

Michael L Brown

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

913
citations

567281

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h-index

477307

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49
all docs

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49
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Increasing Dietary High Protein Distillers Dried Grains on Yellow Perch (<i>Perca flavescens</i>) Performance. <i>Journal of Applied Aquaculture</i> , 2022, 34, 702-714.	1.4	1
2	Combined effect of mild pretreatment and fungal fermentation on nutritional characteristics of canola meal and nutrient digestibility of processed canola meal in rainbow trout. <i>Food and Bioproducts Processing</i> , 2022, 133, 57-66.	3.6	3
3	Amino acid availability of processed <i>Brassica carinata</i> meals in hybrid striped bass <i>Morone chrysops</i> × <i>M. saxatilis</i> . <i>Aquaculture Reports</i> , 2021, 19, 100597.	1.7	2
4	Proposed Standard Weight (Ws) Equations for Arctic Grayling. <i>North American Journal of Fisheries Management</i> , 2021, 41, 739-745.	1.0	1
5	Effects of a Bioprocessed Soybean Meal Ingredient on the Intestinal Microbiota of Hybrid Striped Bass, <i>Morone chrysops</i> × <i>M. saxatilis</i> . <i>Microorganisms</i> , 2021, 9, 1032.	3.6	8
6	Process effects on <i>Brassica carinata</i> and <i>Camelina sativa</i> seed meal compositions and diet palatability in Rainbow Trout <i>Oncorhynchus mykiss</i> . <i>Animal Feed Science and Technology</i> , 2020, 267, 114578.	2.2	7
7	Estimation of the crude protein requirement for juvenile yellow perch <i>Perca flavescens</i> . <i>Aquaculture Nutrition</i> , 2020, 26, 1383-1393.	2.7	2
8	Effect of fish meal replacement with <i>Brassica carinata</i> in low animal protein diets of rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum) on trypsin activity, protein and amino acid digestibility and bioavailability. <i>Aquaculture Research</i> , 2020, 51, 2134-2149.	1.8	3
9	Growth, feeding and thyroxine-related responses of hybrid striped (sunshine) bass (<i>Morone chrysops</i>) × <i>M. saxatilis</i> . <i>Aquaculture Nutrition</i> , 2020, 26, 109-122.	2.7	4
10	Investigation of the Potential Effects of Host Genetics and Probiotic Treatment on the Gut Bacterial Community Composition of Aquaculture-raised Pacific Whiteleg Shrimp, <i>Litopenaeus vannamei</i> . <i>Microorganisms</i> , 2019, 7, 217.	3.6	15
11	Reproductive cycle of northern largemouth bass (<i>Micropterus salmoides salmoides</i>). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2019, 331, 540-551.	1.9	5
12	Recipient ecosystem productivity influences effects of resource pulses in mesocosms. <i>Hydrobiologia</i> , 2019, 827, 183-199.	2.0	0
13	Nutritional Utilization of Modified <i>Brassica carinata</i> Meals in Sunshine Bass Diets. <i>North American Journal of Aquaculture</i> , 2019, 81, 372-384.	1.4	4
14	Replacement of fish meal with processed <i>Brassica carinata</i> seed meal in low animal protein diets of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture Nutrition</i> , 2019, 25, 959-969.	2.7	5
15	Bioprocessed soybean meal replacement of fish meal in rainbow trout (<i>Oncorhynchus mykiss</i>) diets. <i>Cogent Food and Agriculture</i> , 2019, 5, 1579482.	1.4	23
16	Impact of Aquaculture Practices on Intestinal Bacterial Profiles of Pacific Whiteleg Shrimp <i>Litopenaeus vannamei</i> . <i>Microorganisms</i> , 2019, 7, 93.	3.6	32
17	Application of a robust design occupancy model for assessing fish recruitment. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 561-568.	1.4	5
18	Genome-wide Scan for Seed Composition Provides Insights into Soybean Quality Improvement and the Impacts of Domestication and Breeding. <i>Molecular Plant</i> , 2018, 11, 460-472.	8.3	111

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19	Effects of resource pulse magnitude on nutrient availability, productivity, stability, and food web dynamics in experimental aquatic ecosystems. <i>Hydrobiologia</i> , 2018, 814, 191-203.	2.0	5
20	Evaluating potential competitive bottlenecks between invasive common carp and native bluegill and yellow perch. <i>Ecology of Freshwater Fish</i> , 2018, 27, 216-224.	1.4	4
21	Gut histology, immunology and the intestinal microbiota of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), fed process variants of soybean meal. <i>Aquaculture Research</i> , 2018, 49, 492-504.	1.8	41
22	Quantifying the spatial scale of common carp (<i>Cyprinus carpio</i>) recruitment synchrony. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1682-1691.	1.4	7
23	Effects of Common Carp on Trophic Dynamics of Sport Fishes in Shallow South Dakota Water Bodies. <i>Transactions of the American Fisheries Society</i> , 2017, 146, 331-340.	1.4	4
24	Effects of resource pulses on nutrient availability, ecosystem productivity, and temporal variability following a stochastic disturbance in eutrophic glacial lakes. <i>Hydrobiologia</i> , 2016, 771, 165-177.	2.0	9
25	An Evaluation of Attractants to Increase Catch Rates and Deplete Age-0 Common Carp in Shallow South Dakota Lakes. <i>North American Journal of Fisheries Management</i> , 2016, 36, 506-513.	1.0	7
26	Biomass-dependent effects of age-0 common carp on aquatic ecosystems. <i>Hydrobiologia</i> , 2015, 742, 71-80.	2.0	24
27	Metabolic theory explains latitudinal variation in common carp populations and predicts responses to climate change. <i>Ecosphere</i> , 2015, 6, 1-16.	2.2	26
28	Quantitative trait locus analysis of seed sulfur-containing amino acids in two recombinant inbred line populations of soybean. <i>Euphytica</i> , 2015, 201, 293-305.	1.2	19
29	Characteristics of Vegetable-Based Twin-Screw Extruded Yellow Perch (<i>Perca flavescens</i>) Diets Containing Fermented High-Protein Soybean Meal and Graded Levels of Distillers Dried Grains with Solubles. <i>Cereal Chemistry</i> , 2014, 91, 79-87.	2.2	2
30	Movement and Spatial Distribution of Common Carp in a South Dakota Glacial Lake System: Implications for Management and Removal. <i>North American Journal of Fisheries Management</i> , 2014, 34, 1270-1281.	1.0	11
31	Spatiotemporal Variation of Juvenile Common Carp Foraging Patterns as Inferred from Stable Isotope Analysis. <i>Transactions of the American Fisheries Society</i> , 2013, 142, 1179-1191.	1.4	11
32	Density-Dependence and Environmental Conditions Regulate Recruitment and First-Year Growth of Common Carp in Shallow Lakes. <i>Transactions of the American Fisheries Society</i> , 2013, 142, 471-482.	1.4	27
33	Practical Comparison of Commercial Starter Diets for Feed Training Largemouth Bass Fingerlings. <i>Journal of Applied Aquaculture</i> , 2013, 25, 24-34.	1.4	1
34	Continuous, pulsed and disrupted nutrient subsidy effects on ecosystem productivity, stability, and energy flow. <i>Ecosphere</i> , 2013, 4, 1-13.	2.2	20
35	Evaluation of Four Commercial Grower Diets for Production of Largemouth Bass. <i>Journal of Applied Aquaculture</i> , 2013, 25, 35-49.	1.4	5
36	Nutritional Composition and Use of Common Carp Muscle in Yellow Perch Diets. <i>North American Journal of Aquaculture</i> , 2012, 74, 297-305.	1.4	2

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37	Application of a Bioenergetics Model for Hatchery Production: Largemouth Bass Fed Commercial Feeds. North American Journal of Aquaculture, 2012, 74, 352-359.	1.4	4
38	Effect of Feeding and Fasting Cycles on Oxygen Consumption and Bioenergetics of Female Yellow Perch. Transactions of the American Fisheries Society, 2012, 141, 1480-1491.	1.4	3
39	Diel and temporal habitat use of four juvenile fishes in a complex glacial lake. Lake and Reservoir Management, 2012, 28, 120-129.	1.3	14
40	Nutrient and algal responses to winterkilled fish-derived nutrient subsidies in eutrophic lakes. Lake and Reservoir Management, 2012, 28, 189-199.	1.3	10
41	Culture performance and tissue fatty acid compositions of yellow perch (<i>Perca flavescens</i>) fed different dietary lipids. Aquaculture, 2012, 360-361, 17-24.	3.5	10
42	Maternal effects of common carp on egg quantity and quality. Journal of Freshwater Ecology, 2012, 27, 409-417.	1.2	19
43	Twin-screw Extrusion Processing of Vegetable-based Protein Feeds for Yellow Perch (<i>Perca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 Soybean Meal. Journal of Food Research, 2012, 1, 230.	0.3	16
44	Effects of Dietary Distillers Dried Grains with Solubles and Soybean Meal on Extruded Pellet Characteristics and Growth Responses of Juvenile Yellow Perch. North American Journal of Aquaculture, 2011, 73, 270-278.	1.4	28
45	Simulated Population Responses of Common Carp to Commercial Exploitation. North American Journal of Fisheries Management, 2011, 31, 269-279.	1.0	45
46	Twin Screw Extrusion of DDGS-Based Aquaculture Feeds. Journal of the World Aquaculture Society, 2010, 41, 1-15.	2.4	48
47	Effects of Common Carp on Aquatic Ecosystems 80 Years after "Carp as a Dominant" Ecological Insights for Fisheries Management. Reviews in Fisheries Science, 2009, 17, 524-537.	2.1	244
48	Improvement of an Esocid Bioenergetics Model for Juvenile Fish. Transactions of the American Fisheries Society, 2008, 137, 1891-1897.	1.4	7
49	Temperature-Dependent Growth Models for South Dakota Yellow Perch, <i>Perca flavescens</i> , Fingerling Production. Journal of Applied Aquaculture, 2004, 16, 105-112.	1.4	9