculture 529 (2020) 735643.</p>	3.224	9.02
37.		<p>Neeraj Sood, Pravata K. Pradhan, Ravindra, Dev K. Verma, Manoj K. Yadav, Rupesh K. Mishra, Uday Kumar, Thanga R. Swaminathan, Naresh K. Sood, 2020. Large-scale mortality in cultured tilapia <i>Oreochromis niloticus</i> due to infection with <i>Sewanella putrefaciens</i> in India. Journal of World Aquaculture Society 51(2) (2020) 563-570.</p>	1.451	7.39
38.		<p>Shameena, S. S., Kumar, K., Kumar, S., Kumar, S., & Rathore, G., 2020. Virulence characteristics of <i>Aeromonas veronii</i> biovars isolated from infected freshwater goldfish (<i>Carassius auratus</i>). Aquaculture, 518, 734819.</p>	3.224	9.02
39.		<p>P.K. Pradhan, D.K. Verma, L. Peruzza, S. Gupta, S.A. Haq, S.V. Shubin, K.L. Morgan, F. Trusch, V. Mohindra, C. Hauton, P. van West, Neeraj Sood. 2020. Molecular insights into the mechanisms of susceptibility of <i>Labeo rohita</i> against oomycete <i>Aphanomyces invadans</i>. Sci Rep 10, 19531.</p>	3.998	10.01

40.		M.K. Yadav, A. Rastogi, M.P. Criollo Joaquin, D.K. Verma, G. Rathore, T.R. S waminathan, A. Paria, P.K. Pradhan and N. Sood. 2021. Establishment and characterization of a continuous cell line from heart of Nile tilapia <i>Oreochromis niloticus</i> and its susceptibility to tilapia lake virus. Journal of Virological Methods 287, 113989	1.786	7.75
41.		D.K. Verma, L. Peruzza, F. Trusch, M.K. Yadav, Ravindra, S.V. Shubin, K.L. Morgan, V. Mohindra, C. Hauton, P. van West, P.K. Pradhan, N. Sood. 2020. Transcriptome analysis reveals immune pathways underlying resistance in the common carp <i>Cyprinus carpio</i> against the oomycete <i>Aphanomyces invadans</i> . Genomics S0888-7543(20)31987-X. doi: 10.1016/j.ygeno.2020.10.028.	6.205	9.16
42.		Chinmayee Muduli, Gayatri Tripathi, Kurcheti Paniprasad, Kundan Kumar, Rajeev Kumar Singh and Gaurav Rathore, 2020. Virulence potential of <i>Aeromonas hydrophila</i> isolated from apparently healthy freshwater food fish. Biologia. DOI 10.2478/s11756-020-00639-z	0.811	6.73
43.		Abhinit Dey, Hrishikesh Choudhury ¹ , Abhishek Mazumder, Ratul Ch. Bharali, Kuldeep K. Lal, Dandadhar Sarma (2020) Spatial and Temporal Dynamics of Fish Species Assemblage and Distribution in the Kameng River, Northeast India. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. https://doi.org/10.1007/s40011-020-01208-9	-	-
44.		Kuldeep K. Lal, Rishi Tyagi, J K Jena and Simon Wilkinson (2020) A Way Forward for Utilization of Aquatic Genetic Resources in Asia-Pacific: Synthesis from the Deliberations during Regional Workshop on Fish and Marine Genetic Resources and its Amelioration 2019. Aquaculture Asia. 24(4) 14-16	-	-
45.		T.T. Ajith Kumar, R. Charan, Teena Jayakumar, L.K. Tyagi, N Saravanane, Vindhya Mohindra, T. Jaffer Hisham and Kuldeep K. Lal, 2020. Framework of Participatory Linkage for Marine Ornamentals Germplasm Conservation to Livelihood: Is Community Aquaculture an Inclusive Option? Aquaculture Asia 24(4) 3-8	-	-

46.		Gopesh, A., Sarita Tripathi, K.D. Joshi, A.C. Dwivedi, 2020. Size Composition, Exploitation Structure and Sex Ratio of <i>Clupisoma garua</i> (Hamilton) from Middle Stretch of the Ganga River at Allahabad, India. The National Academy Science Letters. 2020, DOI: 10.1007/s40009-020-01011-0	0.390	6.33
47.		Kalpana Srivastava, V. Kumar, A. Alam, D. N. Jha, V. R. Thakur, M. Gupta, J. Kumar, H. Verma, S. K. Mishra, S. K. Verma, S. Srivastav, R. S. Srivastava, K. D. Joshi and B.K. Das, 2020. Impact of the dams on water and plankton quality of the River Ganga (Gangotri to Vindhyachal). World Water Policy, https://doi.org/10.1002/wwp2.12038	-	-
48.		Pradhan, P.K., Paria, A., Rathore, G., and Sood, N. 2020. Impact of Epizootic ulcerative syndrome (EUS) on small-scale fish farmers and its management. Indian Farming 70(11), 18–19.	-	-
49.		Iberahim, N.A., Sood, N., Pradhan, P.K., van den Boom, J., van West, P., Trusch, F. 2020. The chaperone Lhs1 contributes to the virulence of the fish pathogenic oomycete <i>Aphanomyces invadans</i> . Fungal Biology, 124(12), 1024-1031.	2.789	8.70
50.		Rathore Gaurav. Kuldeep K. Lal, Rajesh Bhatia, J. K. Jena (2020) INFAAR – a research platform for accelerating laboratory-based surveillance of antimicrobial resistance in fisheries and aquaculture in India. Current Science, 119 (12), 1884-1885.	0.725	6.76
51.		Akash S., Purushothaman P., Manu Madhavan, Charan Ravi, Jafer Hisham T., Sudhakar M., Ajith Kumar T.T. and Lal K. Kuldeep, 2020. <i>Urocaridella arabianensis</i> n. sp., a new Palaemonid shrimp (Crustacea, Decapoda, Palaemonidae) from Lakshadweep Islands, India with taxonomic comparison on the genus <i>Urocaridella Borradaile</i> , 1915. Zootaxa. 4816(1): 49-66.	1.030	6.99

52.		Teena Jayakumar T. K., A. Kathirvelpandian, K. Kannan, T.T. Ajith Kumar and Kuldeep K. Lal, 2020. First record of <i>Leptojuilis lambdastigma</i> Randall and Ferraris, 1981 (Perciformes: Labridae) from the Andaman Islands, India. Journal of Marine Biological Association of India. 62(1): 90-94.	-	5.28
53.		Divya P.R., Elizabeth Jency P.M., Kathirvelpandian A., Linu Joy, Rajeev Kumar Singh and Basheer V.S., 2020. Population connectivity and genetic structure of Asian green mussel, <i>Perna viridis</i> along Indian waters assessed using mitochondrial markers Molecular Biology Reports. 47: 5061–5072	2.190	8.11
54.		T. Raja Swaminathan, N. Sundar Raj, Arathi Dharmaratnam, Raj Kumar, Pradhan Pravatha Kumar, T.G. Sumithra and Neeraj Sood, 2020. Cyprinid Herpes virus-2 (CyHV-2): a comprehensive review. Reviews in aquaculture. https://doi.org/10.1111/raq.12499 .	7.772	13.19
55.		Arathi Dharmaratnam, Raj Kumar, Basheer Saidmuhammed Valaparambil, Neeraj Sood, Pravata Kumar Pradhan, Sweta Das and T. Raja Swaminathan, 2020. Establishment and characterisation of fantail goldfish fin (FtGF) cell line from goldfish, <i>Carassius auratus</i> for in vitro propagation of Cyprinid herpes virus-2 (CyHV-2). Peer J 8: e937	2.38	8.35
56.		Preena P.G, Arathi Dharmaratnam, V.J. Rejish Kumar and T. Raja Swaminathan, 2020. Plasmid-mediated antimicrobial resistance in motile aeromonads from diseased Nile tilapia (<i>Oreochromis niloticus</i>) Aquaculture research https://doi.org/10.1111/are.14886	1.748	7.50
57.		Preena. P.G, Arathi Dharmaratnam, Sundar Raj N., Arun Kumar T.V, Arun Raja S, Reshma R. Nair and T. Raja Swaminathan, 2020. Antibiotic-resistant Enterobacteriaceae from diseased freshwater goldfish. Archives of Microbiology. https://doi.org/10.1007/s00203-020-02021-8	1.884	7.64

58.		Preena. P.G, Arathi Dharmaratnam, and T. Raja Swaminathan, 2020. Antimicrobial Resistance analysis of Pathogenic Bacteria Isolated from Freshwater Nile Tilapia (<i>Oreochromis niloticus</i>) Cultured in Kerala, India. Current Microbiology. https://doi.org/10.1007/s00284-020-02158-1	1.739	7.60
59.		Ajith Kumar, TT, Santosh Kumar and Kuldeep Kumar Lal, 2020. Length-weight relationship of a newly described catfish <i>Pangasius silasi</i> Dwivedi et al., 2017 from Nagarjuna Sagar Dam, Telengana, India. Indian Journal of Fisheries 67(2) DOI: 10.21077/ijf.2019.67.2.88546-19.	0.38	6.26
60.		Kumar, RG, Charan, R, Krishnaprasoon, NP, Basheer, VS, 2020. Catfishes of the genus <i>Sperata</i> (Pisces:Bagridae) in India. Journal of Fish Biology. 2020; 1– 14. https://doi.org/10.1111/jfb.14590 .	1.497	8.04
61.		Prakash, S, Marudhupandi, T, Balamurugan, J and Ajith Kumar, TT, 2020. Influence of lipid-enriched diets on the reproductive performance of marine ornamental ‘hinge-beak’ shrimp <i>Rhynchocinetes durbanensis</i> (Caridea: Rhynchocinetidae). Aquaculture Research. 00: 1-13. https://doi.org/10.1111/are.14991 .	1.748	7.50
62.		Linu Joy, Sunitha P., Divya P.R., Charan Ravi, Basheer V.S., Rajesh Kumar, Rajeev Kumar Singh, Vindhya Mohindra and Kuldeep Kumar Lal, 2020. Microsatellite marker development in Spanish mackerel <i>Scomberomorus commerson</i> using Third Generation Sequencing Technology. Molecular Biology Reports 00: November (1-10). https://doi.org/10.1007/s11033-020-05975-6 .	2.190	8.11
63.		Ramasamy Harikrishnan, Subramanian Thamizharasan, Gunapathy Devi, Hien Van Doan, Thipramalai Thankappan Ajith Kumar, Seyed Hossein Hoseinifar and Chellam Balasundaram, 2020. Dried lemon peel enriched diet improves antioxidant activity, immune response and modulates immuno-antioxidant genes in <i>Labeo rohita</i> against <i>Aeromonas sorbia</i> . Fish and Shellfish Immunology. 106: 675–684.	3.370	9.30
Submitted and accepted				

64.		<p>Basdeo Kushwaha, Manmohan Pandey, P. Das, C.G. Joshi, N.S. Nagpure, Ravindra Kumar, D. Kumar et al., 2020. The genome of walking catfish <i>Clarias magur</i> (Hamilton, 1822) unveils the genetic basis that may have facilitated the development of environmental and terrestrial adaptation systems in air-breathing catfishes. DNA Research.</p>	5.404	9.71
65.		<p>Murali Sanjeev Kumar, Pankaj Soni, Neha Singh, Ravindra Kumar, Shreya Srivastava, Akhilesh Kumar Mishra, Vijay Kumar Singh, Basdeo Kushwaha (2021). Establishment and characterization of eye muscle cell line from snow trout, <i>Schizothorax richardsonii</i> (Gray, 1832), a vulnerable cold water fish, for in vitro studies. Turkish J. Fisheries Aquat Sci. 21 (2),95-105.</p>	0.869	6.74
66.		<p>Ravindra Kumar, Baisvar VS, Kushwaha B, Pandey M, Singh M (2020). Individual chromosome identification in <i>Clarias magur</i> using BAC-FISH and comparative genes analyses. The Nucleus. DOI: 10.1007/s13237-020-00344-x</p>	0.56	5.38
67.		<p>Neha Singh, Pankaj Soni, Basdeo Kushwaha, Murali Sanjeev Kumar, J K Srivastava, Shreya Srivastava, Akhilesh Kumar Mishra, Ravindra Kumar (2020). Establishment of a testis cell line from <i>Clarias magur</i>. A potential resource for in-vitro applications. The Nucleus. https://doi.org/10.1007/s13237-020-00345-w</p>	0.56	5.38
68.		<p>Murali Sanjeev Kumar, Pankaj Soni, Ravindra Kumar, Neha Singh, Shreya Srivastava, Akhilesh Kumar Mishra, Vijay Kumar Singh, Basdeo Kushwaha (2020). Development of caudal fin cell line from hill trout, <i>Barilius bendelisis</i> (Hamilton, 1807) for cytotoxicity and transfection studies. Croatian Journal of Fisheries (accepted).</p>	1.10	-
69.		<p>Ajey Kumar Pathak, 2020. Intervention of artificial intelligence in agriculture: role, application and status. Indian Journal of Environment Protection. (Accepted).</p>	0.09	-