

ICAR-CICFR (formerly ICAR-DCFR) Publications- 2017

1.	Akhtar M.S., A. Ciji, D. Sarma, M. Rajesh, B.S. Kamalam, P. Sharma and A.K. Singh (2017). Reproductive dysfunction in females of endangered golden mahseer (<i>Tor putitora</i>) in captivity. <i>Animal Reproduction Science</i> , 182: 95-103. https://doi.org/10.1016/j.anireprosci.2017.05.004
2.	Baruah D. and N.D. Singh (2017) Adopted methodologies for livelihood support through fish farming at high altitudes of Arunachal Pradesh. <i>Journal of Krishi Vigyan</i> , 5: 108-115. DOI: 10.5958/2349-4433.2017.00025.3
3.	Baruah D., S.M. Hussain, A. Dutta and P. Puthra (2017) Bunkai-An Indigenous Fishing Tackle to Catch Mud-dwelling Eels. <i>International Journal of Bioresource Science</i> , 4(2): 69-72. DOI : 10.5958/2454-9541.2017.00011.1
4.	Belwal K. and A. Pande (2017) In silico Analysis of Toll-Like receptor 3 from an Indian coldwater fish, <i>Schizothorax richardsonii</i> (Gray). <i>Indian Journal of Comparative Microbiology, Immunology and Infectious Diseases</i> , 38(2): 98-107. DOI: 10.5958/0974-0147.2017.00016.2
5.	Belwal K. and A. Pande (2017) Molecular cloning, domain analysis and homology modeling of Toll-like Receptor 3 from <i>Barilius bendelisis</i> (Ham.). <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> , 87(3): 945-952. https://doi.org/10.1007/s40011-015-0677-8
6.	Sarma, D., Baruah, D., Sharma, P., Das, P., Das, D.N., Laskarand, B.A. and Singh, A.K. (2017) Ichthyofaunal diversity and ecological characteristics of upland Mehao and Ganga Lakes, Arunachal Pradesh. <i>SKUAST Journal of Research</i> , 19(2): 192-202. http://www.indianjournals.com/ijor.aspx?target=ijor:skuastjr&volume=19&issue=2&article=005
7.	Sarma, D., Baruah, D., Sharma, P., Das, P. and Singh, A.K. (2017) Ecology and ichthyofaunal diversity of Dirang Chu: a key Himalayan snow fed river of Arunachal Pradesh, India. <i>SKUAST Journal of Research</i> , 19(2): 234-239. http://www.indianjournals.com/ijor.aspx?target=ijor:skuastjr&volume=19&issue=2&article=010
8.	Inaotombi S. and P.K. Gupta (2017) Fate of metals in relation to water and sediment properties in a subtropical lake in central Himalaya, India. <i>Archives of Environmental Contamination and Toxicology</i> , 72(3): 391-401. https://doi.org/10.1007/s00244-017-0386-9
9.	Joshi V., M.S. Akhtar, P. Sharma, S. Kushwaha, D. Baruah, A. Ciji, V. Pande and D. Sarma (2017) Himalayan fish manifest higher potential of quality nutrients for human health. <i>Journal of Aquatic Food Product Technology</i> , 26(7): 843-855. https://doi.org/10.1080/10498850.2017.1340916
10.	Joshi V., M.S. Akhtar, P. Sharma, S.S. Kushwaha, D. Baruah, A. Ciji, P. Das, V. Pande and D. Sarma (2017) Protein and amino acid composition of Indian Himalayan snow trout and their dietary significance. <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> , 88: 1471-1476. https://doi.org/10.1007/s40011-017-0889-1
11.	Kamalam B.S., F. Medale and S. Panserat (2017) Utilisation of dietary carbohydrates in farmed fishes: new insights on influencing factors, biological limitations and future strategies. <i>Aquaculture</i> , 467: 3-27. https://doi.org/10.1016/j.aquaculture.2016.02.007
12.	Kamalam B.S., R.S. Patiyl, M. Rajesh, J.I. Mir and A.K. Singh (2017) Prolonged transport of rainbow trout fingerlings in plastic bags: optimization of hauling conditions based on survival and water chemistry. <i>Aquaculture</i> , 480: 103-107. https://doi.org/10.1016/j.aquaculture.2017.08.012
13.	Kumar A., R. Singh and N.N. Pandey (2017) Isolation of pathogenic fungi from the major cultivated coldwater fish species and their environment in the Kumaon region of Uttarakhand. <i>Indian Journal of Animal Research</i> , 51(4): 756-758. http://arccarticles.s3.amazonaws.com/webArticle/Final-attachment-published-B-3104.pdf
14.	Kumar P., K.K. Saxena, B.C. Tyagi, N.N. Pandey, A.K. Saxena, N.A. Ingole and A.K. Singh (2017) Productivity analyses of Sarda Sagar reservoir through geoinformatics. <i>Ecology, Environment and Conservation</i> , 23: S286-S291. http://www.envirobiotechjournals.com/article_abstract.php?aid=8091&iid=233&jid=3
15.	Kumar P., R. Posti, N.A. Ingole, N.N. Pandey, A. Saxena and A.K. Singh (2017) Fishery resource assessment of Indian Himalayan region using geoinformatics. <i>Journal of Environmental Biosciences</i> , 31(1): 131-137. http://www.connectjournals.com/achivestoc.php?bookmark=CJ-033001&volume=31&year=2017&issue_id=01&issue_month=June#
16.	Kumar, P., Pandey, N.N., Patiyl, R.S. and Singh, A.K. (2017) Prospects of low density polyethylene film lined ponds in mid hill aquaculture. <i>Ecology, Environment and Conservation</i> , 23: S288-S292. http://www.envirobiotechjournals.com/article_abstract.php?aid=8092&iid=233&jid=3

17.	Nayak A.K., P. Kumar, A.K. Saxena and M. Kumar (2017) Aquaculture development in Kumaon hills: A spatial decision support system approach. <i>Contemporary Research in India</i> , 7(1): 1-6.
18.	Pandey N.N., M. Gupta, R. Singh, S. Ali, R.S. Haldar, P. Kumar and A.K. Singh (2017) Breeding performance of indigenous carp, <i>Labeo dero</i> in captivity under cold water condition of Uttarakhand, India. <i>Journal of Environmental Biology</i> , 38(5): 771. http://doi.org/10.22438/jeb/38/5/MRN-384
19.	Patiyal R.S. and J.I. Mir (2017) Length–weight relationships of 21 fish species from the upland Ganga River Basin tributaries of Central Indian Himalaya. <i>Journal of Applied Ichthyology</i> , 33(4): 861-863. https://doi.org/10.1111/jai.13386
20.	Prajneshu G.H. and N.N. Pandey (2017) Fitting of von Bertalanffy growth model: Stochastic differential equation approach. <i>Indian Journal of Fisheries</i> , 64(3): 24-28.
21.	Ravindra Chandra S., S.K. Malik and R.S. Patiyl (2017) Evaluation of Pyruspashia leaf extract as a disinfectant for rainbow trout (<i>Oncorhynchus mykiss</i>) fertilised eggs. <i>International Journal of Current Microbiology and Applied Sciences</i> , 6(1): 697-706. http://dx.doi.org/10.20546/ijcmas.2017.601.084
22.	Sarma D., D. Baruah, P. Sharma, P. Das and A.K. Singh (2017) Ecology and ichthyofaunal diversity of Dirang Chu: a key Himalayan snow fed river of Arunachal Pradesh, India. <i>SKUAST Journal of Research</i> , 19(2): 234-239.
23.	Sarma D., D. Baruah, P. Sharma, P. Das, D.N. Das, B.A. Laskar and A.K. Singh (2017) Ichthyofaunal diversity and ecological characteristics of upland Mehao and Ganga lakes, Arunachal Pradesh. <i>SKUAST Journal of Research</i> , 19(2): 192-202.
24.	Shahi N., A.K. Singh, M. Sahoo, S.K. Mallik and D. Thakuria (2017) Molecular cloning, characterization and expression profile of kisspeptin1 and kisspeptin1 receptor at brain-pituitary-gonad (BPG) axis of golden mahseer, <i>Tor putitora</i> (Hamilton, 1822) during gonadal development. <i>Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology</i> , 205: 13-29. https://doi.org/10.1016/j.cbpb.2016.11.010
25.	Sharma N.K., Akhtar M.S., Pandey, N.N., Singh, R. and Singh, A.K. (2017) Sex specific seasonal variation in hematological and serum biochemical indices of <i>Barilius bendelisis</i> from Central Himalaya, India. <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> , 87(4): 1185-1197. https://doi.org/10.1007/s40011-015-0692-9
26.	Singh A.K., Pandey N.N. and Ali S. (2017) Current status and strategies of rainbow trout <i>Oncorhynchus mykiss</i> farming in India. <i>International Journal of Aquaculture</i> , 7(4):23-30. http://ija.biopublisher.ca
27.	Thakuria D., N. Shahi, A.K. Singh, V.C. Khangembam, A.K. Singh and S. Kumar (2017) Conformational analysis of a synthetic fish kisspeptin 1 peptide in membrane mimicking environments. <i>PLoS ONE</i> , 12(10): e0185892. https://doi.org/10.1371/journal.pone.0185892