

# Yoshihiro Fujiwara

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,250  
citations

394421

19  
h-index

414414

32  
g-index

84  
all docs

84  
docs citations

84  
times ranked

1156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-year investigations into sperm whale-fall ecosystems in Japan. <i>Marine Ecology</i> , 2007, 28, 219-232.	1.1	128
2	Adaptive radiation of chemosymbiotic deep-sea mussels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131243.	2.6	109
3	Evolutionary Process of Deep-Sea Bathymodiolus Mussels. <i>PLoS ONE</i> , 2010, 5, e10363.	2.5	81
4	Deep-sea whale fall fauna from the Atlantic resembles that of the Pacific Ocean. <i>Scientific Reports</i> , 2016, 6, 22139.	3.3	56
5	Association of Thioautotrophic Bacteria with Deep-Sea Sponges. <i>Marine Biotechnology</i> , 2010, 12, 253-260.	2.4	52
6	Japan: Vents and Seeps in Close Proximity. <i>Topics in Geobiology</i> , 2010, , 379-401.	0.5	48
7	When Did Decapods Invade Hydrothermal Vents? Clues from the Western Pacific and Indian Oceans. <i>Molecular Biology and Evolution</i> , 2012, 30, 305-309.	8.9	45
8	Dispersal and Differentiation of Deep-Sea Mussels of the Genus <i>Bathymodiolus</i> (Mytilidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4</i>	1.0	43
9	<i>Aquimarina macrocephali</i> sp. nov., isolated from sediment adjacent to sperm whale carcasses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2298-2302.	1.7	43
10	Copepod colonization of organic and inorganic substrata at a deep-sea hydrothermal vent site on the Mid-Atlantic Ridge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 335-348.	1.4	40
11	Extracellular and Mixotrophic Symbiosis in the Whale-Fall Mussel <i>Adipicola pacifica</i> : A Trend in Evolution from Extra- to Intracellular Symbiosis. <i>PLoS ONE</i> , 2010, 5, e11808.	2.5	38
12	Epibiotic association between filamentous bacteria and the vent-associated galatheid crab, <i>Shinkaia crosnieri</i> (Decapoda: Anomura). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 23-32.	0.8	35
13	The complete mitogenome of the hydrothermal vent crab <i>Gandalfus yunohana</i> (Crustacea: Decapoda). <i>Tj ETQq1 1 0,784314 rgBT /Ov</i>	1.7	28
14	Bone-eating <i>Osedax</i> worms (Annelida: Siboglinidae) regulate biodiversity of deep-sea whale-fall communities. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 4-12.	1.4	27
15	In situ spawning of a deep-sea vesicomyid clam: Evidence for an environmental cue. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 1881-1889.	1.4	25
16	Postembryonic development of the bone-eating worm <i>Osedax japonicus</i> . <i>Die Naturwissenschaften</i> , 2013, 100, 285-289.	1.6	23
17	Comparison of morphological and DNA-based techniques for stomach content analyses in juvenile chum salmon <i>Oncorhynchus keta</i> : a case study on diet richness of juvenile fishes. <i>Fisheries Science</i> , 2017, 83, 47-56.	1.6	23
18	A new <i>Capitella</i> polychaete worm (Annelida: Capitellidae) living inside whale bones in the abyssal South Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 108, 23-31.	1.4	22

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19	Genetic mechanisms of bone digestion and nutrient absorption in the bone-eating worm <i>Osedax japonicus</i> inferred from transcriptome and gene expression analyses. <i>BMC Evolutionary Biology</i> , 2017, 17, 17.	3.2	22
20	Optimization of environmental DNA extraction and amplification methods for metabarcoding of deep-sea fish. <i>MethodsX</i> , 2021, 8, 101238.	1.6	21
21	Dispersal Ability and Environmental Adaptability of Deep-Sea Mussels &lt;i>Bathymodiolus</i> (Mytilidae: Bathymodiolinae). <i>Open Journal of Marine Science</i> , 2013, 03, 31-39.	0.5	21
22	Neuroanatomy of the Vestimentiferan Tubeworm <i>Lamellibrachia satsuma</i> Provides Insights into the Evolution of the Polychaete Nervous System. <i>PLoS ONE</i> , 2013, 8, e55151.	2.5	20
23	<i>Aneurinibacillus tyrosinisolvans</i> sp. nov., a tyrosine-dissolving bacterium isolated from organics- and methane-rich seafloor sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1999-2005.	1.7	15
24	New records of Serpulidae (Annelida, Polychaeta) from hydrothermal vents of North Fiji, Pacific Ocean. <i>Zootaxa</i> , 2010, 2389, .	0.5	14
25	The morphological diversity of <i>Osedax</i> worm borings (Annelida: Siboglinidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 1429-1439.	0.8	13
26	A new eyeless species of <i>Neanthes</i> (Annelida: Nereididae) associated with a whale-fall community from the deep Southwest Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 27-34.	1.4	13
27	Three new species of the genus <i>Dendronotus</i> from Japan and Russia (Mollusca, Nudibranchia). <i>Zootaxa</i> , 2020, 4747, zootaxa.4747.3.4.	0.5	12
28	New species of bone-eating worm <i>Osedax</i> from the abyssal South Atlantic Ocean (Annelida, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	1.1	12
29	The complete mitochondrial genome sequence of the tubeworm <i>Lamellibrachia satsuma</i> and structural conservation in the mitochondrial genome control regions of Order Sabellida. <i>Marine Genomics</i> , 2016, 26, 63-71.	1.1	11
30	New records of callianassid ghost shrimp (Crustacea: Decapoda: Axiidea) from reducing environments in Kyushu, southwestern Japan. <i>Zootaxa</i> , 2012, 3271, 55.	0.5	10
31	New species of <i>Trophoniella</i> from Shimoda, Japan (Annelida, Flabelligeridae). <i>ZooKeys</i> , 2016, 614, 1-13.	1.1	10
32	Stable isotopic characterization of carbon, nitrogen and sulfur uptake of <i>Acharax japonica</i> from central Japan. <i>Plankton and Benthos Research</i> , 2008, 3, 36-41.	0.6	9
33	Detection of the Largest Deep-Sea-Endemic Teleost Fish at Depths of Over 2,000 m Through a Combination of eDNA Metabarcoding and Baited Camera Observations. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	9
34	Electrical Retrieval of Living Microorganisms from Cryopreserved Marine Sponges Using a Potential-Controlled Electrode. <i>Marine Biotechnology</i> , 2015, 17, 678-692.	2.4	8
35	Image dataset of ophiuroid and other deep sea benthic organisms in 2015 extracted from the survey off Sanriku, Japan, by the research following the Great East Japan Earthquake 2011. <i>Ecological Research</i> , 2018, 33, 285-285.	1.5	8
36	Cryptic fungal diversity revealed in deep-sea sediments associated with whale-fall chemosynthetic ecosystems. <i>Mycology</i> , 2020, 11, 263-278.	4.4	8

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37	A New Species of Bathyal Nemertean, <i>Proamphiporus</i> <i>kaimeiae</i>, sp. nov., off Tohoku, Japan, and Molecular Systematics of the Genus (Nemertea: Monostilifera). <i>Species Diversity</i> , 2020, 25, 183-188.	0.4	8
38	Deep-Sea Fish Fauna on the Seamounts of Southern Japan with Taxonomic Notes on the Observed Species. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1294.	2.6	8
39	Comprehensive Transcriptome Sequencing of Tanaidacea with Proteomic Evidences for Their Silk. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	8
40	Segment Regeneration in the Vestimentiferan Tubeworm, <i>Lamellibrachia satsuma</i> . <i>Zoological Science</i> , 2014, 31, 535.	0.7	7
41	<i>Sphaerodoropsis kitazatoi</i> , a new species and the first record of Sphaerodoridae (Annelida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 TJS Topical Studies in Oceanography, 2017, 146, 18-26.	1.4	7
42	Variation of geochemical environments associated with whale-fall biomass mineralization processes in the sediment during the mobile scavenger, enrichment opportunist, and sulfophilic stages. <i>Marine Biology</i> , 2018, 165, 1.	1.5	7
43	Deep-sea endemic fungi? The discovery of <i>Alisea longicolla</i> from artificially immersed wood in deep sea off the Nansei Islands, Japan. <i>Mycoscience</i> , 2019, 60, 228-231.	0.8	6
44	Dirivultidae (Copepoda: Siphonostomatoida) from hydrothermal vent fields in the Okinawa Trough, North Pacific Ocean, with description of one new species. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 1283-1298.	0.8	6
45	Discovery of a colossal slickhead (Alepocephaliformes: Alepocephalidae): an active-swimming top predator in the deep waters of Suruga Bay, Japan. <i>Scientific Reports</i> , 2021, 11, 2490.	3.3	6
46	Effects of food availability on growth and reproduction of the deep-sea pedunculate barnacle <i>Heteralepas canci</i> . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 108, 53-57.	1.4	5
47	A new gastropod associated with a deep-sea whale carcass from SÃ£o Paulo Ridge, Southwest Atlantic. <i>Zootaxa</i> , 2019, 4568, 347.	0.5	5
48	Unexpected low genetic differentiation between Japan and Bering Sea populations of a deep-sea benthic crustacean lacking a planktonic larval stage (Peracarida: Tanaidacea). <i>Biological Journal of the Linnean Society</i> , 2020, 131, 566-574.	1.6	5
49	First record of swimming speed of the Pacific sleeper shark <i>Somniosus pacificus</i> using a baited camera array. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2021, 101, 457-464.	0.8	5
50	Foraminiferal Ecology and Role in Nitrogen Benthic Cycle in the Hypoxic Southeastern Bering Sea. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	5
51	Occurrence and levels of polybrominated diphenyl ethers (PBDEs) in deep-sea sharks from Suruga Bay, Japan. <i>Marine Pollution Bulletin</i> , 2022, 176, 113427.	5.0	5
52	Description of a new species of the hippolytid shrimp genus <i>Eualus</i> Thallwitz, 1892 from Japan, and clarification of the status of <i>E. kikuchii</i> Miyake & Hayashi, 1967 (Crustacea: Decapoda: Caridea). <i>Zootaxa</i> , 2012, 3546, 68.	0.5	4
53	Molecular Phylogenetic Analysis of Chemosymbiotic Solemyidae and Thyasiridae. <i>Open Journal of Marine Science</i> , 2017, 07, 124-141.	0.5	4
54	A new species of <i>Nebalia</i> (Crustacea, Leptostraca) from a hydrothermal field in Kagoshima Bay, Japan. <i>ZooKeys</i> , 2019, 897, 1-18.	1.1	4

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55	A Novel Alveolate in Bivalves with Chemosynthetic Bacteria Inhabiting Deep-Sea Methane Seeps. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 158-165.	1.7	3
56	A New Species of <i>Protodrilus</i> (Annelida, Protodrilidae), Covering Bone Surfaces Bright Red, in Whale-Fall Ecosystems in the Northwest Pacific. <i>Biological Bulletin</i> , 2015, 229, 209-219.	1.8	3
57	<i>Diplocirrus nicolaji</i> (Annelida: Flabelligeridae) from Japan, detailed morphological observation and DNA barcoding. <i>Marine Biodiversity Records</i> , 2016, 9, .	1.2	3
58	Structural Comparison of Diplonemid Communities around the Izu Peninsula, Japan. <i>Microbes and Environments</i> , 2021, 36, n/a.	1.6	3
59	First in Situ Observations of Behavior in Deep-Sea Tanaidacean Crustaceans. <i>Zoological Science</i> , 2020, 37, 303.	0.7	3
60	Two new species of <i>Branchinotogluma</i> (Polynoidae: Annelida) from chemosynthesis-based ecosystems in Japan. <i>Zootaxa</i> , 2022, 5138, 17-30.	0.5	3
61	Long-term monitoring of seafloor environments, off Otsuchi and Kamaishi, Iwate, Japan. <i>Nippon Suisan Gakkaishi</i> , 2018, 84, 889-892.	0.1	2
62	New annelid species from the deepest known whale-fall environment: <i>Bathykermadeca thanatos</i> sp. nov. (Annelida: Polynoidae). <i>Zootaxa</i> , 2018, 4450, 575.	0.5	2
63	Dispersal Ability and Genetic Structure in Mytilid Mussels of Whale-Fall Communities. <i>Open Journal of Marine Science</i> , 2015, 05, 295-305.	0.5	2
64	<i>In situ</i> vital staining for chasing the galatheid crab <i>Shinkaia crosnieri</i> on deep-sea floor. <i>JAMSTEC Report of Research and Development</i> , 2018, 27, 87-97.	0.2	2
65	New record of a rarely collected caridean shrimp <i>Bathypalaemonella pandaloides</i> (Rathbun, 1906) (Decapoda: Bathypalaemonellidae) from the West Mariana Ridge, northwestern Pacific. <i>Zootaxa</i> , 2022, 5129, 272-284.	0.5	2
66	First record of <i>Erichthonius megalopus</i> (Sars, 1879) from bathyal Sagami Bay, central Japan, including synonymization of <i>Erichthonius tolli</i> Br��ggen, 1909 with <i>Erichthonius megalopus</i> (Crustacea: Amphipoda: Ischyroceridae). <i>Journal of Natural History</i> , 2011, 45, 2795-2814.	0.5	1
67	Development of 8m long range imaging technology for generation of wide area colour 3D seafloor reconstructions. , 2012, , .		1
68	First record of the doliolid genus <i>Paradoliopsis</i> in the Pacific Ocean. <i>Plankton and Benthos Research</i> , 2017, 12, 66-70.	0.6	1
69	Morphological and genetic confirmation of extensive distribution of a pelagic polychaete <i>Poeobius meseres</i> Heath, 1930 (Annelida Flabelligeridae). <i>Biodiversity Journal</i> , 2019, 10, 325-328.	0.2	1
70	<i>Lacydonia shohoensis</i> (Annelida, Lacydoniidae) sp. nov. – a new lacydonid species from deep-sea sunken wood discovered at the Nishi-Shichito Ridge, North-western Pacific Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 0, , 1-7.	0.8	1
71	Estimating Deep-Sea Fish Population Density From the Odour Extension Area: A Theoretical Basis and Comparison With the Conventional Methods. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	1
72	Whale-Fall Ecosystems and Two ‘Stepping Stone’ Hypotheses. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 2010, 20, 315-320.	0.0	0

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73	Debris by the huge Tsunami triggered by the Great East Japan Earthquake, Impact on the marine ecosystem. Nippon Suisan Gakkaishi, 2016, 82, 136-136.	0.1	0
74	Remarkable biodiversity of flabelligerids in Japan: seven new species of Diplocirrus (Annelida: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	0.5	0
75	Spatiotemporal changes in sunken debris off Miyagi after the 2011 off the Pacific coast of Tohoku Earthquake using information on debris collected by bottom trawls. Nippon Suisan Gakkaishi, 2018, 84, 885-888.	0.1	0
76	Static penetration test on deep-sea shark skins - reports on needle types and penetration forces for developing an autonomous <i>in situ</i> biopsy equipment. JAMSTEC Report of Research and Development, 2019, 28, 35-42.	0.2	0
77	Lacydoniidae (Annelida) Off the Coast of North-eastern Japan: A Description of sp. nov. Zoological Studies, 2020, 59, e28.	0.3	0
78	Four new species of <i>Ctenodrilus</i> , <i>Raphidrilus</i> , and <i>Raricirrus</i> (Cirratuliformia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	0