

Shahid Mahboob Rana

List of Publications by Year in descending order

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219
papers

3,539
citations

159358

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h-index

233125

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227
docs citations

227
times ranked

4420
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity of <i>Trewia nudiflora</i> -mediated silver nanoparticles on mosquito larvae and non-target aquatic fauna. <i>Toxin Reviews</i> , 2022, 41, 229-236.	1.5	8
2	In silico prediction of mozenavir as a potential drug for SARS-CoV-2 infection via binding multiple drug targets. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 840-847.	1.8	6
3	Assessment of heavy metals pollution in seawater and sediments in the Arabian Gulf, near Dammam, Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2022, 34, 101677.	1.6	17
4	A study on the curative effect of nobiletin on paraquat induced toxicity in rat. <i>Journal of King Saud University - Science</i> , 2022, 34, 101673.	1.6	2
5	The dietary supplementation of zinc oxide and selenium nanoparticles enhance the immune response in freshwater fish <i>Oreochromis mossambicus</i> against aquatic pathogen <i>Aeromonas hydrophila</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 69, 126878.	1.5	6
6	Isolation, cloning and transgenic expression of hepatitis B surface antigen (HBsAg) in <i>Solanum lycopersicum</i> L. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1559-1564.	1.8	3
7	Tangeretin ameliorates bisphenol induced hepatocyte injury by inhibiting inflammation and oxidative stress. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1375-1379.	1.8	5
8	Changes in the contour of karyology and histoarchitecture of the primary respiratory organ in the fish <i>Oreochromis mossambicus</i> (Peters, 1852) inhabiting the polluted estuarine ecosystem. <i>Environmental Pollution</i> , 2022, 295, 118682.	3.7	0
9	Ecogenotoxicological studies for an early toxicity screening and monitoring in <i>Epinephalus chlorostigma</i> and <i>Scamperomorus commerson</i> . <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2719-2726.	1.8	1
10	In vivo antioxidant efficacy and therapeutic potential of <i>Artemisia brevifolia</i> leaves extract against CCl ₄ -induced reproductive damages in male albino rats. <i>Journal of King Saud University - Science</i> , 2022, 34, 101816.	1.6	5
11	Neurological complications of COVID-19 in children and the associated immunological responses. <i>Journal of King Saud University - Science</i> , 2022, 34, 101884.	1.6	5
12	Elucidation the influence of design variables on coagulation–flocculation mechanisms in the lab-scale bio-coagulation on toxic industrial effluent treatment. <i>Environmental Research</i> , 2022, 212, 113224.	3.7	8
13	Toxicity evaluation of polypropylene microplastic on marine microcrustacean <i>Artemia salina</i> : An analysis of implications and vulnerability. <i>Chemosphere</i> , 2022, 296, 133990.	4.2	39
14	Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications. <i>Environmental Research</i> , 2022, 210, 112979.	3.7	19
15	<i>Azadirachta indica</i> -wrapped copper oxide nanoparticles as a novel functional material in cardiomyocyte cells: An ecotoxicity assessment on the embryonic development of <i>Danio rerio</i> . <i>Environmental Research</i> , 2022, 212, 113153.	3.7	7
16	Fatty acid profile variations after exposure to textile industry effluents in Indian Major Carps. <i>Brazilian Journal of Biology</i> , 2022, 84, e254252.	0.4	2
17	Study of some morphometric and meristic characteristics of <i>Alepes vari</i> (Cuvier, 1833) collected from the Arabian coast. <i>Brazilian Journal of Biology</i> , 2022, 84, e257023.	0.4	0
18	Dietary consumption of polypropylene microplastics alter the biochemical parameters and histological response in freshwater benthic mollusc <i>Pomacea paludosa</i> . <i>Environmental Research</i> , 2022, 212, 113370.	3.7	26

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19	Biomimetically synthesized <i>Physalis minima</i> fruit extract-based zinc oxide nanoparticles as eco-friendly biomaterials for biological applications. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103475.	1.4	4
20	Design and In Vitro Evaluation of Novel Cationic Lipids for siRNA Delivery in Breast Cancer Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	0.5	5
21	Antibacterial, Antibiofilm and Photocatalytic Activities of Biogenic Silver Nanoparticles from <i>Ludwigia octovalvis</i> . <i>Journal of Cluster Science</i> , 2021, 32, 255-264.	1.7	27
22	Novel Biogenic Synthesis of Silver Nanoparticles Using <i>Alstonia venenata</i> Leaf Extract: An Enhanced Mosquito Larvicidal Agent with Negligible Impact on Important Eco-biological Fish and Insects. <i>Journal of Cluster Science</i> , 2021, 32, 489-497.	1.7	8
23	Synthesis and Bio-physical Characterization of Crustin Capped Zinc Oxide Nanoparticles, and Their Photocatalytic, Antibacterial, Antifungal and Antibiofilm Activity. <i>Journal of Cluster Science</i> , 2021, 32, 843-855.	1.7	8
24	Optimization strategies for improved biogas production by recycling of waste through response surface methodology and artificial neural network: Sustainable energy perspective research. <i>Journal of King Saud University - Science</i> , 2021, 33, 101241.	1.6	37
25	Evaluating antibody response pattern in asymptomatic virus infected pregnant females: Human well-being study. <i>Journal of King Saud University - Science</i> , 2021, 33, 101255.	1.6	4
26	Cellulase immobilized magnetic nanoparticles for green energy production from <i>Allamanda schottii</i> L: Sustainability research in waste recycling. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 901-910.	1.8	16
27	Cloning and functional analysis of <i>c/ebp1</i> as negative regulator of <i>dmrt1</i> in Chinese tongue sole (<i>Cynoglossus semilaevis</i>). <i>Gene</i> , 2021, 768, 145321.	1.0	6
28	lncRNA DMRT2-AS acts as a transcriptional regulator of <i>dmrt2</i> involving in sex differentiation in the Chinese tongue sole (<i>Cynoglossus semilaevis</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 253, 110542.	0.7	13
29	An assessment of level of heavy metals pollution in the water, sediment and aquatic organisms: A perspective of tackling environmental threats for food security. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1218-1225.	1.8	75
30	New artiodactyla fossils from Middle Miocene deposits of Chakwal, Punjab, Pakistan. <i>Geological Journal</i> , 2021, 56, 1109-1129.	0.6	3
31	Risk assessment of malathion on health indicators of catfish: Food and water security prospective research. <i>Journal of King Saud University - Science</i> , 2021, 33, 101294.	1.6	2
32	In-silico network-based analysis of drugs used against COVID-19: Human well-being study. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2029-2039.	1.8	2
33	A review on biological carbon sequestration: A sustainable solution for a cleaner air environment, less pollution and lower health risks. <i>Journal of King Saud University - Science</i> , 2021, 33, 101282.	1.6	37
34	Green synthesis of ZnO nanoparticles for antimicrobial and vegetative growth applications: A novel approach for advancing efficient high quality health care to human wellbeing. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1808-1815.	1.8	64
35	Facile synthesis of gold and platinum doped titanium oxide nanoparticles for antibacterial and photocatalytic activity: A photodynamic approach. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102148.	1.3	12
36	A review on microbial degradation of drinks and infectious diseases: A perspective of human well-being and capabilities. <i>Journal of King Saud University - Science</i> , 2021, 33, 101293.	1.6	10

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37	Reproductive success in <i>Zygogramma bicolorata</i> : A role of post-insemination association of male and female. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1539-1543.	1.8	4
38	A study on risk assessment of effect of hematoxylin dye on cytotoxicity and nephrotoxicity in freshwater fish: Food and water security prospective research. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2267-2271.	1.8	7
39	Microbial degradation of plastics: Sustainable approach to tackling environmental threats facing big cities of the future. <i>Journal of King Saud University - Science</i> , 2021, 33, 101362.	1.6	38
40	Growth performance, intestinal histomorphology, gut microflora and ghrelin gene expression analysis of broiler by supplementing natural growth promoters: A nutrigenomics approach. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3438-3447.	1.8	11
41	Comparative assessment of heavy metal bioaccumulation in skeletal muscles of softshell and hard-shell freshwater turtles. <i>Journal of King Saud University - Science</i> , 2021, 33, 101463.	1.6	2
42	Role of shrimp farming in socio-economic elevation and professional satisfaction in coastal communities. <i>Aquaculture Reports</i> , 2021, 20, 100708.	0.7	11
43	Histopathological alterations in gills, liver, kidney and muscles of <i>Ictalurus punctatus</i> collected from pollutes areas of River. <i>Brazilian Journal of Biology</i> , 2021, 81, 814-821.	0.4	12
44	Seasonal monitoring of River through heavy metal bioaccumulation and histopathological alterations in selected fish organs. <i>Journal of King Saud University - Science</i> , 2021, 33, 101626.	1.6	3
45	Factors determine the population characteristics of migratory shorebirds and their prey species in the coastal salt pans. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 260, 107490.	0.9	4
46	Protective effects of vitexin on cadmium-induced renal toxicity in rats. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5860-5864.	1.8	11
47	Linking fish and crustacean taxonomic composition with seasonal contrasts in the soft-bottom intertidal zone. <i>Brazilian Journal of Biology</i> , 2021, 81, 1036-1049.	0.4	0
48	Seasonal analysis of food items and feeding habits of endangered riverine catfish <i>Rita rita</i> (Hamilton,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.4	3
49	Vitexin attenuates cisplatin-induced renal toxicity by reducing oxidative stress and inflammation. <i>Journal of King Saud University - Science</i> , 2021, 33, 101657.	1.6	6
50	Assessment of cyto-nephrotoxicity and growth performance in <i>Labeo rohita</i> induced by fluorescein dye Y and B. <i>Journal of King Saud University - Science</i> , 2021, 33, 101672.	1.6	3
51	Mitigation of cisplatin induced nephrotoxicity by casticin in male albino rats. <i>Brazilian Journal of Biology</i> , 2021, 83, e243438.	0.4	4
52	Assessment of DNA integrity through MN bioassay of erythrocytes and histopathological changes in <i>Wallago attu</i> and <i>Cirrhinus mirigala</i> in response to freshwater pollution. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 251-260.	1.8	7
53	Isolation, identification and molecular characterization of Newcastle disease virus using SDS-PAGE. <i>Journal of King Saud University - Science</i> , 2020, 32, 1000-1003.	1.6	2
54	Analysis of bioactive composites and antiviral activity of <i>Iresine herbstii</i> extracts against Newcastle disease virus in ovo. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 335-340.	1.8	16

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55	A54T polymorphism in fatty acid binding protein 2 gene is associated in Type 2 Diabetes Mellitus in adult subjects. <i>Journal of King Saud University - Science</i> , 2020, 32, 996-999.	1.6	0
56	Benchmark taxonomic classification of chicken gut bacteria based on 16S rRNA gene profiling in correlation with various feeding strategies. <i>Journal of King Saud University - Science</i> , 2020, 32, 1034-1041.	1.6	3
57	Toxicological effects of heavy metals on histological alterations in various organs in Nile tilapia (<i>Oreochromis niloticus</i>) from freshwater reservoir. <i>Journal of King Saud University - Science</i> , 2020, 32, 970-973.	1.6	31
58	C677T genotypes in methyltetrahydrofolate reductase gene in student obesity. <i>Journal of King Saud University - Science</i> , 2020, 32, 920-923.	1.6	2
59	Eco-friendly synthesis of antibacterial zinc nanoparticles using <i>Sesamum indicum</i> L. extract. <i>Journal of King Saud University - Science</i> , 2020, 32, 1116-1122.	1.6	22
60	Growth promoting activity of <i>Penaeus indicus</i> by secondary metabolite producing probiotic bacterium <i>Bacillus subtilis</i> isolated from the shrimp gut. <i>Journal of King Saud University - Science</i> , 2020, 32, 1641-1646.	1.6	15
61	Remedial effects of casticin as an antioxidant on cisplatin induced oxidative damage in rat liver. <i>Journal of King Saud University - Science</i> , 2020, 32, 1100-1105.	1.6	10
62	A novel method to detect bovine sex pheromones using l-tyrosine-capped silver nanoparticles: Special reference to nanosensor based estrus detection. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111747.	1.7	4
63	Update on the genotyping distribution, epidemiology and associated risk factors in inflammatory disorder in adult subjects: A cross-sectional study. <i>Journal of King Saud University - Science</i> , 2020, 32, 1157-1161.	1.6	3
64	Methanolic extract of <i>Nepeta paulsenii</i> as an ameliorative agent against CCl ₄ induced testicular damage in male albino rats. <i>Journal of King Saud University - Science</i> , 2020, 32, 1168-1174.	1.6	13
65	Determination of toxic effects of lead acetate on different sizes of zebra fish (<i>Danio rerio</i>) in soft and hard water. <i>Journal of King Saud University - Science</i> , 2020, 32, 1390-1394.	1.6	16
66	Molecular identification of herbal species belonging to genus <i>Piper</i> within family Piperaceae from northern Peninsular Malaysia. <i>Journal of King Saud University - Science</i> , 2020, 32, 1417-1426.	1.6	14
67	Evaluation of the andrographolides role and its indoleamine 2,3-dioxygenase inhibitory potential and attendant molecular mechanism against STZ-induced diabetic rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 713-719.	1.8	9
68	Investigating the antiangiogenic potential of <i>Rumex vesicarius</i> (humeidh), anticancer activity in cancer cell lines and assessment of developmental toxicity in zebrafish embryos. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 611-622.	1.8	11
69	Sub-lethal effect of synthetic pyrethroid pesticide on metabolic enzymes and protein profile of non-target Zebra fish, <i>Danio rerio</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 441-447.	1.8	29
70	Reassessment of species distribution and occurrence of mud crab (<i>Scylla</i> spp., <i>Portunidae</i>) in Malaysia through morphological and molecular identification. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 643-652.	1.8	6
71	Design and development of porous terracotta disc: An eco-friendly novel control agent for mosquito larvae. <i>Experimental Parasitology</i> , 2020, 218, 107988.	0.5	2
72	A study on the potential reprotoxic effects of thimerosal in male albino rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2798-2802.	1.8	0

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73	Methanol extract of <i>Artemisia brevifolia</i> as a curative agent against CCl ₄ induced nephrotoxicity in albino rats. <i>Journal of King Saud University - Science</i> , 2020, 32, 3072-3078.	1.6	2
74	Biogenic synthesis of aromatic cardamom-wrapped zinc oxide nanoparticles and their potential antibacterial and mosquito larvicidal activity: An effective eco-friendly approach. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104466.	3.3	30
75	Photocatalytic, antiproliferative and antimicrobial properties of copper nanoparticles synthesized using <i>Manilkara zapota</i> leaf extract: A photodynamic approach. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102058.	1.3	32
76	A novel approach to assess the heavy metal content in the feathers of shorebirds: A perspective of environmental research. <i>Journal of King Saud University - Science</i> , 2020, 32, 3065-3071.	1.6	18
77	Population structure and genetic diversity of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Penang as revealed by mitochondrial DNA cytochrome oxidase I. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 953-967.	1.8	29
78	Ecotoxicity of neonicotinoids and diamides on population growth performance of <i>Zygogramma bicolorata</i> (Coleoptera: Chrysomelidae). <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110998.	2.9	4
79	Facile synthesis and biophysical characterization of egg albumen-wrapped zinc oxide nanoparticles: A potential drug delivery vehicles for anticancer therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102015.	1.4	18
80	Early response to heat stress in Chinese tongue sole (<i>Cynoglossus semilaevis</i>): performance of different sexes, candidate genes and networks. <i>BMC Genomics</i> , 2020, 21, 745.	1.2	7
81	Combined effect of probiotics on prolonging the shelf life of GIFT tilapia fillets. <i>Aquaculture Research</i> , 2020, 51, 5151-5162.	0.9	1
82	A Chromosome-Level Genome Assembly of the Anglerfish <i>Lophius litulon</i> . <i>Frontiers in Genetics</i> , 2020, 11, 581161.	1.1	2
83	Down-regulation of hepatic G-6-Pase expression in hyperglycemic rats: Intervention with biogenic gold nanoconjugate. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3334-3341.	1.8	4
84	Entomofaunal survey and larvicidal activity of greener silver nanoparticles: A perspective for novel eco-friendly mosquito control. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2917-2928.	1.8	12
85	Effect of supplemental selenium in fish feed boosts growth and gut enzyme activity in juvenile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of King Saud University - Science</i> , 2020, 32, 2610-2616.	1.6	23
86	Disentangling the interplay of positive and negative selection forces that shaped mitochondrial genomes of <i>Gammarus pisinnus</i> and <i>Gammarus lacustris</i> . <i>Royal Society Open Science</i> , 2020, 7, 190669.	1.1	7
87	Enhanced modulation of gut microbial dynamics affecting body weight in birds triggered by natural growth promoters administered in conventional feed. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2747-2755.	1.8	17
88	Evaluation of larvicidal efficacy of <i>Ricinus communis</i> (Castor) and synthesized green silver nanoparticles against <i>Aedes aegypti</i> L.. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2403-2409.	1.8	19
89	Fluorine doped calcium deficient hydroxyapatite nanorod bundles as theranostic nanoplatfoms. <i>Materials Letters</i> , 2020, 264, 127297.	1.3	2
90	Does <i>Zygogramma bicolorata</i> Pallister really affects the growth, density and reproductive performance of <i>Parthenium hysterophorus</i> L?. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1871-1878.	1.8	3

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91	The antibacterial, antibiofilm, antifogging and mosquitocidal activities of titanium dioxide (TiO ₂) nanoparticles green-synthesized using multiple plants extracts. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104521.	3.3	42
92	Effect of replacing fish meal by full fat soybean meal on growth performance, feed utilization and gastrointestinal enzymes in diets for African catfish <i>Clarias gariepinus</i> . <i>Brazilian Journal of Biology</i> , 2020, 80, 535-543.	0.4	12
93	Probing of heavy metals in the feathers of shorebirds of Central Asian Flyway wintering grounds. <i>Scientific Reports</i> , 2020, 10, 22118.	1.6	13
94	Assessment of heavy metals and its impact on DNA fragmentation in different fish species. <i>Brazilian Journal of Biology</i> , 2020, 80, 823-828.	0.4	6
95	Androgenetic haploid Japanese pufferfish (<i>Takifugu rubripes</i>) induced by cold shock. <i>Aquaculture Research</i> , 2019, 50, 3802-3811.	0.9	5
96	Changes in DNA methylation during epigenetic-associated sex reversal under low temperature in <i>Takifugu rubripes</i> . <i>PLoS ONE</i> , 2019, 14, e0221641.	1.1	34
97	Seasonal dynamics of zooplankton functional group and its relationship with physico-chemical variables in high turbid nutrient-rich Small Xingkai Wetland Lake, Northeast China. <i>Journal of Freshwater Ecology</i> , 2019, 34, 65-79.	0.5	21
98	Mitochondrial Architecture Rearrangements Produce Asymmetrical Nonadaptive Mutational Pressures That Subvert the Phylogenetic Reconstruction in Isopoda. <i>Genome Biology and Evolution</i> , 2019, 11, 1797-1812.	1.1	31
99	Impact of Water Pollution on Trophic Transfer of Fatty Acids in Fish, Microalgae, and Zoobenthos in the Food Web of a Freshwater Ecosystem. <i>Biomolecules</i> , 2019, 9, 231.	1.8	15
100	Accumulation and histological transformation in the gills, liver, muscles, and skin in <i>Oreochromis niloticus</i> induced by mercury. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2019, 43, 276-284.	0.2	7
101	Spatial and temporal variation of phytoplankton functional groups in extremely alkaline Dali Nur Lake, North China. <i>Journal of Freshwater Ecology</i> , 2019, 34, 91-105.	0.5	11
102	Seasonal succession and spatial distribution of bacterial community structure in a eutrophic freshwater Lake, Lake Taihu. <i>Science of the Total Environment</i> , 2019, 669, 29-40.	3.9	103
103	Environmentally induced nephrotoxicity and histopathological alternations in <i>Wallago attu</i> and <i>Cirrhinus mrigla</i> . <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 752-757.	1.8	10
104	Cobalt Sulfide Confined in N-Doped Porous Branched Carbon Nanotubes for Lithium-Ion Batteries. <i>Nano-Micro Letters</i> , 2019, 11, 29.	14.4	33
105	A Molecular Docking Approach to Evaluate the Pharmacological Properties of Natural and Synthetic Treatment Candidates for Use against Hypertension. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 923.	1.2	86
106	Genetic diversity in tilapia populations in a freshwater reservoir assayed by randomly amplified polymorphic DNA markers. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 363-367.	1.8	7
107	Influence of habitat degradation on the fatty acid profiles of fish, microalgae, and zoobenthos in a river ecosystem. <i>Chemical Engineering Research and Design</i> , 2019, 123, 24-32.	2.7	14
108	Study on assessment of proximate composition and meat quality of fresh and stored <i>Clarias gariepinus</i> and <i>Cyprinus carpio</i> . <i>Brazilian Journal of Biology</i> , 2019, 79, 651-658.	0.4	4

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109	Synthesis, characterization, and antibacterial potential of silver nanoparticles synthesized from <i>Coriandrum sativum</i> L.. <i>Journal of Infection and Public Health</i> , 2019, 12, 275-281.	1.9	50
110	Phylogenetic analysis of Infectious Bursal Disease viruses according to newly proposed model of classification into geno-groups. <i>Journal of Infection and Public Health</i> , 2019, 12, 410-418.	1.9	11
111	The effect of replacement of fish meal with Amino Acids and Optimized Protein Levels in the diet of the Nile Tilapia <i>Oreochromis niloticus</i> . <i>Brazilian Journal of Biology</i> , 2019, 79, 703-711.	0.4	5
112	Environmental Exposure to Metals and Bioaccumulation in the Liver of Three Freshwater Species of Turtles from Two Different Rivers. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 3299-3306.	0.6	4
113	Evaluation of Yeast Fermented Poultry By-Product Meal in Nile Tilapia (<i>Oreochromis niloticus</i>) Feed: Effects on Growth Performance, Digestive Enzymes Activity, Innate Immunity, and Antioxidant Capacity. <i>Frontiers in Veterinary Science</i> , 2019, 6, 516.	0.9	40
114	The Effect of Profenofos on the Nutritive Composition of Major Carp for Estimating Maximum Allowable Toxicant Concentration of the Pesticide. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 1127-1133.	0.6	3
115	Study on impact of habitat degradation on proximate composition and amino acid profile of Indian major carps from different habitats. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 755-759.	1.8	19
116	Use of statistical analysis to validate ecogenotoxicology findings arising from various comet assay components. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9730-9736.	2.7	1
117	Fish eco-genotoxicology: Comet and micronucleus assay in fish erythrocytes as in situ biomarker of freshwater pollution. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 393-398.	1.8	48
118	Status updates of Newcastle disease and amelioration effects of medicinal plants against Newcastle disease virus: A review. <i>Acta Virologica</i> , 2018, 62, 3-15.	0.3	5
119	Chromosome-level genome assembly of the spotted sea bass, <i>Lateolabrax maculatus</i> . <i>GigaScience</i> , 2018, 7, .	3.3	39
120	The complete mitochondrial genome of <i>Cymothoa indica</i> has a highly rearranged gene order and clusters at the very base of the Isopoda clade. <i>PLoS ONE</i> , 2018, 13, e0203089.	1.1	14
121	Forensic STR profiling based smart barcode, a highly efficient and cost effective human identification system. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1720-1723.	1.8	0
122	Pollutant fate and spatio-temporal variation and degree of sedimentation of industrial- and municipal wastes in Chakbandi drain and River Chenab. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1326-1331.	1.8	1
123	DNA-Mediated Nanoscale Metal-Organic Frameworks for Ultrasensitive Photoelectrochemical Enzyme-Free Immunoassay. <i>Analytical Chemistry</i> , 2018, 90, 12284-12291.	3.2	78
124	Potential of natural repellents methylantranilate and anthraquinone applied on maize seeds and seedlings against house sparrow (<i>Passer domesticus</i>) in captivity. <i>Brazilian Journal of Biology</i> , 2018, 78, 667-672.	0.4	5
125	Impact of replacing fish meal by a mixture of different plant protein sources on the growth performance in Nile Tilapia (<i>Oreochromis niloticus</i> L.) diets. <i>Brazilian Journal of Biology</i> , 2018, 78, 525-534.	0.4	27
126	Omics Technologies for Microalgae-based Fuels and Chemicals: Challenges and Opportunities. <i>Protein and Peptide Letters</i> , 2018, 25, 99-107.	0.4	9

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127	Engineering Ligninolytic Consortium for Bioconversion of Lignocelluloses to Ethanol and Chemicals. <i>Protein and Peptide Letters</i> , 2018, 25, 108-119.	0.4	33
128	Dual Role of Multicopper Oxidase of <i>Klebsiella pneumoniae</i> as a Copper Homeostatic Element and a Novel Alkaline Laccase with Potential Application in Green Chemistry. <i>Pakistan Journal of Zoology</i> , 2018, 51, .	0.1	1
129	Growth Characteristics, Metal Uptake and Expression Analysis of Copper Metallothionein in a Newly Reported Ciliate, <i>Tetrahymena farahensis</i> . <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.1	6
130	Effect of pollution on DNA damage and essential fatty acid profile in <i>Cirrhinus mrigala</i> from River Chenab. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 572-579.	0.7	5
131	Ethanol Extract of <i>Cissus quadrangularis</i> Enhances Osteoblast Differentiation and Mineralization of Murine Pre-Osteoblastic MC3T3-E1 Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 540-547.	2.0	25
132	Microelectrophoretic study of environmentally induced DNA damage in fish and its use for early toxicity screening of freshwater bodies. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 115.	1.3	7
133	Locus Mapping, Molecular Cloning, and Expression Analysis of <i>rps6kb2</i> , a Novel Metamorphosis-Related Gene in Chinese Tongue Sole (<i>Cynoglossus semilaevis</i>). <i>Marine Biotechnology</i> , 2017, 19, 497-516.	1.1	5
134	Mapping quantitative trait loci and identifying candidate genes affecting feed conversion ratio based onto two linkage maps in common carp (<i>Cyprinus carpio</i> L). <i>Aquaculture</i> , 2017, 468, 585-596.	1.7	12
135	Fish scales as a non-lethal tool of the toxicity of wastewater from the River Chenab. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2464-2475.	2.7	15
136	Electrochemical sensing platform based on molecularly imprinted polymer decorated N,S co-doped activated graphene for ultrasensitive and selective determination of cyclophosphamide. <i>Talanta</i> , 2017, 164, 601-607.	2.9	59
137	Functionalized Polyethyleneimine-gold Nanoparticles-Porphyrin Nanocomposite for Electrochemical Glucose Biosensing. <i>International Journal of Electrochemical Science</i> , 2017, , 5092-5103.	0.5	10
138	Epidemiological estimates of Respiratory diseases in the hospital population, Faisalabad, Pakistan.. <i>Brazilian Archives of Biology and Technology</i> , 2017, 60, .	0.5	6
139	Effects of Replacement of Fishmeal with other Alternative Plant Sources in the Feed on Proximate Composition of Muscle, Liver and Ovary in Tilapia (<i>Oreochromis niloticus</i>). <i>Brazilian Archives of Biology and Technology</i> , 2017, 60, .	0.5	2
140	Genetic Variability in <i>Labeo rohita</i> , <i>Catla catla</i> and their Hybrid (<i>Labeo rohita</i> × <i>Catla catla</i>) Populations Employing Randomly Amplified Polymorphic (RAPD)-Inter Simple Sequence Repeat (ISSR) Assays. <i>International Journal of Agriculture and Biology</i> , 2017, 19, 643-648.	0.2	3
141	Distribution and Accumulation of Polychlorinated Biphenyls (PCB), Polycyclic Aromatic Hydrocarbons (PAHs) and Organo-chlorine Residues in the Muscle Tissue of <i>Labeo rohita</i> . <i>International Journal of Agriculture and Biology</i> , 2017, 19, 701-706.	0.2	2
142	Complete mitochondrial genome of yellowfin goby (<i>Acanthogobius hasta</i>). <i>Mitochondrial DNA</i> , 2016, 27, 1231-1232.	0.6	1
143	The complete mitochondrial genome of Russian sturgeon (<i>Acipenser gueldenstaedti</i>). <i>Mitochondrial DNA</i> , 2016, 27, 986-987.	0.6	2
144	A cytogenetic monitoring approach of hospital workers occupationally exposed to ionizing radiations using micronucleus assay. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 185.	0.3	3

#	ARTICLE	IF	CITATIONS
145	Heavy Metals in Garra gotyla , Cyprinus carpio and Cyprinion watsoni from the River Panjkora, District, Lower Dir, Khyber Pakhtunkhwa, Pakistan. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	2
146	A study on chronic effect of profenofos on acetylcholinesterase and butyrylcholinesterase activities and protein contents in various tissues in major carps. Tropical Journal of Obstetrics and Gynaecology, 2016, 13, 54.	0.3	0
147	Isolation, Identification and Molecular Characterization of Highly Pathogenic Newcastle Disease Virus From Field Outbreaks. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	3
148	Effect of Heavy Metals on Liver, Kidney, Gills and Muscles of Cyprinus carpio and Wallago attu inhabited in the Indus. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	21
149	Molecular Characterization of a Copper Metallothionein Gene From a Ciliate <i>Tetrahymena farahensis</i>. Journal of Cellular Biochemistry, 2016, 117, 1843-1854.	1.2	7
150	A Crosstalk Between <i>K ras</i> (Kirsten Rat Sarcoma Viral Oncogene Homologue) and Adherence Molecular Complex Leads to Disassociation of Cellsâ€™A Possible Contribution Towards Metastasis in Colorectal Cancer. Journal of Cellular Biochemistry, 2016, 117, 2340-2345.	1.2	1
151	An Easily Fabricated Electrochemical Sensor Based on a Graphene-Modified Glassy Carbon Electrode for Determination of Octopamine and Tyramine. Sensors, 2016, 16, 535.	2.1	28
152	Variation in genotoxic susceptibility and biomarker responses in Cirrhinus mrigala and Catla catla from different ecological niches of the Chenab River. Environmental Science and Pollution Research, 2016, 23, 14589-14599.	2.7	13
153	A novel sensitive and selective electrochemical sensor based on molecularly imprinted polymer on a nanoporous gold leaf modified electrode for warfarin sodium determination. RSC Advances, 2016, 6, 43724-43731.	1.7	33
154	The genetic map of goldfish (Carassius auratus) provided insights to the divergent genome evolutions in the Cyprinidae family. Scientific Reports, 2016, 6, 34849.	1.6	25
155	Ultrasensitive and Multiple Disease-Related MicroRNA Detection Based on Tetrahedral DNA Nanostructures and Duplex-Specific Nuclease-Assisted Signal Amplification. ACS Applied Materials & Interfaces, 2016, 8, 33499-33505.	4.0	54
156	First report on fish cysteine as a biomarker of contamination in the River Chenab, Pakistan. Environmental Science and Pollution Research, 2016, 23, 15495-15503.	2.7	7
157	Electrochemical hydrogen sulfide biosensors. Analyst, The, 2016, 141, 1185-1195.	1.7	143
158	Genome-wide identification, phylogeny, and expression of fibroblast growth genes in common carp. Gene, 2016, 578, 225-231.	1.0	20
159	Complete mitochondrial genome of the Triplophysa bombifrons and Triplophysa strauchii. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4710-4711.	0.7	2
160	Intraspecific mitochondrial variations between Rhinogobio typus from the Yellow River and Yangtze River. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3536-3537.	0.7	2
161	Effects of a low-radiotoxicity uranium salt (uranyl acetate) on biochemical and hematological parameters of the catfish, Clarias gariepinus. Chinese Journal of Oceanology and Limnology, 2016, 34, 109-117.	0.7	6
162	The complete mitochondrial genome of Rasbora borapetensis(Cypriniformes: Cyprinidae: Rasbora). Mitochondrial DNA, 2016, 27, 861-862.	0.6	5

#	ARTICLE	IF	CITATIONS
163	The complete mitochondrial genome of <i>Channa marulius</i> (Perciformes: Channidae: Channa). Mitochondrial DNA, 2016, 27, 1148-1149.	0.6	0
164	The complete mitochondrial genome of <i>Microdevario kubotai</i> (Cypriniformes: Cyprinidae: Danioninae: Microdevario). Mitochondrial DNA, 2016, 27, 1150-1151.	0.6	1
165	Construction of the BAC Library of Small Abalone (<i>Haliotis diversicolor</i>) for Gene Screening and Genome Characterization. Marine Biotechnology, 2016, 18, 49-56.	1.1	13
166	Complete mitochondrial genomes of two ornamental fishes. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2531-2532.	0.7	1
167	Monitoring of trace metals in tissues of <i>Wallago attu</i> (lanchi) from the Indus River as an indicator of environmental pollution. Saudi Journal of Biological Sciences, 2016, 23, 72-78.	1.8	31
168	Genome-Wide Identification, Characterization and Phylogenetic Analysis of ATP-Binding Cassette (ABC) Transporter Genes in Common Carp (<i>Cyprinus carpio</i>). PLoS ONE, 2016, 11, e0153246.	1.1	12
169	Genome Wide Identification, Phylogeny, and Expression of Aquaporin Genes in Common Carp (<i>Cyprinus</i>) Tj ETQq1 1.0.784314 rgBT / Ov	1.1	27
170	Contamination of Red Sea Shrimp (<i>Palaemon serratus</i>) with Polycyclic Aromatic Hydrocarbons: a Health Risk Assessment Study. Polish Journal of Environmental Studies, 2016, 25, 615-620.	0.6	19
171	Transcriptional Profiling Reveals Differential Gene Expression of Amur Ide (<i>Leuciscus waleckii</i>) during Spawning Migration. International Journal of Molecular Sciences, 2015, 16, 13959-13972.	1.8	13
172	Gene Expression Variations of Redâ€™White Skin Coloration in Common Carp (<i>Cyprinus carpio</i>). International Journal of Molecular Sciences, 2015, 16, 21310-21329.	1.8	36
173	Phylogenetic and Evolutionary Analyses of the Frizzled Gene Family in Common Carp (<i>Cyprinus carpio</i>) Provide Insights into Gene Expansion from Whole-Genome Duplications. PLoS ONE, 2015, 10, e0144037.	1.1	12
174	Habitat induced mutational effects and fatty acid profile changes in bottom dweller <i>Cirrhinus mrigala</i> inhabitant of river Chenab. Grasas Y Aceites, 2015, 66, e075.	0.3	3
175	Health risks associated with pesticide residues in water, sediments and the muscle tissues of <i>Catla catla</i> at Head Balloki on the River Ravi. Environmental Monitoring and Assessment, 2015, 187, 81.	1.3	58
176	<i>Sphingomonas</i> sp. is a Novel Cell Culture Contaminant. Journal of Cellular Biochemistry, 2015, 116, 934-942.	1.2	1
177	Screening of SSR markers associated with scale cover pattern and mapped to a genetic linkage map of common carp (<i>Cyprinus carpio</i> L.). Journal of Applied Genetics, 2015, 56, 261-269.	1.0	2
178	Isolation and characterization of twenty polymorphic microsatellites for <i>Hemibarbus labeo</i> (Cyprinidae). Conservation Genetics Resources, 2015, 7, 89-92.	0.4	1
179	Isolation and characterization of collagen from fish waste material- skin, scales and fins of <i>Catla catla</i> and <i>Cirrhinus mrigala</i> . Journal of Food Science and Technology, 2015, 52, 4296-4305.	1.4	105
180	Assessment of Pesticide Residues in Flesh of <i>Catla catla</i> from Ravi River, Pakistan. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	11

#	ARTICLE	IF	CITATIONS
181	Mapping QTLs for Swimming Ability Related Traits in <i>Cyprinus carpio</i> L. <i>Marine Biotechnology</i> , 2014, 16, 629-637.	1.1	12
182	Determination of pesticide residues in muscle of <i>Cyprinus carpio</i> from River Ravi. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 799-807.	0.6	3
183	Gonadal transcriptomic analysis of yellow catfish (<i>Pelteobagrus fulvidraco</i>): identification of sex-related genes and genetic markers. <i>Physiological Genomics</i> , 2014, 46, 798-807.	1.0	46
184	Pesticides in the River Ravi and its Tributaries Between its Stretches from Shahdara to Balloki Headworks, Punjabâ€Pakistan. <i>Water Environment Research</i> , 2014, 86, 13-19.	1.3	14
185	A study on the accumulation of nine heavy metals in some important fish species from a natural reservoir in Riyadh, Saudi Arabia. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 783-798.	0.6	19
186	Biomarkers of oxidative stress as indicators of water pollution in Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 <i>Chemistry</i> , 2014, 96, 624-632.	0.6	5
187	Acute toxicity I: effect of profenofos and triazophos (organophosphates) and carbofuran and carbaryl (carbamates) to <i>Labeo rohita</i> . <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 466-473.	0.6	12
188	Profenofos-induced effect on esterase activity and protein content in liver, kidney, brain, blood, and muscles in Indian major carp. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 633-640.	0.6	1
189	Fish Cholinesterases as Biomarkers of Sublethal Effects of Organophosphorus and Carbamates in Tissues of <i>Labeo Rohita</i> . <i>Journal of Biochemical and Molecular Toxicology</i> , 2014, 28, 137-142.	1.4	30
190	Variability in Secondary Structure of 18S Ribosomal RNA as Topological Marker for Identification of <i>Paramecium</i> species. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 2077-2088.	1.2	12
191	Carbofuran-induced effects on acetylcholinesterase (AChE) in erythrocytes and liver of <i>Cyprinus carpio</i> . <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 614-623.	0.6	2
192	Tissue Metal Distribution and Risk Assessment for Important Fish Species from Saudi Arabia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 61-66.	1.3	39
193	Comparative Transcriptome Analysis Reveals the Genetic Basis of Skin Color Variation in Common Carp. <i>PLoS ONE</i> , 2014, 9, e108200.	1.1	89
194	Effects of sub-lethal exposure of lead acetate on histopathology of gills, liver, kidney and muscle and its accumulation in these organs of <i>Clarias gariepinus</i> . <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 293-302.	0.5	25
195	RNA-SSPT: RNA Secondary Structure Prediction Tools. <i>Bioinformatics</i> , 2013, 9, 873-878.	0.2	3
196	Phylogenetic Relationship of Cultured and Wild <i>Labeo rohita</i> and <i>Cirrhinus mrigala</i> Based on Muscles Proteins Profile in Different Weight Groups: A New Tool in Phylogenetic Analysis. <i>International Journal of Food Properties</i> , 2012, 15, 949-960.	1.3	0
197	High-density growth and crude protein productivity of a thermotolerant <i>Chlorella vulgaris</i> : production kinetics and thermodynamics. <i>Aquaculture International</i> , 2012, 20, 455-466.	1.1	22
198	Determination of organochlorine and nitrogen containing pesticide residues in <i>Labeo rohita</i> . <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 1851-1855.	0.6	8

#	ARTICLE	IF	CITATIONS
199	Effect of cobalt-supplemented diets on bioaccumulation, digestive enzyme activities and growth of <i>Cyprinus carpio</i> . <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 985-995.	0.6	3
200	Impact of nickel (Ni) on hematological parameters and behavioral changes in <i>Cyprinus carpio</i> (common) Tj ETQq0 0.0 rgBT /Overlock 10	0.3	12
201	Characterization of <i>Pasteurella multocida</i> strains isolated from cattle and buffaloes in Karachi, Pakistan. <i>African Journal of Microbiology Research</i> , 2011, 5, .	0.4	8
202	Gamma radiation induced mutagenesis in <i>Aspergillus niger</i> to enhance its microbial fermentation activity for industrial enzyme production. <i>Molecular Biology Reports</i> , 2011, 38, 1367-1374.	1.0	47
203	Oxidative stress elevated DNA damage and homocysteine level in normal pregnant women in a segment of Pakistani population. <i>Molecular Biology Reports</i> , 2011, 38, 2703-2710.	1.0	19
204	Effect of maturation degree on fatty acid profile of different tissues in wild and farmed rohu (<i>Labeo rohita</i>). <i>Grasas Y Aceites</i> , 2011, 62, 206-212.	0.3	8
205	Toxicity bioassay of lead acetate and effects of its sub-lethal exposure on growth, haematological parameters and reproduction in <i>Clarias gariepinus</i> . <i>African Journal of Biotechnology</i> , 2011, 10, 11039-11047.	0.3	32
206	Rosmarinus officinalis essential oil: antiproliferative, antioxidant and antibacterial activities. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 1070-1078.	0.8	127
207	Quality index of oils extracted from β -irradiated peanuts (<i>Arachis hypogaea</i> L.) of the golden and bari varieties. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2197-2201.	0.7	28
208	Surface characteristics of UV-irradiated chitin-based shape memory polyurethanes. <i>Carbohydrate Polymers</i> , 2010, 80, 229-234.	5.1	21
209	Synthesis of chitin-bentonite clay based polyurethane bio-nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 196-200.	3.6	28
210	Effects of dietary copper exposure on accumulation, growth, and hematological parameters in <i>Cyprinus carpio</i> . <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1865-1878.	0.6	20
211	Cytogenetic damage in female Pakistani agricultural workers exposed to pesticides. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 374-380.	0.9	35
212	A Convenient Synthesis of 6,8-Dimethoxy-3-[(2-(4-methoxyphenyl)ethyl)isocoumarin. <i>Chinese Journal of Chemistry</i> , 2007, 25, 102-104.	2.6	3
213	Synthesis, Spectral and In Vitro Biological Studies of Bis-Triorganogermyl(substituted)propionates of Triarylantimony(V) X-ray Studies of Triphenylgermyl-propyl Propionic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2006, 36, 575-584.	0.6	2
214	Regression Studies of Dry Weight of Planktonic Biomass on Physico-chemical Parameters of Ponds with Special Reference to Fertilization. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 172-175.	2.4	1
215	Relationships among Gonad Weight, Liver Weight and Body Weight of Major, Common and Some Chinese Carps under Composite Culture System with Special Reference to Pond Fertilization. <i>Asian-Australasian Journal of Animal Sciences</i> , 2002, 15, 740-744.	2.4	10
216	Proximate composition of viscera of major, common and some Chinese carps under the effect of different fertilization schemes and feed supplementation in composite culture systems. <i>Asian-Australasian Journal of Animal Sciences</i> , 1998, 11, 196-200.	2.4	1

#	ARTICLE	IF	CITATIONS
217	Biomass conversion efficiencies of fish pond fertilization and feed supplementation. Asian-Australasian Journal of Animal Sciences, 1998, 11, 192-195.	2.4	0
218	A new discovery of a Giraffokeryx skull and associated fossil assemblage of Ruminants from the Middle Miocene deposits of the Siwaliks. Historical Biology, 0, , 1-25.	0.7	2
219	Administration of Vaccine Preservative Thimerosal Produces Impairment in Rat Liver. Brazilian Archives of Biology and Technology, 0, 64, .	0.5	1