

# Nobuo Imai

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,446  
citations

567247

15  
h-index

395678

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019, 569, 404-408.	27.8	371
2	An estimate of the number of tropical tree species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7472-7477.	7.1	335
3	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	7.1	144
4	Co-Benefits of Sustainable Forest Management in Biodiversity Conservation and Carbon Sequestration. <i>PLoS ONE</i> , 2009, 4, e8267.	2.5	103
5	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
6	Effects of selective logging on tree species diversity and composition of Bornean tropical rain forests at different spatial scales. <i>Plant Ecology</i> , 2012, 213, 1413-1424.	1.6	55
7	Effects of nitrogen and phosphorus fertilization on the activities of four different classes of fine-root and soil phosphatases in Bornean tropical rain forests. <i>Plant and Soil</i> , 2017, 416, 463-476.	3.7	54
8	Factors affecting forest area change in Southeast Asia during 1980-2010. <i>PLoS ONE</i> , 2018, 13, e0197391.	2.5	39
9	Tree community composition as an indicator in biodiversity monitoring of REDD+. <i>Forest Ecology and Management</i> , 2014, 313, 169-179.	3.2	38
10	Gap formation and regeneration of tropical mangrove forests in Ranong, Thailand. <i>Plant Ecology</i> , 2006, 186, 37-46.	1.6	29
11	Distribution of phosphorus in an above-to-below-ground profile in a Bornean tropical rain forest. <i>Journal of Tropical Ecology</i> , 2010, 26, 627-636.	1.1	26
12	Ecological significance of the patches dominated by pioneer trees for the regeneration of dipterocarps in a Bornean logged-over secondary forest. <i>Forest Ecology and Management</i> , 2013, 289, 378-384.	3.2	23
13	Effects of nitrogen and phosphorus fertilization on the ratio of activities of carbon-acquiring to nitrogen-acquiring enzymes in a primary lowland tropical rainforest in Borneo, Malaysia. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 554-557.	1.9	18
14	Large-Scale Mapping of Tree-Community Composition as a Surrogate of Forest Degradation in Bornean Tropical Rain Forests. <i>Land</i> , 2016, 5, 45.	2.9	17
15	Biodiversity Observation for Land and Ecosystem Health (BOLEH): A Robust Method to Evaluate the Management Impacts on the Bundle of Carbon and Biodiversity Ecosystem Services in Tropical Production Forests. <i>Sustainability</i> , 2018, 10, 4224.	3.2	12
16	The mixing ratio of tree functional groups as a new index for biodiversity monitoring in Bornean production forests. <i>Forest Ecology and Management</i> , 2017, 403, 27-43.	3.2	12
17	Growth, crown architecture and leaf dynamics of saplings of five mangrove tree species in Ranong, Thailand. <i>Marine Ecology - Progress Series</i> , 2009, 377, 139-148.	1.9	10
18	Abrupt increase in phosphorus and potassium fluxes during a masting event in a Bornean tropical forest. <i>Ecological Research</i> , 2018, 33, 1193-1205.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Interspecific differences in the responses of root phosphatase activities and morphology to nitrogen and phosphorus fertilization in Bornean tropical rain forests. <i>Ecology and Evolution</i> , 2022, 12, e8669.	1.9	7
20	A preliminary report: does reduced impact logging (RIL) mitigate non-CO <sub>2</sub> greenhouse gas emissions from natural production forests?. <i>Tropics</i> , 2018, 27, 25-31.	0.8	6
21	Mapping the Spatial Distribution of Fern Thickets and Vine-Laden Forests in the Landscape of Bornean Logged-Over Tropical Secondary Rainforests. <i>Remote Sensing</i> , 2022, 14, 3354.	4.0	6
22	Management History of the Study Sites: The Deramakot and Tangkulap Forest Reserves. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2012, , 1-21.	0.5	5
23	Response of tree species diversity to disturbance in humid tropical forests of Borneo. <i>Journal of Vegetation Science</i> , 2016, 27, 739-748.	2.2	5
24	Soil nutrients and size-dependent tree dynamics of tropical lowland forests on volcanic and sedimentary substrates in Sabah, Malaysian Borneo. <i>Tropics</i> , 2016, 25, 43-52.	0.8	5
25	Impacts of selective logging on spatial structure of tree species composition in Bornean tropical rain forests. <i>Journal of Forest Research</i> , 2019, 24, 335-340.	1.4	5
26	Recovery of tree community composition across different types of anthropogenic disturbances and characterization of their effect using Landsat time series in Bornean tropical montane forest. <i>Biological Conservation</i> , 2022, 267, 109489.	4.1	4
27	Relationships between tree-community composition and regeneration potential of <i>Shorea</i> trees in logged-over tropical rain forests. <i>Journal of Forest Research</i> , 2022, 27, 222-229.	1.4	4
28	Management Effects on Tree Species Diversity and Dipterocarp Regeneration. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2012, , 41-61.	0.5	2
29	Litterfall silicon flux in relation to vegetation differences in old-growth and logged lowland forests in Borneo. <i>Ecological Research</i> , 2021, 36, 892-900.	1.5	2
30	Ecological management of insular forests: conservation of endangered species and native ecosystems in Ryukyu Archipelago. <i>Journal of Forest Research</i> , 2021, 26, 169-170.	1.4	1