

Zulhisyam Abdul Kari

List of Publications by Year in descending order

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53
papers

1,206
citations

404762

18
h-index

425609

31
g-index

55
all docs

55
docs citations

55
times ranked

1726
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Cellulose: Production, Characterization, and Application as Antimicrobial Agent. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12984.	4.2	112
2	Green Synthesis of Gold Nanoparticles Using Plant Extracts as Beneficial Prospect for Cancer Theranostics. <i>Molecules</i> , 2021, 26, 6389.	3.9	98
3	Novel Bioactive Compounds From Marine Sources as a Tool for Functional Food Development. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	96
4	Green Synthesis of Silver Nanoparticles Using <i>Diospyros malabarica</i> Fruit Extract and Assessments of Their Antimicrobial, Anticancer and Catalytic Reduction of 4-Nitrophenol (4-NP). <i>Nanomaterials</i> , 2021, 11, 1999.	4.2	89
5	Selenium Nanoparticles as a Natural Antioxidant and Metabolic Regulator in Aquaculture: A Review. <i>Antioxidants</i> , 2021, 10, 1364.	5.2	81
6	Effect of fish meal substitution with fermented soy pulp on growth performance, digestive enzyme, amino acid profile, and immune-related gene expression of African catfish (<i>Clarias gariepinus</i>). <i>Aquaculture</i> , 2022, 546, 737418.	3.5	75
7	Exploring the Roles of Dietary Herbal Essential Oils in Aquaculture: A Review. <i>Animals</i> , 2022, 12, 823.	2.3	51
8	Recent advances in the utilization of insects as an ingredient in aquafeeds: A review. <i>Animal Nutrition</i> , 2022, 11, 334-349.	5.3	46
9	The possibility of replacing fish meal with fermented soy pulp on the growth performance, blood biochemistry, liver, and intestinal morphology of African catfish (<i>Clarias gariepinus</i>). <i>Aquaculture Reports</i> , 2021, 21, 100815.	1.7	42
10	Potent Bioactive Compounds From Seaweed Waste to Combat Cancer Through Bioinformatics Investigation. <i>Frontiers in Nutrition</i> , 2022, 9, 889276.	3.8	42
11	Fruit processing by-products in the aquafeed industry: A feasible strategy for aquaculture sustainability. <i>Reviews in Aquaculture</i> , 2022, 14, 1945-1965.	9.6	36
12	Bioaccumulation and Bioremediation of Heavy Metals in Fishes—A Review. <i>Toxics</i> , 2023, 11, 510.	3.8	28
13	Antioxidant, Antibacterial, and Anti-diabetic Activity of Green Synthesized Copper Nanoparticles of <i>Cocculus hirsutus</i> (Menispermaceae). <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4424-4438.	3.0	27
14	Development of Polymer-Based Nanoformulations for Glioblastoma Brain Cancer Therapy and Diagnosis: An Update. <i>Polymers</i> , 2021, 13, 4114.	4.6	25
15	Functionalized Chitosan Nanomaterials: A Jammer for Quorum Sensing. <i>Polymers</i> , 2021, 13, 2533.	4.6	23
16	The effectiveness of <i>Arthrospira platensis</i> and microalgae in relieving stressful conditions affecting finfish and shellfish species: An overview. <i>Aquaculture Reports</i> , 2022, 24, 101135.	1.7	23
17	Effect of papaya (<i>Carica papaya</i>) leaf extract as dietary growth promoter supplement in red hybrid tilapia (<i>Oreochromis mossambicus</i> — <i>Oreochromis niloticus</i>) diet. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3911-3917.	3.9	22
18	Olive oil by-products in aquafeeds: Opportunities and challenges. <i>Aquaculture Reports</i> , 2022, 22, 100998.	1.7	21

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19	Phytocompound Mediated Blockage of Quorum Sensing Cascade in ESKAPE Pathogens. <i>Antibiotics</i> , 2022, 11, 61.	3.8	21
20	Effect of dietary barberry fruit (<i>Berberis vulgaris</i>) extract on immune function, antioxidant capacity, antibacterial activity, and stress-related gene expression of Siberian sturgeon (<i>Acipenser baerii</i>). <i>Aquaculture Reports</i> , 2022, 23, 101041.	1.7	20
21	Coconut Palm: Food, Feed, and Nutraceutical Properties. <i>Animals</i> , 2022, 12, 2107.	2.3	20
22	Engineered Nanotechnology: An Effective Therapeutic Platform for the Chronic Cutaneous Wound. <i>Nanomaterials</i> , 2022, 12, 778.	4.2	18
23	Effect of feeding pineapple waste on growth performance, texture quality and flesh colour of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2514-2519.	3.9	18
24	Fermented Soybean Meal (FSBM) in African Catfish (<i>Clarias gariepinus</i>) Diets: Effects on Growth Performance, Fish Gut Microbiota Analysis, Blood Haematology, and Liver Morphology. <i>Life</i> , 2022, 12, 1851.	2.5	18
25	Recent Advances in Tilapia Production for Sustainable Developments in Indian Aquaculture and Its Economic Benefits. <i>Fishes</i> , 2023, 8, 176.	1.7	16
26	The Potential of Fermented Water Spinach Meal as a Fish Meal Replacement and the Impacts on Growth Performance, Reproduction, Blood Biochemistry and Gut Morphology of Female Stinging Catfish (<i>Heteropneustes fossilis</i>). <i>Life</i> , 2023, 13, 176.	2.5	13
27	Beneficial Effects of Graded Levels of Fish Protein Hydrolysate (FPH) on the Growth Performance, Blood Biochemistry, Liver and Intestinal Health, Economics Efficiency, and Disease Resistance to <i>Aeromonas hydrophila</i> of Pabda (<i>Ompok pabda</i>) Fingerling. <i>Fishes</i> , 2023, 8, 147.	1.7	12
28	Bioactivity and Pharmacological Potential of Date Palm (<i>Phoenix dactylifera</i> L.) Against Pandemic COVID-19: a Comprehensive Review. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4587-4624.	3.0	10
29	The Roles of Polysaccharides in Carp Farming: A Review. <i>Animals</i> , 2023, 13, 244.	2.3	10
30	Effect of Fish Meal Substitution with Black Soldier Fly (<i>Hermetia illucens</i>) on Growth Performance, Feed Stability, Blood Biochemistry, and Liver and Gut Morphology of Siamese Fighting Fish (<i>Betta</i>) <i>Tj ETQq0 0 0 rgBT7/Overload 10 Tf 50</i>		
31	Effects of the inclusion of black soldier fly larvae (<i>Hermetia illucens</i>) meal on growth performance and blood plasma constituents in broiler chicken (<i>Gallus gallus domesticus</i>) production. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 809-815.	3.9	9
32	Acute oral toxicity assessment and anti-hyperuricemic activity of <i>Alocasia longiloba</i> extracts on Sprague-Dawley rats. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3184-3193.	3.9	8
33	Evaluation of Phytochemical Screening, Pigment Content, In Vitro Antioxidant, Antibacterial Potential and GC-MS Metabolite Profiling of Green Seaweed <i>Caulerpa racemosa</i> . <i>Marine Drugs</i> , 2023, 21, 278.	4.6	7
34	A Global Analysis of Climate Change and the Impacts on Oyster Diseases. <i>Sustainability</i> , 2023, 15, 12775.	3.3	7
35	Pharmacotherapeutic potential of astaxanthin: Human and animal targeting roles – A review. <i>Annals of Animal Science</i> , 2022, 22, 829-838.	1.6	6
36	Editorial special issue: Friendly nutritional strategies for sustainable aquaculture. <i>Aquaculture and Fisheries</i> , 2024, 9, 1-2.	2.4	5

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37	Effects of Multispecies Probiotics on Growth, Hematology, and Gut Health of Stinging Catfish (<i>Heteropneustes fossilis</i>) in Biofloc System. <i>Water (Switzerland)</i> , 2023, 15, 2519.	2.8	5
38	Ophthalmic Intervention of Naringenin Decreases Vascular Endothelial Growth Factor by Counteracting Oxidative Stress and Cellular Damage in In Vivo Zebrafish. <i>Molecules</i> , 2023, 28, 5350.	3.9	5
39	A Comprehensive Review on Metallic Trace Elements Toxicity in Fishes and Potential Remedial Measures. <i>Water (Switzerland)</i> , 2023, 15, 3017.	2.8	4
40	Evaluating Biofilm Inhibitory Potential in Fish Pathogen, <i>Aeromonas hydrophila</i> by Agricultural Waste Extracts and Assessment of Aerolysin Inhibitors Using In Silico Approach. <i>Antibiotics</i> , 2023, 12, 891.	3.8	3
41	Trends in the Use of Probiotics in Aquaculture of Bangladesh—Present State, Problems, and Prospects. <i>Aquaculture Research</i> , 2023, 2023, 1-13.	1.8	3
42	Impacts of Dietary Selenium Nanoparticles from <i>Spirulina platensis</i> on Growth Performance, Physio-Biochemical Components and Alleviating Effect against Cadmium Toxicity in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Catalysts</i> , 2023, 13, 1389.	3.6	3
43	Ameliorative Effects of Different Dietary Levels of Fish Protein Hydrolysate (FPH) on Growth and Reproductive Performance, Feed Stability, Tissues Biochemical Composition, Haematobiochemical Profile, Liver Histology, and Economic Analysis of Pabda (<i>Ompok pabda</i>) Broodstock. <i>Aquaculture Research</i> , 2024, 2024, 1-15.	1.8	3
44	Comparative approach of decision tree and CWQI analysis for classification of groundwater with a special reference to fluoride ion in drought-prone Boudh district of Odisha, India. <i>Sustainable Water Resources Management</i> , 2021, 7, 1.	2.1	2
45	Autochthonous Bacilli and Fructooligosaccharide as Functional Feed Additives Improve Growth, Feed Utilisation, Haemato-Immunological Parameters and Disease Resistance in Rohu, <i>Labeo rohita</i> (Hamilton). <i>Animals</i> , 2023, 13, 2631.	2.3	2
46	Catfishes: A global review of the literature. <i>Heliyon</i> , 2023, 9, e20081.	3.3	2
47	Aquatic Peptide: The Potential Anti-Cancer and Anti-Microbial Activity of GE18 Derived from Pathogenic Fungus <i>Aphanomyces invadans</i> . <i>Molecules</i> , 2023, 28, 6746.	3.9	2
48	The roles of polysaccharides in tilapia farming: A review. <i>Aquaculture and Fisheries</i> , 2024, 9, 20-27.	2.4	1
49	Detection and Management of Freshwater Invasive Alien Species through Environmental DNA Analysis and Geographic Information Systems: A Review. <i>Sustainability</i> , 2023, 15, 9497.	3.3	1
50	Comparative analysis of biometrical and reproductive indices, proximate composition, and hemato-biochemical variables of cuchia eel <i>Monopterus cuchia</i> (Hamilton, 1822) from six different localities of Bangladesh. <i>Heliyon</i> , 2024, 10, e25491.	3.3	1
51	The Potential of Fish Protein Hydrolysate Supplementation in Nile Tilapia Diets: Effects on Growth and Health Performance, Disease Resistance, and Farm Economic Analysis. <i>Applied Biochemistry and Biotechnology</i> , 0, , .	3.0	1
52	Evaluation of anti-hyperuricemic effects of <i>Alocasia longiloba</i> Miq. (Keladi Candik) extracts in potassium oxonate induced rat model. <i>Heliyon</i> , 2023, 9, e18069.	3.3	0
53	Protective Effects of Dietary <i>Etlingera elatior</i> (Jack) Bud Flower Powder against <i>Edwardsiella tarda</i> Infection in African Catfish, <i>Clarias gariepinus</i> . <i>Aquaculture Research</i> , 2024, 2024, .	1.8	0