

Kozo Watanabe

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

995
citations

567144

15
h-index

580701

25
g-index

106
all docs

106
docs citations

106
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of taxonomic and numerical resolution on DNA metabarcoding-based inference of benthic macroinvertebrate responses to river restoration. <i>Ecological Indicators</i> , 2022, 135, 108508.	2.6	3
2	Sediment-associated microbial community profiling: sample pre-processing through sequential membrane filtration for 16S rRNA amplicon sequencing. <i>BMC Microbiology</i> , 2022, 22, 33.	1.3	3
3	Notes on the taxonomic status and distribution of some <i>Cylindrotomidae</i> (Diptera, Tipuloidea), with emphasis on Japanese species. <i>ZooKeys</i> , 2022, 1083, 13-88.	0.5	1
4	Temporal Correlation Between Urban Microclimate, Vector Mosquito Abundance, and Dengue Cases. <i>Journal of Medical Entomology</i> , 2022, 59, 1008-1018.	0.9	6
5	Spatially varying trophic effects of reservoir-derived plankton on stream macroinvertebrates among heterogeneous habitats within reaches. <i>Hydrobiologia</i> , 2022, 849, 2503-2520.	1.0	2
6	Knowledge, attitudes, and practices regarding tick-borne diseases among an at-risk population living in Niigata prefecture, Japan. <i>PLoS ONE</i> , 2022, 17, e0270411.	1.1	0
7	Wing geometry and genetic analyses reveal contrasting spatial structures between male and female <i>Aedes aegypti</i> (L.) (Diptera: Culicidae) populations in metropolitan Manila, Philippines. <i>Infection, Genetics and Evolution</i> , 2021, 87, 104676.	1.0	8
8	Spotted fever group rickettsiae (SFGR) detection in ticks following reported human case of Japanese spotted fever in Niigata Prefecture, Japan. <i>Scientific Reports</i> , 2021, 11, 2595.	1.6	12
9	The influence of roads on the fine-scale population genetic structure of the dengue vector <i>Aedes aegypti</i> (Linnaeus). <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009139.	1.3	13
10	Early Detection of Dengue Fever Outbreaks Using a Surveillance App (Mozzify): Cross-sectional Mixed Methods Usability Study. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e19034.	1.2	12
11	Spatial and temporal analysis of hospitalized dengue patients in Bandung: demographics and risk. <i>Tropical Medicine and Health</i> , 2021, 49, 44.	1.0	7
12	<i>Candida albicans</i> Biofilm Inhibition by Ethnobotanicals and Ethnobotanically-Synthesized Gold Nanoparticles. <i>Frontiers in Microbiology</i> , 2021, 12, 665113.	1.5	10
13	Diversity and distribution of ticks in Niigata prefecture, Japan (2016–2018): Changes since 1950. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101683.	1.1	8
14	Intracellular Interactions Between Arboviruses and <i>Wolbachia</i> in <i>Aedes aegypti</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 690087.	1.8	12
15	Next Generation of AMR Network. <i>Encyclopedia</i> , 2021, 1, 871-892.	2.4	4
16	Carotenoid coloration and coloration-linked gene expression in red tilapia (<i>Oreochromis</i> sp.) tissues. <i>BMC Veterinary Research</i> , 2021, 17, 314.	0.7	6
17	Profiling the microbial community structure and functional diversity of a dam-regulated river undergoing gravel bar restoration. <i>Freshwater Biology</i> , 2021, 66, 2170-2184.	1.2	5
18	Dengue disease dynamics are modulated by the combined influences of precipitation and landscape: A machine learning approach. <i>Science of the Total Environment</i> , 2021, 792, 148406.	3.9	19

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19	Comparative population genetic structure of two ixodid tick species (Acari:Ixodidae) (<i>Ixodes ovatus</i>) Tj ETQq1 1 0.784314 rgBT /Overbo 104999.	1.0	4
20	Acute oral toxicity assessment of ethanolic extracts of <i>Antidesma bunius</i> (L.) Spreng fruits in mice. Toxicology Reports, 2021, 8, 1289-1299.	1.6	4
21	A Bioclimate-Based Maximum Entropy Model for <i>Comperiella calauanica</i> Barrion, Almarinez and Amalin (Hymenoptera: Encyrtidae) in the Philippines. Insects, 2021, 12, 26.	1.0	9
22	Loss of a larval generic character: an interesting and new description for <i>Isoperla vevcianensis</i> Ikononov, 1980 (Plecoptera: Perlodidae) with updated adult characters. Zootaxa, 2021, 5082, 541-552.	0.2	0
23	Depressive and Anxiety Symptoms among Pediatric In-Patients with Dengue Fever: A Case-Control Study. International Journal of Environmental Research and Public Health, 2020, 17, 99.	1.2	10
24	A new species of Protonemura Kempny, 1898 (Plecoptera: Nemouridae) from the Ishizuchi range, Shikoku, Japan. Zootaxa, 2020, 4718, 57-66.	0.2	0
25	Spatial genetic structure of the invasive tree <i>Robinia pseudoacacia</i> to determine migration patterns to inform best practices for riparian restoration. AoB PLANTS, 2020, 12, plaa043.	1.2	2
26	Machineâ€learningâ€based detection of adaptive divergence of the stream mayfly <i>Ephemera strigata</i> populations. Ecology and Evolution, 2020, 10, 6677-6687.	0.8	2
27	Surveillance of dengue virus in individual <i>Aedes aegypti</i> mosquitoes collected concurrently with suspected human cases in Tarlac City, Philippines. Parasites and Vectors, 2020, 13, 594.	1.0	20
28	Simulation modeling reveals the evolutionary role of landscape shape and species dispersal on genetic variation within a metapopulation. Ecography, 2020, 43, 1891-1901.	2.1	7
29	Branching networks can have opposing influences on genetic variation in riverine metapopulations. Diversity and Distributions, 2020, 26, 1813-1824.	1.9	11
30	Biological Control: A Major Component of the Pest Management Program for the Invasive Coconut Scale Insect, <i>Aspidiotus rigidus</i> Reyne, in the Philippines. Insects, 2020, 11, 745.	1.0	9
31	Fine-scale population genetic structure of dengue mosquito vector, <i>Aedes aegypti</i> , in Metropolitan Manila, Philippines. PLoS Neglected Tropical Diseases, 2020, 14, e0008279.	1.3	22
32	Quorum Sensing-Linked <i>agrA</i> Expression by Ethno-Synthesized Gold Nanoparticles in <i>Tilapia Streptococcus agalactiae</i> Biofilm Formation. BioNanoScience, 2020, 10, 696-704.	1.5	1
33	A remarkable new genus and species of Nemourinae (Plecoptera, Nemouridae) from Sichuan, China, with systematic notes on the related genera. PLoS ONE, 2020, 15, e0229120.	1.1	3
34	Evaluation of Health Information System (HIS) in The Surveillance of Dengue in Indonesia: Lessons from Case in Bandung, West Java. International Journal of Environmental Research and Public Health, 2020, 17, 1795.	1.2	8
35	Remarkable anoxia tolerance by stoneflies from a floodplain aquifer. Ecology, 2020, 101, e03127.	1.5	12
36	An Integrated mHealth App for Dengue Reporting and Mapping, Health Communication, and Behavior Modification: Development and Assessment of Mozzify. JMIR Formative Research, 2020, 4, e16424.	0.7	15

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37	Detection of Wolbachia in field-collected <i>Aedes aegypti</i> mosquitoes in metropolitan Manila, Philippines. <i>Parasites and Vectors</i> , 2019, 12, 361.	1.0	38
38	Genome-wide signatures of local adaptation among seven stoneflies species along a nationwide latitudinal gradient in Japan. <i>BMC Genomics</i> , 2019, 20, 84.	1.2	16
39	Comparison of DNA metabarcoding and morphological identification for stream macroinvertebrate biodiversity assessment and monitoring. <i>Ecological Indicators</i> , 2019, 101, 963-972.	2.6	47
40	Unraveling the Genetic Structure of the Coconut Scale Insect Pest (<i>Aspidiotus rigidus</i> Reyne) Outbreak Populations in the Philippines. <i>Insects</i> , 2019, 10, 374.	1.0	6
41	Knowledge, Attitude, and Practices Regarding Dengue Fever among Pediatric and Adult In-Patients in Metro Manila, Philippines. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4705.	1.2	14
42	Molecular phylogeny and diversification timing of the Nemouridae family (Insecta, Plecoptera) in the Japanese Archipelago. <i>PLoS ONE</i> , 2019, 14, e0210269.	1.1	13
43	An Ecological Context Toward Understanding Dengue Disease Dynamics in Urban Cities: A Case Study in Metropolitan Manila, Philippines. , 2019, , 117-131.		5
44	Disinfection as a Selection Pressure on RNA Virus Evolution. <i>Environmental Science & Technology</i> , 2018, 52, 2434-2435.	4.6	3
45	Macroinvertebrate Community in Subsurface-Flow Constructed Wetlands for Wastewater Treatment under High and Low Pollutant Stress in China. <i>Wetlands</i> , 2018, 38, 391-399.	0.7	0
46	Free-Chlorine Disinfection as a Selection Pressure on Norovirus. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	23
47	Using Google Trends to Examine the Spatio-Temporal Incidence and Behavioral Patterns of Dengue Disease: A Case Study in Metropolitan Manila, Philippines. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 118.	0.9	15
48	Ecological influence of sediment bypass tunnels on macroinvertebrates in dam-fragmented rivers by DNA metabarcoding. <i>Scientific Reports</i> , 2018, 8, 10185.	1.6	28
49	Machine learning methods reveal the temporal pattern of dengue incidence using meteorological factors in metropolitan Manila, Philippines. <i>BMC Infectious Diseases</i> , 2018, 18, 183.	1.3	87
50	Detection and distribution of Wolbachia endobacteria in <i>Culex quinquefasciatus</i> populations (Diptera) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.1	7
51	Comparative tests of the speciesâ€genetic diversity correlation at neutral and nonneutral loci in four species of stream insect. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1755-1764.	1.1	12
52	New species and records of Leuctridae (Plecoptera) from Guangxi, China, on the basis of morphological and molecular data, with emphasis on <i>Rhopalopsola</i> . <i>Zootaxa</i> , 2017, 4243, 165.	0.2	11
53	Differences in protein expression among five species of stream stonefly (Plecoptera) along a latitudinal gradient in Japan. <i>Archives of Insect Biochemistry and Physiology</i> , 2017, 96, e21422.	0.6	10
54	Catchmentâ€scale modeling of riverine species diversity using hydrological simulation: application to tests of speciesâ€genetic diversity correlation. <i>Ecohydrology</i> , 2017, 10, e1778.	1.1	11

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55	Identification of Outlier Loci Responding to Anthropogenic and Natural Selection Pressure in Stream Insects Based on a Self-Organizing Map. <i>Water (Switzerland)</i> , 2016, 8, 188.	1.2	5
56	Comparative assessment of primary and secondary infection risks in a norovirus outbreak using a household model simulation. <i>Journal of Environmental Sciences</i> , 2016, 50, 13-20.	3.2	5
57	EVALUATING SPATIAL PATTERN OF STREAM INTEGRITY USING A HYDROLOGICAL MODEL AND HABITAT MODELS OF BENTHIC ANIMALS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic)</i> Tj ETQq1 1 0.7843140rgBT /Overlock 100f 50 617	0.1	0
58	Multispecies assessment of genetic differentiation of aquatic insects in intermittent river revealed by next-generation sequencing. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental)</i> Tj ETQq0 0 0 rgBT /Overlock 100f 50 617	0.1	0
59	Metabarcoding-based Assessment of Community Structures of Stream Invertebrates in Rivers Fragmented by Dams with Sediment Bypass Tunnels. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2016, 72, III_559-III_566.	0.1	1
60	Spatial analysis of wing geometry in dengue vector mosquito, <i>Aedes aegypti</i> (L.) (Diptera: Culicidae), populations in Metropolitan Manila, Philippines. <i>Journal of Vector Borne Diseases</i> , 2016, 53, 127-35.	0.1	18
61	Effect of habitat fragmentation by Dams and Intermittent River on Dispersal of Freshwater Insect <i>Epeorus latifolium</i> . <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2015, 71, III_115-III_121.	0.1	0
62	A hydrothermal simulation approach to modelling spatial patterns of adaptive genetic variation in four stream insects. <i>Journal of Biogeography</i> , 2015, 42, 103-113.	1.4	12
63	Adaptive Genetic Divergence along Narrow Environmental Gradients in Four Stream Insects. <i>PLoS ONE</i> , 2014, 9, e93055.	1.1	29
64	Effects on river macroinvertebrate communities of tsunami propagation after the 2011 Great East Japan Earthquake. <i>Freshwater Biology</i> , 2014, 59, 1474-1483.	1.2	9
65	Fine-scale dispersal in a stream caddisfly inferred from spatial autocorrelation of microsatellite markers. <i>Freshwater Science</i> , 2014, 33, 172-180.	0.9	25
66	ASSOCIATION OF GENETIC DIVERSITY AND HABITAT SUITABILITY IN AQUATIC ANIMALS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_1405-I_1410.	0.0	0
67	Effects of predation pressure and resource use on morphological divergence in omnivorous prey fish. <i>BMC Evolutionary Biology</i> , 2013, 13, 132.	3.2	31
68	PREDICTION OF SPATIAL GENETIC DIVERSITY DISTRIBUTION FROM HSI BASED SPECIES DIVERSITY. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2013, 69, I_1303-I_1308.	0.0	0
69	EVALUATION OF RELATIONSHIPS BETWEEN HSI BASED SPECIES DIVERSITY AND GENETIC DIVERSITY OF RIVERINE ANIMALS. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2012, 68, III_603-III_610.	0.1	0
70	Delineation of habitat structure in rivers using a high precision GPS for conservation of species diversity of invertebrate communities. <i>Ecology and Civil Engineering</i> , 2012, 15, 121-130.	0.1	2
71	Dispersal ability determines the genetic effects of habitat fragmentation in three species of aquatic insect. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, 574-579.	0.9	38
72	Permanent Genetic Resources added to Molecular Ecology Resources database 1 January 2009â€“30 April 2009. <i>Molecular Ecology Resources</i> , 2009, 9, 1375-1379.	2.2	64

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73	Evaluation of Dispersal Pattern of <i>Stenopsyche Marmorata</i> in a Basin-Scale Using DNA Polymorphic Markers. <i>Journal of Japan Society on Water Environment</i> , 2009, 32, 253-258.	0.1	2
74	Fine Sediment Deposition by Floods on the Upstream of a Weir with a Channel Bend. , 2009, , 815-820.		0
75	Longitudinal patterns of genetic diversity and larval density of the riverine caddisfly <i>Hydropsyche orientalis</i> (Trichoptera). <i>Aquatic Sciences</i> , 2008, 70, 377-387.	0.6	14
76	Biodilution of heavy metals in a stream macroinvertebrate food web: Evidence from stable isotope analysis. <i>Science of the Total Environment</i> , 2008, 394, 57-67.	3.9	66
77	Trophic structure of stream macroinvertebrate communities revealed by stable isotope analysis. <i>Water Science and Technology</i> , 2008, 58, 503-512.	1.2	3
78	Relationship between reservoir size and genetic differentiation of the stream caddisfly <i>Stenopsyche marmorata</i> . <i>Biological Conservation</i> , 2007, 136, 203-211.	1.9	18
79	Stochastic model for recovery prediction of macroinvertebrates following a pulse-disturbance in river. <i>Ecological Modelling</i> , 2005, 189, 396-412.	1.2	9
80	Haplotype-level DNA metabarcoding from freshwater macroinvertebrate community samples. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	0
81	Contribution to the knowledge of Limoniidae (Diptera: Tipuloidea): first records of 244 species from various European countries. <i>Biodiversity Data Journal</i> , 0, 9, .	0.4	9