

# Toshihide Hirao

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

584  
citations

567144

15  
h-index

642610

23  
g-index

38  
all docs

38  
docs citations

38  
times ranked

878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beta diversity of woody plants in the Japanese archipelago: the roles of geohistorical and ecological processes. <i>Journal of Biogeography</i> , 2014, 41, 1267-1276.	1.4	58
2	Seasonal Dynamics of Soil Fungal and Bacterial Communities in Cool-Temperate Montane Forests. <i>Frontiers in Microbiology</i> , 2019, 10, 1944.	1.5	56
3	Importance of the understory stratum to entomofaunal diversity in a temperate deciduous forest. <i>Ecological Research</i> , 2009, 24, 263-272.	0.7	37
4	Plant functional diversity and soil properties control elevational diversity gradients of soil bacteria. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	37
5	Effects of treefall gaps created by windthrow on bat assemblages in a temperate forest. <i>Forest Ecology and Management</i> , 2011, 261, 1546-1552.	1.4	34
6	Quantitative food webs of lepidopteran leafminers and their parasitoids in a Japanese deciduous forest. <i>Ecological Research</i> , 2008, 23, 159-168.	0.7	32
7	Additive apportioning of lepidopteran and coleopteran species diversity across spatial and temporal scales in a cool-temperate deciduous forest in Japan. <i>Ecological Entomology</i> , 2007, 32, 627-636.	1.1	27
8	Geographical patterns of butterfly species diversity in the subtropical Ryukyu Islands: the importance of a unidirectional filter between two source islands. <i>Journal of Biogeography</i> , 2015, 42, 1418-1430.	1.4	27
9	Scale-dependent effects of windthrow disturbance on forest arthropod communities. <i>Ecological Research</i> , 2008, 23, 189-196.	0.7	26
10	Beta-diversity of lepidopteran larval communities in a Japanese temperate forest: effects of phenology and tree species. <i>Ecological Research</i> , 2008, 23, 179-187.	0.7	21
11	Phylogenetic beta diversity reveals historical effects in the assemblage of the tree floras of the Ryukyu Archipelago. <i>Journal of Biogeography</i> , 2011, 38, 1006-1008.	1.4	21
12	Effects of phylogeny, leaf traits, and the altitudinal distribution of host plants on herbivore assemblages on congeneric <i>Acer</i> species. <i>Oecologia</i> , 2014, 175, 1237-1245.	0.9	20
13	Comparison of lepidopteran larval communities among tree species in a temperate deciduous forest, Japan. <i>Ecological Entomology</i> , 2007, 32, 613-620.	1.1	19
14	Effects of habitat configuration on host-parasitoid food web structure. <i>Ecological Research</i> , 2008, 23, 1039-1049.	0.7	18
15	Effects of mobility on daily attraction to light traps: comparison between lepidopteran and coleopteran communities. <i>Insect Conservation and Diversity</i> , 2008, 1, 32-39.	1.4	17
16	Saprotrophic and ectomycorrhizal fungi exhibit contrasting richness patterns along elevational gradients in cool-temperate montane forests. <i>Fungal Ecology</i> , 2021, 50, 101036.	0.7	15
17	Phylogenetic constraints to soil properties determine elevational diversity gradients of forest understory vegetation. <i>Plant Ecology</i> , 2017, 218, 821-834.	0.7	12
18	Functional spatial scale of community composition change in response to windthrow disturbance in a deciduous temperate forest. <i>Ecological Research</i> , 2008, 23, 249-258.	0.7	11

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19	Lizard predation alters the effect of habitat area on the species richness of insect assemblages on Bahamian isles. <i>Diversity and Distributions</i> , 2010, 16, 952-958.	1.9	9
20	Comparison of Sapwood Discoloration in Fagaceae Trees After Inoculation with Isolates of <i>Raffaelea quercivora</i> , Cause of Mass Mortality of Japanese Oak Trees. <i>Plant Disease</i> , 2015, 99, 225-230.	0.7	9
21	International Biodiversity Observation Year in Western-Pacific and Asian regions (DIWPA-IBOY): a case report on species rarity and spatio-temporal variability of species composition in Lepidoptera and Coleoptera communities from a temperate forest of northern Japan. <i>Ecological Research</i> , 2006, 21, 811-818.	0.7	8
22	Planktonic Bacterial Communities in Mountain Lake Ecosystems. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2016, , 145-169.	0.1	8
23	Effects of windthrow disturbance on a forest bird community depend on spatial scale. <i>Basic and Applied Ecology</i> , 2008, 9, 762-770.	1.2	7
24	Discoloration induced by <i>Raffaelea quercivora</i> isolates in <i>Quercus serrata</i> logs and its relation to phylogeny: a comparison among isolates with and without the Japanese oak wilt incidence including outside of Japan. <i>Journal of Forest Research</i> , 2014, 19, 404-410.	0.7	7
25	Nestedness of insect assemblages on small Bahamian islands: importance of spatial processes. <i>Insect Conservation and Diversity</i> , 2010, 3, 229-235.	1.4	6
26	Species abundance distributions of moth and beetle assemblages in a cool-temperate deciduous forest. <i>Insect Conservation and Diversity</i> , 2013, 6, 494-501.	1.4	5
27	Species diversity estimation of ambrosia and bark beetles in temperate mixed forests in Japan based on host phylogeny and specificity. <i>Ecological Research</i> , 2014, 29, 299-307.	0.7	5
28	Inter- and Intraspecific Patterns in Resprouting of Trees in Undisturbed Natural Forests along an Elevational Gradient in Central Japan. <i>Forests</i> , 2018, 9, 672.	0.9	5
29	Influence of understory vegetation on soil bacterial communities and nitrogen cycling gene abundance in cool-temperate and sub-alpine forests along an elevational gradient. <i>Pedobiologia</i> , 2021, 87-88, 150746.	0.5	5
30	Development and Evaluation of Microsatellite Markers for the Critically Endangered Birch <i>Betula chichibuensis</i> (Betulaceae). <i>Applications in Plant Sciences</i> , 2017, 5, 1700016.	0.8	4
31	A paradox of latitudinal leaf defense strategies in deciduous and evergreen broadleaved trees. <i>Ecological Research</i> , 2018, 33, 1011-1017.	0.7	4
32	Investigating the factors influencing trap capture of bark and ambrosia beetles using long-term trapping data in a cool temperate forest in central Japan. <i>Journal of Forest Research</i> , 2020, 25, 163-173.	0.7	4
33	Inter-taxonomic differences in bacterioplankton community assembly in oligotrophic mountain lakes of east Japan. <i>Aquatic Microbial Ecology</i> , 2015, 75, 251-257.	0.9	3
34	Recruitment drives successional changes in the community-level leaf mass per area in a winter-deciduous broadleaf forest. <i>Journal of Vegetation Science</i> , 2018, 29, 756-764.	1.1	2
35	Role of fallen logs in maintaining the species diversity of understory vascular plants in a mixed coniferous and broad-leaved forest in Hokkaido, northern Japan. <i>Forest Ecology and Management</i> , 2019, 448, 249-255.	1.4	2
36	Assessing insect herbivory on broadleaf canopy trees at 19 natural forest sites across Japan. <i>Ecological Research</i> , 2021, 36, 562-572.	0.7	2

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37	Characterization of the complete chloroplast genome of <i>Betula chichibuensis</i> (Betulaceae), a critically endangered limestone birch. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2166-2167.	0.2	1