

Wade O Watanabe

List of Publications by Year in descending order

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36
papers

893
citations

394421

19
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	The ontogeny of salinity tolerance in the tilapias <i>Oreochromis aureus</i> , <i>O. niloticus</i> , and an <i>O. mossambicus</i> × <i>O. niloticus</i> hybrid, spawned and reared in freshwater. <i>Aquaculture</i> , 1985, 47, 353-367.	3.5	76
2	Effects of dietary docosahexaenoic acid (22:6n-3) and arachidonic acid (20:4n-6) on the growth, survival, stress resistance and fatty acid composition in black sea bass <i>Centropristis striata</i> (Linnaeus). <i>Journal of the World Aquaculture Society</i> , 2010, 41, 107-114.	2.4	10
3	Combined effects of photoperiod and salinity on growth, survival, and osmoregulatory ability of larval southern flounder <i>Paralichthys lethostigma</i> . <i>Aquaculture</i> , 2004, 229, 159-179.	3.5	53
4	Dietary Protein Requirements of Juvenile Black Sea Bass, <i>Centropristis striata</i> . <i>Journal of the World Aquaculture Society</i> , 2008, 39, 656-663.	2.4	53
5	Progress in Controlled Maturation and Spawning of Summer Flounder <i>Paralichthys dentatus</i> Broodstock. <i>Journal of the World Aquaculture Society</i> , 1998, 29, 393-404.	2.4	48
6	Effects of dietary arachidonic acid on larval performance, fatty acid profiles, stress resistance, and expression of Na ⁺ /K ⁺ ATPase mRNA in black sea bass <i>Centropristis striata</i> . <i>Aquaculture</i> , 2011, 319, 111-121.	3.5	48
7	Evaluation of Poultry By-Product Meal as an Alternative to Fish Meal in the Diet of Juvenile Black Sea Bass Reared in a Recirculating Aquaculture System. <i>North American Journal of Aquaculture</i> , 2018, 80, 74-87.	1.4	40
8	Volitional Spawning of Black Sea Bass <i>Centropristis striata</i> Induced with Pelleted Luteinizing Hormone Releasing Hormone-Analogue. <i>Journal of the World Aquaculture Society</i> , 2003, 34, 319-331.	2.4	39
9	Effects of resveratrol on growth and skeletal muscle physiology of juvenile southern flounder. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 183, 27-35.	1.8	36
10	Progress Toward Year-round Spawning of Southern Flounder Broodstock by Manipulation of Photoperiod and Temperature. <i>Journal of the World Aquaculture Society</i> , 2006, 37, 256-272.	2.4	33
11	Effects of salinity and temperature on the growth, survival, whole body osmolality, and expression of Na ⁺ /K ⁺ ATPase mRNA in red porgy (<i>Pagrus pagrus</i>) larvae. <i>Aquaculture</i> , 2011, 314, 193-201.	3.5	32
12	Direct ingestion, trophic transfer, and physiological effects of microplastics in the early life stages of <i>Centropristis striata</i> , a commercially and recreationally valuable fishery species. <i>Environmental Pollution</i> , 2021, 285, 117653.	7.5	32
13	Light intensity effects on early life stages of black sea bass, <i>Centropristis striata</i> (Linnaeus 1758). <i>Aquaculture Research</i> , 2006, 37, 1458-1463.	1.8	30
14	Effects of dietary protein and lipid levels on growth performance and body composition of black sea bass <i>Centropristis striata</i> (Linnaeus 1758) during grow-out in a pilot-scale marine recirculating system. <i>Aquaculture Research</i> , 2009, 40, 442-449.	1.8	29
15	Sustained, Natural Spawning of Southern Flounder <i>Paralichthys lethostigma</i> Under an Extended Photothermal Regime. <i>Journal of the World Aquaculture Society</i> , 2001, 32, 153-166.	2.4	25
16	Growth and Feed Utilization of Captive Wild Subadult Black Sea Bass <i>Centropristis striata</i> Fed Practical Diets in a Recirculating System. <i>Journal of the World Aquaculture Society</i> , 2002, 33, 97-109.	2.4	22
17	Growth and Feed Utilization of Captive Wild Black Sea Bass <i>Centropristis striata</i> at Four Different Densities in a Recirculating Tank System. <i>Journal of the World Aquaculture Society</i> , 2003, 34, 300-307.	2.4	20
18	Economic Evaluation of a Small-Scale Recirculating System for Ongrowing of Captive Wild Black Sea Bass <i>Centropristis striata</i> in North Carolina. <i>Journal of the World Aquaculture Society</i> , 2005, 36, 489-497.	2.4	20

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19	Replacement of Menhaden Fish Meal Protein by Solvent-Extracted Soybean Meal Protein in the Diet of Juvenile Black Sea Bass Supplemented with or without Squid Meal, Krill Meal, Methionine, and Lysine. <i>North American Journal of Aquaculture</i> , 2012, 74, 251-265.	1.4	20
20	Progress in Controlled Breeding of Summer Flounder, <i>Paralichthys dentatus</i> , and Southern Flounder, <i>P. lethostigma</i> . <i>Journal of Applied Aquaculture</i> , 2001, 11, 89-111.	1.4	19
21	Combined Effects of Turbulence and Salinity on Growth, Survival, and Whole-body Osmolality of Larval Southern Flounder. <i>Journal of the World Aquaculture Society</i> , 2006, 37, 407-420.	2.4	18
22	Evaluation of chemical polymers as coagulation aids to remove suspended solids from marine finfish recirculating aquaculture system discharge using a geotextile bag. <i>Aquacultural Engineering</i> , 2020, 90, 102065.	3.1	17
23	Replacement of Menhaden Fish Meal by Poultry By-Product Meal in the Diet of Juvenile Red Porgy. <i>North American Journal of Aquaculture</i> , 2019, 81, 81-93.	1.4	16
24	Effect of Different Dietary Protein and Lipid Levels on Growth Performance and Body Composition of Juvenile Southern Flounder, <i>Paralichthys lethostigma</i> , Reared in a Recirculating Aquaculture System. <i>Journal of the World Aquaculture Society</i> , 2009, 40, 513-521.	2.4	15
25	Effects of Replacement of Menhaden Fish Meal Protein by Solvent-Extracted Soybean Meal Protein Supplemented with or without Methionine and Lysine in the Diet of Juvenile Southern Flounder. <i>North American Journal of Aquaculture</i> , 2011, 73, 350-359.	1.4	15
26	Live prey enrichment and artificial microdiets for larviculture of Atlantic red porgy <i>Pagrus pagrus</i> . <i>Aquaculture Reports</i> , 2016, 3, 93-107.	1.7	14
27	Preliminary investigations on the effects of dietary lipid on the spawning performance and egg quality of black sea bass <i>Centropristis striata</i> . <i>Aquaculture Research</i> , 2009, 40, 1873-1883.	1.8	12
28	Production Economic Analysis of Black Sea Bass Juveniles to Support Finfish Mariculture Growout Industry Development in the Southeastern United States. <i>Aquaculture, Economics and Management</i> , 2015, 19, 226-250.	4.2	10
29	Pilot Production of Hatchery-Reared Summer Flounder <i>Paralichthys dentatus</i> in a Marine Recirculating Aquaculture System: The Effects of Ration Level on Growth, Feed Conversion, and Survival. <i>Journal of the World Aquaculture Society</i> , 2007, 36, 120-128.	2.4	9
30	Aquaculture of the Atlantic Red Porgy. <i>North American Journal of Aquaculture</i> , 2008, 70, 184-191.	1.4	8
31	Effects of feeding frequency of live prey on larval growth, survival, resistance to hyposalinity stress, Na ⁺ /K ⁺ ATPase activity, and fatty acid profiles in black sea bass <i>Centropristis striata</i> . <i>Aquaculture</i> , 2017, 470, 56-67.	3.5	8
32	The status of black sea bass, <i>Centropristis striata</i> , as a commercially ready species for U.S. marine aquaculture. <i>Journal of the World Aquaculture Society</i> , 2021, 52, 541-565.	2.4	8
33	Growth performance, survival and body composition of southern flounder <i>Paralichthys lethostigma</i> larvae fed different formulated microdiets. <i>Aquaculture Research</i> , 2015, 46, 1924-1936.	1.8	7
34	Experimental Evaluation of the Halophyte, <i>Salicornia virginica</i> for Bioremediation of Dissolved Nutrients in Effluent from a Recirculating Aquaculture System for Marine Finfish. <i>Journal of the World Aquaculture Society</i> , 2018, 49, 735-754.	2.4	4
35	Spawning performance and egg quality of wild-caught and first generation southern flounder <i>Paralichthys lethostigma</i> broodstock induced with piscine and mammalian GnRH analogs. <i>Aquaculture</i> , 2019, 506, 367-379.	3.5	2
36	Optimizing nursery diets for post-metamorphic stage black sea bass: Growth performance, body composition, and feed utilization on open-formulated and commercial starter diets. <i>Journal of the World Aquaculture Society</i> , 2023, 54, 113-130.	2.4	1