

Shinsuke Torisawa

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

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1163117

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times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	A digital stereo-video camera system for three-dimensional monitoring of free-swimming Pacific bluefin tuna, <i>Thunnus orientalis</i> , cultured in a net cage. Aquatic Living Resources, 2011, 24, 107-112.	1.2	63
2	Schooling behaviour and retinomotor response of juvenile Pacific bluefin tuna <i>Thunnus orientalis</i> under different light intensities. Journal of Fish Biology, 2007, 71, 411-420.	1.6	43
3	Employing Relative Entropy Techniques for Assessing Modifications in Animal Behavior. PLoS ONE, 2011, 6, e28241.	2.5	20
4	Developmental changes in behavioral and retinomotor responses of Pacific bluefin tuna on exposure to sudden changes in illumination. Aquaculture, 2010, 305, 73-78.	3.5	15
5	Measuring the swimming behaviour of a reared Pacific bluefin tuna in a submerged aquaculture net cage. Aquatic Living Resources, 2011, 24, 99-105.	1.2	14
6	Changes in the retinal cone density distribution and the retinal resolution during growth of juvenile Pacific bluefin tuna <i>Thunnus orientalis</i> . Fisheries Science, 2007, 73, 1202-1204.	1.6	10
7	Schooling behaviour of juvenile Pacific bluefin tuna <i>Thunnus orientalis</i> depends on their vision development. Journal of Fish Biology, 2011, 79, 1291-1303.	1.6	10
8	Comparison of visual acuity and visual axis of three flatfish species with different ecotypes. Fisheries Science, 2008, 74, 562-572.	1.6	8
9	Hydrodynamical effect of parallelly swimming fish using computational fluid dynamics method. PLoS ONE, 2021, 16, e0250837.	2.5	8
10	Body Measurement of Reared Red Sea Bream Using Stereo Vision. Journal of Robotics and Mechatronics, 2018, 30, 231-237.	1.0	7
11	Visual acuity and spectral sensitivity of Jacopever <i>Sebastes schlegeli</i> . Fisheries Science, 2002, 68, 984-990.	1.6	5
12	Visual acuity and spectral sensitivity of the elkhorn sculpin <i>Alcichthys alcornis</i> . Fisheries Science, 2005, 71, 1136-1142.	1.6	5
13	Performance of a multi-stereovision technique to enhance the accuracy of fish body measurement for aquaculture management. Nippon Suisan Gakkaishi, 2019, 85, 314-320.	0.1	5
14	Comparison of the color vision and spectral sensitivity of three flatfish species of different ecotypes, and application to selective fishing methods. Fisheries Science, 2009, 75, 35-42.	1.6	4
15	Energy-saving in schooling Japanese mackerel (<i>Scomber japonicus</i>) and the effect of induced velocity of wake vortices. Journal of Aero Aqua Bio-mechanisms, 2015, 4, 78-82.	1.0	4
16	A technique for calculating bearing and tilt angles of walleye pollock photographed in trawls with digital still-picture loggers. Fisheries Research, 2006, 77, 4-9.	1.7	3
17	Numerical Analysis of Net Cage Dynamic Behavior Due to Concurrent Waves and Current. , 2009, , .		2
18	Analysis of juvenile tuna movements as correlated random walk. Fisheries Science, 2011, 77, 993-998.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Particle filter for automated measurement of chub mackerel trajectory using stereo vision. <i>Nippon Suisan Gakkaishi</i> , 2018, 84, 787-795.	0.1	2
20	Mechanical efficiency of fish thrust induced by tail beating: comparison between kinetic energy and metabolic energy. <i>Journal of Aero Aqua Bio-mechanisms</i> , 2019, 8, 54-62.	1.0	2
21	3. Introduction of ICT in reared fish management: development of monitoring technique for reared fish. <i>Nippon Suisan Gakkaishi</i> , 2017, 83, 94-94.	0.1	2
22	Estimating the total length of Mekong giant catfish, <i>Pangasianodon gigas</i> , in an aquarium via stereo-video shooting and direct linear transformation. <i>Zoo Biology</i> , 2022, 41, 554-559.	1.2	2
23	Scanning electron microscopic observation on the ciliated cells in the larval body surface of a Japanese spear squid, <i>Loligo bleekeri</i> . <i>Fisheries Science</i> , 2002, 68, 455-456.	1.6	0