

# Nobuaki Arai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9610056/publications.pdf>

Version: 2024-02-01

29  
papers

264  
citations

1040056

9  
h-index

996975

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of homing of black rockfish <i>Sebastes inermis</i> using biotelemetry. <i>Fisheries Science</i> , 2002, 68, 1189-1196.	1.6	43
2	Movements of lump sucker females in a northern Norwegian fjord during the spawning season. <i>Environmental Biology of Fishes</i> , 2012, 93, 475-481.	1.0	27
3	The influence of body size on the intermittent locomotion of a pelagic schooling fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153019.	2.6	22
4	Increase in predation risk and trophic level induced by nocturnal visits of piscivorous fishes in a temperate seagrass bed. <i>Scientific Reports</i> , 2017, 7, 3895.	3.3	18
5	Short-range homing in a site-specific fish: search and directed movements. <i>Journal of Experimental Biology</i> , 2012, 215, 2751-2759.	1.7	16
6	Surfacers change their dive tactics depending on the aim of the dive: evidence from simultaneous measurements of breaths and energy expenditure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140040.	2.6	16
7	Migration, residency and habitat utilisation by wild and cultured Japanese eels ( <i>Anguilla</i> ). <i>Journal of Fish Biology</i> , 2021, 98, 507-525.	1.6	15
8	Horizontal movement and emigration of juvenile spotted halibut <i>Verasper variegatus</i> released in a shallow brackish lagoon: Matsukawa-ura, northeastern Japan, revealed by acoustic telemetry. <i>Fisheries Science</i> , 2017, 83, 573-585.	1.6	11
9	Feeding kinematics of freshwater turtles: what advantage do invasive species possess?. <i>Zoology</i> , 2014, 117, 315-318.	1.2	10
10	Acoustic discrimination between harbor porpoises and delphinids by using a simple two-band comparison. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 922-929.	1.1	8
11	Differences in Vocalisation Patterns of Dugongs Between Fine-Scale Habitats Around Talibong Island, Thailand. <i>Acoustics Australia</i> , 2017, 45, 243-251.	2.4	8
12	Effects of water temperature on white-spotted conger <i>Conger myriaster</i> activity levels determined by accelerometer transmitters. <i>Fisheries Science</i> , 2019, 85, 295-302.	1.6	8
13	Deep neural networks based automated extraction of dugong feeding trails from UAV images in the intertidal seagrass beds. <i>PLoS ONE</i> , 2021, 16, e0255586.	2.5	8
14	Acoustic capture-recapture method for towed acoustic surveys of echolocating porpoises. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 3364-3370.	1.1	7
15	Study of Energy Harvesting from Low-Frequency Vibration with Ferromagnetic Powder and Non-magnetic Fluid. <i>Plasmonics</i> , 2020, 15, 559-571.	3.4	6
16	Occurrence of a temperate coastal flatfish, the marbled flounder <i>Pseudopleuronectes yokohamae</i> , at high water temperatures in a shallow bay in summer detected by acoustic telemetry. <i>Fisheries Science</i> , 2020, 86, 77-85.	1.6	6
17	Simultaneous observation of intermittent locomotion of multiple fish by fine-scale spatiotemporal three-dimensional positioning. <i>PLoS ONE</i> , 2018, 13, e0201029.	2.5	5
18	Use of rocks as refuges by Japanese eel, <i>Anguilla japonica</i> , in artificial pond, revealed by acoustic telemetry. <i>Ecology and Civil Engineering</i> , 2019, 22, 83-92.	0.1	5

#	ARTICLE	IF	CITATIONS
19	Horizontal distribution and diel movements of 0-year-old hatchery-reared Mekong giant catfish <i>Pangasianodon gigas</i> in Kaeng Krachan reservoir, Thailand, obtained by acoustic telemetry. Nippon Suisan Gakkaishi, 2019, 85, 575-584.	0.1	4
20	Gut Morphometry Represents Diet Preference to Indigestible Materials in the Largest Freshwater Fish, Mekong Giant Catfish ( <i>Pangasianodon gigas</i> ). Zoological Science, 2020, 37, 1.	0.7	4
21	Study of the efficiency of electrical generator using ferromagnetic powders by electromagnetic analysis. Mechanical Engineering Journal, 2016, 3, 16-00408-16-00408.	0.4	3
22	Single spaghetti tagging as a high-retention marking method for Japanese common sea cucumber <i>Apostichopus japonicus</i> . Fisheries Science, 2017, 83, 367-372.	1.6	3
23	River to river: First evidence of eel movement between distant rivers via the sea. Environmental Biology of Fishes, 2021, 104, 529-533.	1.0	3
24	Development of a pinger for classification of feeding behavior of fish based on axis-free acceleration data. , 2016, , .		2
25	Attraction of an artificial reef: a migratory demersal flounder remains in shallow water under high temperature conditions in summer. Environmental Biology of Fishes, 2022, 105, 1953-1962.	1.0	2
26	Acoustic zone monitoring to quantify fine-scale movements of aquatic animals in a narrow water body. Environmental Biology of Fishes, 2022, 105, 1919-1931.	1.0	2
27	Development of wide-area and long-term tracking system for skipjack tuna <i>Katsuwonus pelamis</i> around FADs. Nippon Suisan Gakkaishi, 2021, 87, 108-116.	0.1	1
28	Habitat use of Japanese eel, <i>Anguilla japonica</i>, in brackish water lake, revealed by acoustic telemetry.. Ecology and Civil Engineering, 2019, 22, 73-82.	0.1	1
29	4-â€œ What JSFS should be in the future?â€œ2: From the view point of the local branches â€œ Can a senior and the youth activate society activity?. Nippon Suisan Gakkaishi, 2018, 84, 1098-1098.	0.1	0