

# Md Asaduzzaman

## List of Publications by Year in descending order

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36  
papers

827  
citations

516710

16  
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501196

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36  
docs citations

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times ranked

767  
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#	ARTICLE	IF	CITATIONS
1	C/N ratio control and substrate addition for periphyton development jointly enhance freshwater prawn <i>Macrobrachium rosenbergii</i> production in ponds. <i>Aquaculture</i> , 2008, 280, 117-123.	3.5	156
2	Effects of C/N ratio and substrate addition on natural food communities in freshwater prawn monoculture ponds. <i>Aquaculture</i> , 2010, 306, 127-136.	3.5	65
3	Effects of host gut-derived probiotic bacteria on gut morphology, microbiota composition and volatile short chain fatty acids production of Malaysian Mahseer <i>Tor tambroides</i> . <i>Aquaculture Reports</i> , 2018, 9, 53-61.	1.7	60
4	Effects of addition of tilapia <i>Oreochromis niloticus</i> and substrates for periphyton developments on pond ecology and production in C/N-controlled freshwater prawn <i>Macrobrachium rosenbergii</i> farming systems. <i>Aquaculture</i> , 2009, 287, 371-380.	3.5	56
5	Effects of carbohydrate source for maintaining a high C:N ratio and fish driven re-suspension on pond ecology and production in periphyton-based freshwater prawn culture systems. <i>Aquaculture</i> , 2010, 301, 37-46.	3.5	54
6	Dietary supplementation of inosine monophosphate promotes cellular growth of muscle and upregulates growth-related gene expression in Nile tilapia <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2017, 468, 297-306.	3.5	50
7	Effects of stocking density of freshwater prawn <i>Macrobrachium rosenbergii</i> and addition of different levels of tilapia <i>Oreochromis niloticus</i> on production in C/N controlled periphyton based system. <i>Aquaculture</i> , 2009, 286, 72-79.	3.5	48
8	Host gut-derived probiotic bacteria promote hypertrophic muscle progression and upregulate growth-related gene expression of slow-growing Malaysian Mahseer <i>Tor tambroides</i> . <i>Aquaculture Reports</i> , 2018, 9, 37-45.	1.7	40
9	Effect of <i>Lactobacillus acidophilus</i> supplementation on growth performances, digestive enzyme activities and gut histomorphology of striped catfish ( <i>Pangasianodon hypophthalmus</i> ) <a href="#">Tj ETQq1 1 01784314 r8BT /Ove</a>	1.7	37
10	Can canola meal and soybean meal be used as major dietary protein sources for kuruma shrimp, <i>Marsupenaeus japonicus</i> ?. <i>Aquaculture</i> , 2016, 452, 194-199.	3.5	30
11	Population Genomics of an Anadromous Hilsa <i>Shad Tenualosa ilisha</i> Species across Its Diverse Migratory Habitats: Discrimination by Fine-Scale Local Adaptation. <i>Genes</i> , 2020, 11, 46.	2.4	23
12	Regulation of gene expression mediating indeterminate muscle growth in teleosts. <i>Mechanisms of Development</i> , 2015, 137, 53-65.	1.7	20
13	Modulation of growth performance, immunological responses and disease resistance of juvenile Nile tilapia ( <i>Oreochromis niloticus</i> ) (Linnaeus, 1758) by supplementing dietary inosine monophosphate. <i>Aquaculture Reports</i> , 2018, 10, 23-31.	1.7	20
14	The expression of multiple myosin heavy chain genes during skeletal muscle development of torafugu <i>Takifugu rubripes</i> embryos and larvae. <i>Gene</i> , 2013, 515, 144-154.	2.2	18
15	Multiple cis-elements in the 5' flanking region of embryonic/larval fast-type of the myosin heavy chain gene of torafugu, MYHM743-2, function in the transcriptional regulation of its expression. <i>Gene</i> , 2011, 489, 41-54.	2.2	17
16	Tetraplex PCR assay involving double gene-sites discriminates beef and buffalo in Malaysian meat curry and burger products. <i>Food Chemistry</i> , 2017, 224, 97-104.	8.2	16
17	Characterization of Pax3 and Pax7 genes and their expression patterns during different development and growth stages of Japanese pufferfish <i>Takifugu rubripes</i> . <i>Gene</i> , 2016, 575, 21-28.	2.2	14
18	Effects of all-male, mixed-sex and all-female freshwater prawn in polyculture with major carps and molas in the fallow rice fields. <i>Aquaculture Research</i> , 2009, 41, 103-110.	1.8	11

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19	Sodium alginate supplementation modulates gut microbiota, health parameters, growth performance and growth-related gene expression in Malaysian Mahseer <i>Tor tambroides</i> . Aquaculture Nutrition, 2019, 25, 1300-1317.	2.7	10
20	Evaluation of limb autotomy as a promising strategy to improve production performances of mud crab ( <i>Scylla olivacea</i> ) in the soft-shell farming system. Aquaculture Research, 2020, 51, 2555-2572.	1.8	10
21	Biochemical composition and growth performances of Malaysian Mahseer <i>Tor tambroides</i> larvae fed with live and formulated feeds in indoor nursery rearing system. Aquaculture Reports, 2016, 4, 156-163.	1.7	9
22	Cellular muscle growth and molecular cloning and expression of growth-related gene of Malaysian Mahseer <i>Tor tambroides</i> larvae fed with live and formulated feeds in indoor nursery rearing system. Aquaculture Reports, 2017, 5, 1-9.	1.7	9
23	Reproductive Biology and Ecology of the Green Mussel <i>Perna viridis</i> : A Multidisciplinary Approach. Biology, 2019, 8, 88.	2.8	8
24	Stimulatory and inhibitory mechanisms of slow muscle-specific myosin heavy chain gene expression in fish: Transient and transgenic analysis of torafugu MYH promoter in zebrafish embryos. Experimental Cell Research, 2013, 319, 820-837.	2.6	7
25	Multivariate morphometric investigation to delineate species diversity and stock structure of mud crab <i>Scylla</i> sp. along the coastal regions of Bangladesh. Aquaculture and Fisheries, 2021, 6, 84-95.	2.2	7
26	Discovery and functional understanding of MiRNAs in molluscs: a genome-wide profiling approach. RNA Biology, 2021, 18, 1702-1715.	3.1	6
27	Promoter analysis of the fish gene of slow/cardiac-type myosin heavy chain implicated in specification of muscle fiber types. Fish Physiology and Biochemistry, 2018, 44, 679-691.	2.3	5
28	Multiple transcription factors mediating the expressional regulation of myosin heavy chain gene involved in the indeterminate muscle growth of fish. Gene, 2019, 687, 308-318.	2.2	5
29	Skim-Sequencing Based Genotyping Reveals Genetic Divergence of the Wild and Domesticated Population of Black Tiger Shrimp ( <i>Penaeus monodon</i> ) in the Indo-Pacific Region. Biology, 2020, 9, 277.	2.8	5
30	Influence of maternal weight, age, larval feeding and their interactions on the hatchery outcomes of an Indian major carp ( <i>Labeo rohita</i> , Hamilton 1822). Aquaculture Reports, 2021, 19, 100633.	1.7	5
31	Effect of eco-physiological factors on biometric traits of green mussel <i>Perna viridis</i> cultured in the south-east coast of the Bay of Bengal, Bangladesh. Aquaculture Reports, 2021, 19, 100562.	1.7	4
32	Genetic diversity and population structure of wild and domesticated black tiger shrimp ( <i>Penaeus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 markers. Gene Reports, 2021, 23, 101047.	0.8	3
33	The interactive effects of paternal size and offspring feeding strategy on offspring fitness of an Indian major carp <i>Labeo rohita</i> (Hamilton, 1822). Aquaculture Research, 2020, 51, 2421-2431.	1.8	2
34	Dietary supplementation of host-associated lactic acid bacteria modulates growth, metabolic activities, and immune-related gene expression in giant freshwater prawn, <i>Macrobrachium rosenbergii</i> . Journal of the World Aquaculture Society, 2021, 52, 216-230.	2.4	2
35	Annually twice induced spawnings provide multiple benefits: Experimental evidence from an Indian major carp ( <i>Catla catla</i> , Hamilton 1822). Aquaculture Research, 2020, 51, 2275-2290.	1.8	1
36	Evolutionary History and Taxonomic Reappraisal of Coral Reef Rabbitfishes (Siganidae): Patterns of Lineage Diversification and Speciation. Biology, 2021, 10, 1109.	2.8	0