

# Takehito Yoshida

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

3,287

citations

23

h-index

57

g-index

69

ext. papers

3,727

ext. citations

5

avg, IF

4.85

L-index

#	Paper	IF	Citations
63	An economic value for ecosystem-based disaster risk reduction using paddy fields in the kasumitei open levee system. <i>Paddy and Water Environment</i> , <b>2022</b> , 20, 215	1.6	2
62	Long-term changes in morphological traits of <i>Daphnia pulex</i> in Lake Fukami-ike, Japan. <i>Limnology</i> , <b>2021</b> , 22, 329-336	1.7	0
61	Why species richness of plants and herbivorous insects do or do not correlate. <i>Ecological Research</i> , <b>2021</b> , 36, 258-265	1.9	1
60	A unified framework for herbivore-to-producer biomass ratio reveals the relative influence of four ecological factors. <i>Communications Biology</i> , <b>2021</b> , 4, 49	6.7	1
59	Long-term dynamics of a cladoceran community from an early stage of lake formation in Lake Fukami-ike, Japan. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 1240-1253	2.8	1
58	Size-selective predation accounts for intra- and inter-specific variation of inducible morphological defense of <i>Daphnia</i> . <i>Ecosphere</i> , <b>2020</b> , 11, e03192	3.1	3
57	The timescale of environmental fluctuations determines the competitive advantages of phenotypic plasticity and rapid evolution. <i>Population Ecology</i> , <b>2020</b> , 62, 385-394	2.1	0
56	Ecological and limnological bases for management of overgrown macrophytes: introduction to a special feature. <i>Limnology</i> , <b>2019</b> , 20, 1-2	1.7	7
55	Contrasting effects of land-use changes on herbivory and pollination networks. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 13585-13595	2.8	6
54	Predicting the distribution of released Oriental White Stork ( <i>Ciconia boyciana</i> ) in central Japan. <i>Ecological Research</i> , <b>2019</b> , 34, 277-285	1.9	6
53	Spatial heterogeneity in induced defense of <i>Brachionus calyciflorus</i> within a single lake caused by a bed of floating-leaved macrophyte <i>Trapa</i> species. <i>Limnology</i> , <b>2019</b> , 20, 29-38	1.7	1
52	A shady phytoplankton paradox: when phytoplankton increases under low light. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	9
51	Adaptations of the Early Jomon people in their settlement relocation to climate change around Lake Mikata, Central Japan. <i>Archaeological Research in Asia</i> , <b>2018</b> , 16, 66-77	1.9	0
50	Species-rich networks and eco-evolutionary synthesis at the metacommunity level. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 24	12.3	56
49	Interplay between microbial trait dynamics and population dynamics revealed by the combination of laboratory experiment and computational approaches. <i>Journal of Theoretical Biology</i> , <b>2017</b> , 419, 201-210	2.7	2
48	Filling the gaps in ecological studies of socioecological systems. <i>Ecological Research</i> , <b>2017</b> , 32, 873-885	1.9	7
47	Floating-leaved macrophyte ( <i>Trapa japonica</i> ) drastically changes seasonal dynamics of a temperate lake ecosystem. <i>Ecological Research</i> , <b>2016</b> , 31, 695-707	1.9	10

46	Seasonal pattern and induction cues of diel vertical migration of <i>Chaoborus flavicans</i> in Lake Fukami-ike, Nagano, Japan. <i>Ecological Research</i> , <b>2015</b> , 30, 145-152	1.9	3
45	Ecological resilience of population cycles: a dynamic perspective of regime shift. <i>Journal of Theoretical Biology</i> , <b>2015</b> , 370, 103-15	2.3	3
44	Form of an evolutionary tradeoff affects eco-evolutionary dynamics in a predator-prey system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16035-40	11.5	42
43	Heterogeneous distribution of a floating-leaved plant, <i>Trapa japonica</i> , in Lake Mikata, Japan, is determined by limitations on seed dispersal and harmful salinity levels. <i>Ecological Research</i> , <b>2014</b> , 29, 981-989	1.9	12
42	Timing and propagule size of invasion determine its success by a time-varying threshold of demographic regime shift. <i>Ecology</i> , <b>2014</b> , 95, 2303-15	4.6	17
41	Do Japanese eels recruit into the Japan Sea coast?: A case study in the Hayase River system, Fukui Japan. <i>Environmental Biology of Fishes</i> , <b>2014</b> , 97, 921-928	1.6	13
40	4. Investigate the origin of nutrients of fisheries resources by stable isotope analysis. <i>Nippon Suisan Gakkaishi</i> , <b>2014</b> , 80, 840-840	0.2	
39	Using stable nitrogen isotopes to evaluate the relative importance of external and internal nitrogen loadings on phytoplankton production in a shallow eutrophic lake (Lake Mikata, Japan). <i>Limnology and Oceanography</i> , <b>2014</b> , 59, 37-47	4.8	10
38	Challenges for complex microbial ecosystems: combination of experimental approaches with mathematical modeling. <i>Microbes and Environments</i> , <b>2013</b> , 28, 285-94	2.6	14
37	Non-random spatial coupling induces desynchronization, chaos and multistability in a predator-prey-resource system. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 300, 81-90	2.3	7
36	Influence of connectivity, habitat quality and invasive species on egg and larval distributions and local abundance of crucian carp in Japanese agricultural landscapes. <i>Biological Conservation</i> , <b>2011</b> , 144, 2081-2087	6.2	13
35	Comparing the effects of rapid evolution and phenotypic plasticity on predator-prey dynamics. <i>American Naturalist</i> , <b>2011</b> , 178, 287-304	3.7	57
34	Rapid contemporary evolution and clonal food web dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 364, 1579-91	5.8	83
33	Biological invasion as a natural experiment of the evolutionary processes: introduction of the special feature. <i>Ecological Research</i> , <b>2007</b> , 22, 849-854	1.9	34
32	Role of phytoplankton size distribution in lake ecosystems revealed by a comparison of whole plankton community structure between Lake Baikal and Lake Biwa. <i>Limnology</i> , <b>2007</b> , 8, 227-232	1.7	11
31	Cryptic population dynamics: rapid evolution masks trophic interactions. <i>PLoS Biology</i> , <b>2007</b> , 5, e235	9.7	169
30	A DIRECT, EXPERIMENTAL TEST OF RESOURCE VS. CONSUMER DEPENDENCE: REPLY. <i>Ecology</i> , <b>2007</b> , 88, 1603-1604	4.6	12
29	Prey evolution on the time scale of predator-prey dynamics revealed by allele-specific quantitative PCR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 10690-5	11.5	84

28	To sink or to be lysed? Contrasting fate of two large phytoplankton species in Lake Biwa. <i>Limnology and Oceanography</i> , <b>2006</b> , 51, 2775-2786	4.8	31
27	Ecological stoichiometry and the shape of resource-based tradeoffs. <i>Oikos</i> , <b>2006</b> , 112, 406-411	4	11
26	Threshold elemental ratios of carbon and phosphorus in aquatic consumers. <i>Ecology Letters</i> , <b>2006</b> , 9, 774-9	10	240
25	Ecology: mechanisms for consumer diversity. <i>Nature</i> , <b>2006</b> , 439, E1-2; discussion E2	50.4	1
24	Ecological and Evolutionary Dynamics of Experimental Plankton Communities. <i>Advances in Ecological Research</i> , <b>2005</b> , 37, 221-243	4.6	23
23	A DIRECT, EXPERIMENTAL TEST OF RESOURCE VS. CONSUMER DEPENDENCE. <i>Ecology</i> , <b>2005</b> , 86, 2924-2930	7.0	47
22	Rapid evolution and the convergence of ecological and evolutionary time. <i>Ecology Letters</i> , <b>2005</b> , 8, 1114-1127	11.27	651
21	Recent advances in ecological stoichiometry: insights for population and community ecology. <i>Oikos</i> , <b>2005</b> , 109, 29-39	4	147
20	The production-to-respiration ratio and its implication in Lake Biwa, Japan. <i>Ecological Research</i> , <b>2005</b> , 20, 367-375	1.9	20
19	Toward the understanding of complex population dynamics: planktonic community as a model system. <i>Ecological Research</i> , <b>2005</b> , 20, 511-518	1.9	14
18	The production-to-respiration ratio and its implication in Lake Biwa, Japan <b>2005</b> , 133-141		
17	Evolutionary trade-off between defence against grazing and competitive ability in a simple unicellular alga, <i>Chlorella vulgaris</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271, 1947-1953	7.43	141
16	Seasonal dynamics of primary production in the pelagic zone of southern Lake Baikal. <i>Limnology</i> , <b>2003</b> , 4, 53-62	1.7	19
15	Stay cool: habitat selection of a cyclopoid copepod in a north temperate oligotrophic lake. <i>Freshwater Biology</i> , <b>2003</b> , 48, 1551-1562	3.1	10
14	Rapid evolution drives ecological dynamics in a predator-prey system. <i>Nature</i> , <b>2003</b> , 424, 303-6	50.4	748
13	Assessment of Top-down and Bottom-up Forces as determinants of rotifer distribution among lakes in Ontario, Canada. <i>Ecological Research</i> , <b>2003</b> , 18, 639-650	1.9	55
12	Ecological stoichiometry in the microbial food web: a test of the light:nutrient hypothesis. <i>Aquatic Microbial Ecology</i> , <b>2003</b> , 31, 49-65	1.1	17
11	Direct and indirect effects of zooplankton on algal composition in in situ grazing experiments. <i>Oecologia</i> , <b>2002</b> , 133, 356-363	2.9	33

10	Herbivorous animals can mitigate unfavourable ratios of energy and material supplies by enhancing nutrient recycling. <i>Ecology Letters</i> , <b>2002</b> , 5, 177-185	10	74
9	Nutritional diagnosis of phytoplankton in Lake Baikal. <i>Ecological Research</i> , <b>2002</b> , 17, 135-142	1.9	18
8	REDUCED LIGHT INCREASES HERBIVORE PRODUCTION DUE TO STOICHIOMETRIC EFFECTS OF LIGHT/NUTRIENT BALANCE. <i>Ecology</i> , <b>2002</b> , 83, 619-627	4.6	104
7	Relative importance of biotic and abiotic factors affecting bacterial abundance in Lake Biwa: an empirical analysis. <i>Limnology</i> , <b>2001</b> , 2, 19-28	1.7	22
6	Analysis of the change in dominant phytoplankton species in unstratified Lake Oshima-Ohnuma estimated by a bottle incubation experiment. <i>Limnology</i> , <b>2001</b> , 2, 29-35	1.7	4
5	Effects of zooplankton on the sinking flux of organic carbon in Lake Biwa. <i>Limnology</i> , <b>2001</b> , 2, 37-43	1.7	26
4	Contrasting effects of a cladoceran ( <i>Daphnia galeata</i> ) and a calanoid copepod ( <i>Eodiaptomus japonicus</i> ) on algal and microbial plankton in a Japanese lake, Lake Biwa. <i>Oecologia</i> , <b>2001</b> , 129, 602-610	2.9	34
3	Seasonal succession of zooplankton in the north basin of Lake Biwa. <i>Aquatic Ecology</i> , <b>2001</b> , 35, 19-29	1.9	39
2	Diel changes in phagotrophy by <i>Cryptomonas</i> in Lake Biwa. <i>Limnology and Oceanography</i> , <b>2000</b> , 45, 1558-1563	4.15	42
1	Effects of phosphorus supply on phagotrophy by the mixotrophic alga <i>Uroglena americana</i> (Chrysophyceae). <i>Aquatic Microbial Ecology</i> , <b>1999</b> , 18, 77-83	1.1	20