

List of papers published by NBFGR during 2017-2018

Sl. No.	Journal	Publication	Impact Factor	
			ISI (2017)	NAAS (2018)
1.		A. Alam, K.D. Joshi, D.N. Jha, S.C.S. Das, K. Srivastava, V. Kumar and B.K. Bhattacharjya, 2017. Enhancing fish productivity through pen culture: a case study in Sareni wetland of Uttar Pradesh. <i>Indian Journal of Fisheries</i> , 64 (Special Issue):8-13. DOI:10.21077/	0.24	6.24
2.		Aditya Kumar, Charan Ravi, Thongam Ibemcha Chanu, Sudhanshu Mishra, Uday Kumar and Pratap Chandra Das, Effect of Different Weaning Strategies on Survival and Growth of Endangered Fish Pengba, <i>Osteobrama belangeri</i> , <i>International Journal of Pure and Applied Bioscience</i> DOI:/10.18782/2320-7051.5153.	--	4.74
3.		Agarwal Suyash, Naresh Sahebrao Nagpure, Prachi Srivastava, Ravindra Kumar, Manmohan Pandey, Shreya Srivastava, JK Jena, P Das and Basdeo Kushwaha (2017). <i>In silico</i> mining of conserved miRNAs of Indian catfish <i>Clarias batrachus</i> (Linnaeus, 1758) from the contigs, ESTs and BAC end sequences. <i>Applied Biochemistry and Biotechnology</i> , July, 182(3): 956–966.	1.751	7.75
4.		Arathi Dharmaratnam, Raj Kumar, V. S. Basheer, Neeraj Sood, T. R. Swaminathan and J. K. Jena. 2017. Isolation and characterisation of virulent <i>Serratia marcescens</i> associated with a disease outbreak in farmed ornamental fish, <i>Poecilia reticulata</i> in Kerala, India. <i>Indian Journal of Fisheries</i> , 64(4), 71-79.	0.24	6.24
5.		B.K. Behera, P.K. Pradhan, T.R. Swaminathan, N. Sood, Prasenjit Paria, Abhishek Das, D.K. Verma, R. Kumar, M.K. Yadav, A.K. Dev, P.K. Parida, B.K. Das, K.K. Lal and J.K. Jena (2018). Emergence of Tilapia Lake Virus associated with mortalities of farmed Nile Tilapia <i>Oreochromis niloticus</i> (Linnaeus 1758) in India. <i>Aquaculture</i> 484: 168–174	2.570	8.57
6.		Baisvar VS, Ravindra Kumar, Singh M, Singh AK, Chauhan UK, Nagpure NS and Kushwaha B (2017). Genetic structuring in riverine populations of <i>Channa striata</i> (Bloch,1793) from India using cytochrome oxidase I gene. <i>Proc. Natl. Acad. Sci., India Section B: Biological Sciences</i> . DOI: 10.1007/s40011-017-0943-z.	0.396	4.00



7.		Chaudhary, D. K., N. Sood, D. K. Verma, T. R. Swaminathan, B. Kushwaha, R. Abidi and P. K. Pradhan. 2017. A new epithelial cell line, SSK from kidney of striped snakehead <i>Channa striatus</i> (Bloch 1793). <i>Indian Journal of Fisheries</i> , 64 (Special Issue), 97-102.	0.24	6.24
8.		Das, S.C.S., K.D. Joshi, A. Alam and D.N. Jha, 2017. Some Indigenous Traditional Fishing Methods of Tharu Tribals of Lakhimpur Kheri District, Uttar Pradesh, India, <i>Journal of Scientific Achievements</i> . 2 (6):1-5.	--	--
9.		Divya, B.K, Prabhaker Yadav, Prachi Masih, Rajeev K. Singh, Vindhya Mohindra. 2017 <i>In-silico</i> characterization of Myogenic Factor 6 transcript of Hilsa, <i>Tenualosa ilisha</i> and putative role of its SNPs with differential growth, <i>MetaGene</i> , 13, 140–148.	0.755	--
10.		Dwivedi, Arvind K., Braj Kishor Gupta, Rajeev K. Singh, Vindhya Mohindra, Suresh Chandra, Suresh Easawarn, Joykrushna Jena, Cryptic diversity in the Indian clade of the catfish family Pangasiidae resolved by the description of a new species. <i>Hydrobiologia</i> , 797 (1):351–370.	2.056	8.06
11.		Harsha Haridas, Ajit Kumar Verma, Gaurav Rathore, Chandra Prakash, Paramita Banerjee Sawant, Babitha Rani, Asanaru Majeedkutty (2017). Enhanced growth and immuno-physiological response of Genetically Improved Farmed Tilapia in indoor biofloc units at different stocking densities. <i>Aquaculture Research</i> , Volume 48, 8; pg 4346–4355.	1.461	7.46
12.		Iliyas Rashid, Naresh Sahebrao Nagpure, Prachi Srivastava, Ajey Kumar Pathak, Ravindra Kumar, Vishwamitra Singh Baisvar, Mahender Singh, Basdeo Kushwaha (2017). HRE Finder: A Tool for Quarrying Hypoxia-Response Element in Genomic Sequences. <i>Int. J. Curr. Microbiol. App. Sci</i> 6 (7), 1580-1586.	4.119	5.38
13.		Iliyas Rashid, Naresh Sahebrao Nagpure, Prachi Srivastava, Ravindra Kumar, Ajey Pathak, Mahender Singh, and Basdeo Kushwaha (2017) HRGFish: A database of hypoxia responsive genes in fishes. <i>Scientific Reports</i> 7:42346, DOI: 10.1038/srep423.	4.847	10.26

14.		J.R.Biswal, Rajeev K. Singh, N. Dutta, A. Pathak, K. K. Lal, V. Mohindra, R.S. Sah and J.K. Jena (2017). The complete mitochondrial genome of Olive barb, <i>Systomus sarana sarana</i> (Hamilton, 1822) and its phylogenetic status. <i>Mitochondrial DNA Part B: Resources</i> , 2: 940–942	3.350	9.35
15.		Joshi, K. D., 2017. Environmental flow assessment for Indian rivers: the need for interdisciplinary studies. <i>Current Science</i> , 113 (9): 1652-1653.	0.843	6.84
16.		Joshi, K. D., 2017. How to protect our valuable riverine fish species from multiple stressors? <i>Current Science</i> , 113 (2): 206-207.	0.843	6.84
17.		K U Shyam, K Jeena, K Paniprasad, G Rathore, G Tripathi (2017). Surveillance for infectious myonecrosis virus in Indian shrimp aquaculture. <i>Indian Journal of Fisheries</i> , 64 (2), 69-75	0.24	6.24
18.		Kumar, A., Ravi, C., Chanu, T.I., Mishra, S., Kumar, U., Das, P.C., Effect of Different Weaning Strategies on Survival and Growth of Endangered Fish <i>Pengba, Osteobramabelangeri</i> (Valenciennes, 1844) larvae. <i>Int. J. Pure App. Biosci.</i> 5(5): 951-957 (2017). doi: http://dx.doi.org/10.18782/2320-7051.5153	--	4.74
19.		Kumar,Raj, A. Gopalakrishnan, P. R. Divya, V. S. Basheer, Rajeev K. Singh, Vindhya Mohindra, Kuldeep K. Lal and J. K. Jena (2017) Population genetic structure of <i>Macrobrachium rosenbergii</i> (Palaemonidae) from Indian waters using mitochondrial ATPase 6/8 gene. <i>Mitochondrial DNA Part A DNA Mapping, Sequencing, and Analysis.</i> 28(4): 602-605	3.350	9.35
20.		Lalramliana, L., Vanlalhlimpaia, D., & Singh, M. (2017) <i>Laubuka parafasciata</i> , a new cyprinid fish species (Teleostei: Cyprinidae) from Mizoram, Northeastern India. <i>Zootaxa</i> , 4244(2), 269-276.	0.994	6.97

21.		M. K. Yadav, P. K. Pradhan, N. Sood, D. K. Chaudhary, D. K. Verma, U. K. Chauhan, P. Punia and J. K. Jena (2017). Immunisation of <i>Labeo rohita</i> with antigenic preparation of <i>Aphanomyces invadans</i> . <i>Indian J. Fish.</i> , 64 (Special Issue): 220-223.	0.24	6.24
22.		Maisnam Manorama; Chandra, Suresh; Lal, Kuldeep K; Singh, Rajeev K Mohindra, Vindhya 2017. Characterization of threatened endemic fish <i>Osteobrama belangeri</i> (Valenciennes) and related species from North-East India based on morphological and molecular analysis" <i>Mitochondrial DNA A DNA Mapp Seq Anal</i> , 2:1-14.	3.350	9.35
23.		Manmohan Pandey, Ravindra Kumar, Prachi Srivastava, Suyash Agarwal, Shreya Srivastava, Naresh S Nagpure, Joy K Jena, Basdeo Kushwaha (2017). WGSSAT: A high-throughput computational pipeline for mining and annotation of SSR markers from whole genomes. <i>Journal of Heredity</i> . DOI: 10.1093/jhered/esx075 16.09.2017.	2.432	9.96
24.		Manorama Maisnam, Arti Gupta, Kuldeep K. Lal, Rajeev K. Singh and Vindhya Mohindra, 2017. Genetic divergence in natural and farm populations of Pengba fish, <i>Osteobrama belangeri</i> (Valenciennes, 1844), an endemic fish of North-East India derived from mtDNA ATPase 6/8 gene. <i>Mitochondrial DNA Part B Resources</i> ,2(2): 658-661	3.350	9.35
25.		Mishra, R.K., Verma D. K., Ravindra, Yadav, M.K., Pradhan, P.K., Swaminathan, T.R. and Sood, N. 2017. Bacterial diversity and antibiotic resistance in a wetland of Lakimpur-Kheri, Uttar Pradesh, <i>India Journal of Environmental Biology</i> , 38(1), 55-66.	0.697	6.70
26.		Mohindra, Vindhya , Rajeev Kumar Singh, Ratnesh Kumar Tripathi, Kuldeep Kumar Lal and J. K. Jena (2017) Complete mitogenome of Indian mottled eel, <i>Anguilla bengalensis bengalensis</i> (Gray, 1831) through PacBio RSII sequencing. <i>Mitochondrial DNA</i> : 28 (2), 238-239.	3.350	9.35
27.		Nagpure NS, Rashmi Srivastava, Ravindra Kumar, Anurag Dabas, Basdeo Kushwaha, and Pavan Kumar (2017). Mutagenic, genotoxic, and bioaccumulative potentials of tannery effluents in freshwater fishes of River Ganga. <i>Human and Ecological Risk Assessment: An International Journal</i> , 23(1): 98-111	1.560	7.56

28.		P.R. Divya, Joy Linu, C. Mohitha, A. Kathirvelpandian, P. Manoj, V.S. Basheer, A. Gopalakrishnan, 2017. 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> . DOI.org/10.1007/s12526-017-0817-x	1.646	---
29.		Paria, A., Makesh, M., Chaudhari, A., Purushothaman, C.S., Rajendran, K.V., 2018. Toll-like receptor (TLR) 22, a non-mammalian TLR in Asian seabass, <i>Lates calcarifer</i> . Characterisation, ontogeny and inductive expression upon exposure with bacteria and ligands. <i>Developmental and Comparative Immunology</i> . 81 (2018): 180-186	3.218	9.22
30.		Paria, A., Makesh, M., Chaudhari, A., Purushothaman, C.S., Rajendran, K.V., 2018. Molecular characterisation, ontogeny and expression analysis of melanoma differentiation-associated factor 5 (MDA5) from Asian seabass, <i>Lates calcarifer</i> . <i>Developmental and Comparative Immunology</i> . 78 (2018): 71-82	3.218	9.22
31.		R. Kumar, B.K. Pandey, U.K. Sarkar, N.S. Nagpure, V.S. Baisvar, P. Agnihotri, A. Awasthi, A. Mishra & N. Kumar 2017. Population genetic structure and geographic differentiation in butter catfish, <i>Ompok bimaculatus</i> , from Indian waters inferred by cytochrome b mitochondrial gene. <i>Mitochondrial DNA Part A: DNA Mapp Seq Anal</i> . May, 28 (3): 442-450.	3.350	9.35
32.		Ravindra Kumar, Vishwamitra Singh Baisvar, Basdeo Kushwaha, Gusheinzed Waikhom, Naresh Sahebrao Nagpure (2017). Cytogenetic investigation of <i>Cyprinus carpio</i> (Linnaeus, 1758) using giemsa, silver nitrate, CMA ₃ staining and fluorescence <i>in situ</i> hybridization, <i>The Nucleus</i> 60 (1), 1-8.	0.53	5.38
33.		Sarkar UK, Agnihotri P, Kumar R, Awasthi A, Pandey BK, Mishra A (2017). Dynamics of inter-population reproductive pattern in butter catfish, <i>Ompok bimaculatus</i> (Bloch, 1794) from different rivers in India. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 17: 1061-1071.	0.566	6.48
34.		Sheikh Mustafizur Rahman, Carlos Augusto Strüssmann, Toru Suzuki, Sullip Kumar Majhi, Ricardo Shohei Hattori, Md. Ariful Alam (2017) Effects of ultrasound on permeation of cryoprotectants into Japanese whiting <i>Sillago japonica</i> embryos. <i>Cryobiology</i> , http://dx.doi.org/10.1016/j.cryobiol	1.996	8.00

35.		Shreya Srivastava, Basdeo Kushwaha, Jyoti Prakash, Manmohan Pandey, Suyash Agarwal, Ravindra Kumar, NS Nagpure, Mahender Singh, Paramananda Das, Chaitanya Joshi, Joy Krushna Jena (2017). Identification and characterization of SSRs in <i>Clarias batrachus</i> and their application in population study. <i>Fisberies Science</i> , 83(2) 265-272.	0.839	6.84
36.		Singh, M., Verma, R., Yumnam, R. and Vishwanath, W. (2017). Molecular phylogenetic analysis of genus <i>Osteobrama</i> Heckel, 1843 and discovery of <i>Osteobrama serrata</i> sp. nov. from North East India. <i>Mitochondrial DNA Part A</i> . DOI: 10.1080/24701394.2017.1285289.	3.350	9.35
37.		Sood, N., P. K. Pradhan, D. K. Verma, M. K. Yadav, Ravindra, A K Dev, T. R. Swaminathan, N. K. Sood. 2017. <i>Candidatus Actinochlamydia pangasiae</i> sp. nov. (<i>Chlamydiales, Actinochlamydiaceae</i>), a bacterium associated with epitheliocystis in <i>Pangasianodon hypophthalmus</i> . <i>Journal of Fish Diseases</i> , doi: 10.1111/jfd.12711.	2.138	8.14
38.		Sood, N., T. R. Swaminathan*, M. K. Yadav, P. K. Pradhan, Raj Kumar, N. K. Sood. 2017. First report of cutaneous infiltrative lipoma in goldfish <i>Carassius auratus</i> , <i>Diseases of Aquatic Organism</i> , 125 (3), 243-247.	1.752	7.55
39.		Sullip Kumar Majhi and Santosh Kumar (2017) Generation of Viable Progeny from Dead Brooders of Endangered Catfish <i>Clarias magur</i> (Hamilton, 1822), <i>Heliyon</i> 3: e00434.	0.423	--
40.		Sullip Kumar Majhi and Santosh Kumar (2017) Germ Cell Transplantation: A Potential Tool for Propagation of Endangered Fishes, <i>Annals of Aquaculture and Research</i> , 4(3): 1040.	--	--
41.		Sullip Kumar Majhi, Avinash Rambhau Rasal, Basdeo Kushwaha, Sudhir Raizada (2017) Heat and chemical treatments in adult <i>Cyprinus carpio</i> (Pisces cypriniformes) rapidly produce sterile gonads. <i>Animal Reproduction Science</i> , http://dx.doi.org/10.1016/j .	1.605	7.61

42.		<p>Vinay, T.N., Bhat, S., Choudhury, T.G., Paria, A., Jung, M-H, Kallappa, G.S., Jung, S-J., 2018. Recent advances in application of nanoparticles in fish vaccine delivery, <i>Reviews in Fisheries Science & Aquaculture</i>. 26 (2018): 29-41</p>	2.545	8.55
43.		<p>Vineesh N., P.R. Divya , A Kathirvelpandian, C Mohitha, C.P.R. Shanis, V.S. Basheer & A .Gopalakrishnan, 2017. Four evolutionarily significant units among narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>) in the Indo-West Pacific region, <i>Marine Biodiversity</i> DOI 10.1007/s12526-017-0714-3</p>	1.646	--