

# David D Kuhn

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,337  
citations

394421

19  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial floc meal as a replacement ingredient for fish meal and soybean protein in shrimp feed. <i>Aquaculture</i> , 2009, 296, 51-57.	3.5	186
2	Evaluation of two types of bioflocs derived from biological treatment of fish effluent as feed ingredients for Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2010, 303, 28-33.	3.5	145
3	Chronic toxicity of nitrate to Pacific white shrimp, <i>Litopenaeus vannamei</i> : Impacts on survival, growth, antennae length, and pathology. <i>Aquaculture</i> , 2010, 309, 109-114.	3.5	108
4	Modulation of innate immunity in Nile tilapia ( <i>Oreochromis niloticus</i> ) by dietary supplementation of <i>Bacillus subtilis</i> endospores. <i>Fish and Shellfish Immunology</i> , 2018, 83, 171-179.	3.6	67
5	Toxicity of ammonia to three marine fish and three marine invertebrates. <i>Environmental Toxicology</i> , 2004, 19, 134-142.	4.0	59
6	Evaluation of nitrifying bacteria product to improve nitrification efficacy in recirculating aquaculture systems. <i>Aquacultural Engineering</i> , 2010, 43, 78-82.	3.1	59
7	Acute Toxicity of Ammonia and Nitrite to Pacific White Shrimp, <i>Litopenaeus vannamei</i> , at Low Salinities. <i>Journal of the World Aquaculture Society</i> , 0, 41, 438-446.	2.4	53
8	Evaluation of bioflocs derived from confectionary food effluent water as a replacement feed ingredient for fishmeal or soy meal for shrimp. <i>Aquaculture</i> , 2016, 454, 66-71.	3.5	53
9	Water quality and sludge characterization at raceway-system trout farms. <i>Aquacultural Engineering</i> , 2005, 33, 271-284.	3.1	50
10	Use of Microbial Flocs Generated from Tilapia Effluent as a Nutritional Supplement for Shrimp, <i>Litopenaeus vannamei</i> , in Recirculating Aquaculture Systems. <i>Journal of the World Aquaculture Society</i> , 2008, 39, 72-82.	2.4	50
11	Production of omega-3 enriched tilapia through the dietary use of algae meal or fish oil: Improved nutrient value of fillet and offal. <i>PLoS ONE</i> , 2018, 13, e0194241.	2.5	46
12	Changes in flavor volatile composition of oolong tea after panning during tea processing. <i>Food Science and Nutrition</i> , 2016, 4, 456-468.	3.4	41
13	Wet fractionation process to produce high protein and high fiber products from brewer's spent grain. <i>Food and Bioprocess Technology</i> , 2019, 117, 266-274.	3.6	41
14	SDE and SPME Analysis of Flavor Compounds in Jin Xuan Oolong Tea. <i>Journal of Food Science</i> , 2016, 81, C348-58.	3.1	35
15	Strain and dose infectivity of <i>Vibrio parahaemolyticus</i> : the causative agent of early mortality syndrome in shrimp. <i>Aquaculture Research</i> , 2017, 48, 3719-3727.	1.8	34
16	Photolytic degradation of hexacyanoferrate (II) in aqueous media: The determination of the degradation kinetics. <i>Chemosphere</i> , 2005, 60, 1222-1230.	8.2	33
17	Effect of Common Aquaculture Chemicals against <i>Edwardsiella ictaluri</i> and <i>E. tarda</i> . <i>Journal of Aquatic Animal Health</i> , 2010, 22, 224-228.	1.4	33
18	Nitrogen removal from water of recirculating aquaculture system by a microbial fuel cell. <i>Aquaculture</i> , 2018, 497, 74-81.	3.5	28

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19	Comparative pharmacokinetics of oxytetracycline in tilapia ( <i>Oreochromis</i> spp.) maintained at three different salinities. <i>Aquaculture</i> , 2018, 495, 675-681.	3.5	23
20	A laboratory-scale model cocoa fermentation using dried, unfermented beans and artificial pulp can simulate the microbial and chemical changes of on-farm cocoa fermentation. <i>European Food Research and Technology</i> , 2019, 245, 511-519.	3.3	23
21	Analyzing the metabolic capabilities of a <i>Vibrio parahaemolyticus</i> strain that causes Early Mortality Syndrome in shrimp. <i>Aquaculture</i> , 2017, 476, 44-48.	3.5	20
22	Efficacy of Common Aquaculture Compounds for Disinfection of <i>Aeromonas hydrophila</i> , <i>A. salmonicida</i> subsp. <i>salmonicida</i> , and <i>A. salmonicida</i> subsp. <i>achromogenes</i> at Various Temperatures. <i>North American Journal of Aquaculture</i> , 2011, 73, 456-461.	1.4	16
23	Hematologic and plasma chemistry RIs for cultured Striped catfish ( <i>Pangasius hypophthalmus</i> ) in recirculating aquaculture systems. <i>Veterinary Clinical Pathology</i> , 2017, 46, 457-465.	0.7	16
24	Efficacy of Common Aquaculture Compounds for Disinfection of <i>Flavobacterium columnare</i> and <i>F. psychrophilum</i> . <i>Journal of Applied Aquaculture</i> , 2012, 24, 262-270.	1.4	14
25	Culture feasibility of eastern oysters ( <i>Crassostrea virginica</i> ) in zero-water exchange recirculating aquaculture systems using synthetically derived seawater and live feeds. <i>Aquacultural Engineering</i> , 2013, 54, 45-48.	3.1	14
26	Analysis of microcystin-LR and nodularin using triple quad liquid chromatography-tandem mass spectrometry and histopathology in experimental fish. <i>Toxicon</i> , 2017, 138, 82-88.	1.6	12
27	Impact of a yeast-based dietary supplement on the intestinal microbiome of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture Research</i> , 2021, 52, 1594-1604.	1.8	11
28	Desirability of Oysters Treated by High Pressure Processing at Different Temperatures and Elevated Pressures. <i>American Journal of Food Technology</i> , 2014, 9, 209-216.	0.2	11
29	Evaluation of Tilapia Effluent with Ion Supplementation for Marine Shrimp Production in a Recirculating Aquaculture System. <i>Journal of the World Aquaculture Society</i> , 2007, 38, 74-84.	2.4	8
30	Effects of selenium-enriched prebiotic on the growth performance, innate immune response, oxidative enzyme activity and microbiome of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , 2021, 531, 735980.	3.5	8
31	Trace minerals in tilapia fillets: Status in the United States marketplace and selenium supplementation strategy for improving consumer's health. <i>PLoS ONE</i> , 2019, 14, e0217043.	2.5	7
32	Protein-rich product recovered from brewer's spent grain can partially replace fishmeal in diets of Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2020, 51, 3284-3296.	1.8	7
33	Toxicity of tobacco dust to freshwater snails ( <i>Planorbella trivolvis</i> ) and channel catfish ( <i>Ictalurus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.1	5
34	Comparative Pharmacokinetics and Tissue Concentrations of Flunixin Meglumine and Meloxicam in Tilapia ( <i>Oreochromis</i> spp.). <i>Fishes</i> , 2021, 6, 68.	1.7	5
35	Tobacco dust: A novel molluscicide for aquaculture applications. <i>Aquacultural Engineering</i> , 2014, 63, 25-31.	3.1	4
36	Identification of soil bacteria capable of utilizing a corn ethanol fermentation byproduct. <i>PLoS ONE</i> , 2019, 14, e0212685.	2.5	4

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37	Development of a polyclonal antibody for detection and sensitive quantification of immunoglobulin M-like antibody in <i>Pangasius hypophthalmus</i> plasma. <i>Aquaculture</i> , 2019, 513, 734369.	3.5	2
38	Evaluation of Lipid Quality and Fatty Acid Composition of Tilapia, <i>Oreochromis</i> spp., Fillets Available in US Supermarkets. <i>ACS Food Science &amp; Technology</i> , 2021, 1, 2069-2075.	2.7	1
39	Adsorptive performance of granular activated carbon in aquaculture and aquaria: A simplified method. <i>Journal of Applied Aquaculture</i> , 2017, 29, 291-306.	1.4	0