

# Nobukazu Nakagoshi

## List of Publications by Year in descending order

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106  
papers

3,914  
citations

172457

29  
h-index

133252

59  
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110  
all docs

110  
docs citations

110  
times ranked

3776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban green space network development for biodiversity conservation: Identification based on graph theory and gravity modeling. <i>Landscape and Urban Planning</i> , 2010, 95, 16-27.	7.5	436
2	Using GIS and landscape metrics in the hedonic price modeling of the amenity value of urban green space: A case study in Jinan City, China. <i>Landscape and Urban Planning</i> , 2007, 79, 240-252.	7.5	386
3	An ecosystem service value assessment of land-use change on Chongming Island, China. <i>Land Use Policy</i> , 2004, 21, 139-148.	5.6	306
4	Spatial-temporal gradient analysis of urban green spaces in Jinan, China. <i>Landscape and Urban Planning</i> , 2006, 78, 147-164.	7.5	251
5	Urbanization and green space dynamics in Greater Dhaka, Bangladesh. <i>Landscape and Ecological Engineering</i> , 2012, 8, 45-58.	1.5	187
6	Changes in landscape spatial pattern in the highly developing state of Selangor, peninsular Malaysia. <i>Landscape and Urban Planning</i> , 2006, 77, 263-275.	7.5	132
7	Forest fragmentation and its correlation to human land use change in the state of Selangor, peninsular Malaysia. <i>Forest Ecology and Management</i> , 2007, 241, 39-48.	3.2	119
8	Application of land suitability analysis and landscape ecology to urban greenspace planning in Hanoi, Vietnam. <i>Urban Forestry and Urban Greening</i> , 2008, 7, 25-40.	5.3	117
9	Riparian landscape changes over a period of 46 years, on the Azusa River in Central Japan. <i>Landscape and Urban Planning</i> , 1997, 37, 37-43.	7.5	76
10	Simulating urban growth processes incorporating a potential model with spatial metrics. <i>Ecological Indicators</i> , 2012, 20, 82-91.	6.3	68
11	Analyzing urban green space pattern and eco-network in Hanoi, Vietnam. <i>Landscape and Ecological Engineering</i> , 2007, 3, 143-157.	1.5	66
12	Influence of cultural factors on landscapes of mountainous farm villages in western Japan. <i>Landscape and Urban Planning</i> , 1997, 37, 85-90.	7.5	64
13	Impact of land use change on groundwater recharge in Guishui River Basin, China. <i>Chinese Geographical Science</i> , 2011, 21, 734-743.	3.0	60
14	Expansion of bamboo forests caused by reduced bamboo shoot harvest under different natural and artificial conditions. <i>Ecological Research</i> , 2008, 23, 641-647.	1.5	56
15	Human impacts on pine-dominated vegetation in rural landscapes in Korea and western Japan. <i>Plant Ecology</i> , 1995, 116, 161-172.	1.2	54
16	Landscape structure and the disturbance regime at three rural regions in Hiroshima Prefecture, Japan. <i>Landscape Ecology</i> , 1996, 11, 15-25.	4.2	52
17	Microbial biomass and abundance after forest fire in pine forests in Japan. <i>Ecological Research</i> , 2003, 18, 431-441.	1.5	48
18	Gnawing damage by rodents to the seedlings of <i>Fagus crenata</i> and <i>Quercus mongolica</i> var. <i>grosseserrata</i> in a temperate <i>Sasa</i> grassland-deciduous forest series in southwestern Japan. <i>Ecological Research</i> , 1996, 11, 97-103.	1.5	46

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19	Regional landscape change as a consequence of plantation forestry expansion: an example in the Nelson region, New Zealand. <i>Forest Ecology and Management</i> , 2002, 163, 245-261.	3.2	42
20	Soil microbial biomass, abundance, and diversity in a Japanese red pine forest: first year after fire. <i>Journal of Forest Research</i> , 2006, 11, 165-173.	1.4	40
21	Simultaneous spectrophotometric determination of phosphate and silicate ions in river water by using ion-exclusion chromatographic separation and post-column derivatization. <i>Analytica Chimica Acta</i> , 2008, 619, 110-114.	5.4	40
22	Patterns and levels of gene flow in <i>Rhododendron metternichii</i> var. <i>hondoense</i> revealed by microsatellite analysis. <i>Molecular Ecology</i> , 2001, 10, 205-216.	3.9	39
23	Shaping of genetic structure along Pleistocene and modern river systems in the hydrochorous riparian azalea, <i>Rhododendron ripense</i> (Ericaceae). <i>American Journal of Botany</i> , 2009, 96, 1532-1543.	1.7	39
24	State and management of wetlands in Bangladesh. <i>Landscape and Ecological Engineering</i> , 2009, 5, 81-90.	1.5	38
25	Evaluation of the energy efficiency of combined cycle gas turbine. Case study of Tashkent thermal power plant, Uzbekistan. <i>Applied Thermal Engineering</i> , 2016, 103, 501-509.	6.0	35
26	Influence of erosion on soil microbial biomass, abundance and community diversity. <i>Land Degradation and Development</i> , 2004, 15, 183-195.	3.9	34
27	Ecological and social evaluation of landscape in a rural area with terraced paddies in southwestern Japan. <i>Landscape and Urban Planning</i> , 2005, 70, 301-313.	7.5	33
28	Potential for rice straw ethanol production in the Mekong Delta, Vietnam. <i>Renewable Energy</i> , 2015, 74, 456-463.	8.9	31
29	Vertical and seasonal distribution of flying beetles in a suburban temperate deciduous forest collected by water pan trap. <i>Insect Science</i> , 2005, 12, 199-206.	3.0	30
30	Responses of ( <i>Rottb.</i> ) Hassk. and Endl. to varying soil water availability. <i>Environmental and Experimental Botany</i> , 2005, 53, 259-269.	4.2	30
31	Changes in agricultural landscape pattern and its spatial relationship with forestland in the State of Selangor, peninsular Malaysia. <i>Landscape and Urban Planning</i> , 2008, 87, 147-155.	7.5	30
32	Perceptions and Pesticides Use Practices of Rice Farmers in Hiroshima Prefecture, Japan. <i>Agroecology and Sustainable Food Systems</i> , 2003, 22, 5-30.	0.9	29
33	Effects of <i>Azolla</i> species on weed emergence in a rice paddy ecosystem. <i>Weed Biology and Management</i> , 2005, 5, 176-183.	1.4	29
34	Estimation of the potential of rice straw for ethanol production and the optimum facility size for different regions in Vietnam. <i>Applied Energy</i> , 2012, 93, 205-211.	10.1	27
35	Microbial responses to organic and inorganic amendments in eroded soil. <i>Land Degradation and Development</i> , 2006, 17, 321-332.	3.9	26
36	The effects of human impact on spatial structure of the riparian vegetation along the Ashida river, Japan. <i>Landscape and Urban Planning</i> , 2001, 53, 111-121.	7.5	24

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37	Ecological and social evaluation of landscape in a rural area with terraced paddies in southwestern Japan. <i>Landscape and Urban Planning</i> , 2005, 73, 60-71.	7.5	24
38	Predictive modeling of the potential natural vegetation pattern in northeast China. <i>Ecological Research</i> , 2009, 24, 1313-1321.	1.5	24
39	Limitations on tree seedling establishment across ecotones between abandoned fields and adjacent broad-leaved forests in eastern Japan. <i>Plant Ecology</i> , 2011, 212, 923-944.	1.6	24
40	Microsatellite analysis of pollen flow in <i>Rhododendron metternichii</i> var. <i>hondoense</i> . <i>Ecological Research</i> , 2000, 15, 263-269.	1.5	23
41	Effects of seasonality on streamflow and water quality of the Pinang River in Penang Island, Malaysia. <i>Chinese Geographical Science</i> , 2004, 14, 153-161.	3.0	23
42	Estimation of ecological service values of wetlands in Shanghai, China. <i>Chinese Geographical Science</i> , 2005, 15, 151-156.	3.0	23
43	Spatial gradient analysis of urban green spaces combined with landscape metrics in Jinan City of China. <i>Chinese Geographical Science</i> , 2005, 15, 254-261.	3.0	22
44	Ion-exclusion/cation-exchange Chromatography with Dual Detection of the Conductivity and Spectrophotometry for the Simultaneous Determination of Common Inorganic Anionic Species and Cations in River and Wastewater. <i>Analytical Sciences</i> , 2011, 27, 499-504.	1.6	22
45	Wildfire effects on microbial biomass and diversity in pine forests at three topographic positions. <i>Ecological Research</i> , 2006, 21, 54-63.	1.5	21
46	Factors affecting the dynamics of vegetation in the landscapes of Shimokamagari Island, southwestern Japan. <i>Landscape Ecology</i> , 1992, 7, 111-119.	4.2	20
47	The conservation ecology of <i>Iris rossii</i> Baker (Iridaceae), a threatened plant in rural Japan. <i>Journal of Plant Research</i> , 1995, 108, 477-482.	2.4	19
48	Myrmecofaunal Change with Bamboo Invasion into Broadleaf Forests. <i>Journal of Forest Research</i> , 1998, 3, 155-159.	1.4	19
49	Population Structures in <i>Rhododendron metternichii</i> var. <i>hondoense</i> Assessed with Microsatellites and their Implication for Conservation. <i>Journal of Plant Research</i> , 1999, 112, 405-412.	2.4	18
50	Expansion of <i>Elaeagnus umbellata</i> on a gravel bar in the Naka River, Shikoku, Japan. <i>Plant Species Biology</i> , 2002, 17, 25-36.	1.0	17
51	Vertical and seasonal variation in the abundance and the species richness of Attelabidae and Cantharidae (Coleoptera) in a suburban mixed forest. <i>Entomological Science</i> , 2005, 8, 235-243.	0.6	17
52	Extinction threats of a narrowly endemic shrub, <i>Stachyurus macrocarpus</i> (Stachyuraceae) in the Ogasawara Islands. <i>Plant Ecology</i> , 2008, 198, 169-183.	1.6	17
53	Grid map analysis and its application for detecting vegetation changes in Japan. <i>Applied Vegetation Science</i> , 1998, 1, 219-224.	1.9	15
54	Impact of <i>Acacia nilotica</i> (L.) Willd. ex Del invasion on plant species diversity in the Bekol Savanna, Baluran National Park, East Java, Indonesia. <i>Tropics</i> , 2011, 20, 45-53.	0.8	15

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55	Analysis of environmental effect of hybrid solar-assisted desalination cycle in Sirdarya Thermal Power Plant, Uzbekistan. <i>Applied Thermal Engineering</i> , 2017, 111, 894-902.	6.0	15
56	A Study on Structure of Urban Greenery Spaces and Inhabitant Ants.. <i>Journal of the Japanese Society of Revegetation Technology</i> , 1994, 20, 13-20.	0.1	15
57	Simultaneous Spectrophotometric Determination of Orthophosphate and Silicate Ions in River Water Using Ion-Exclusion Chromatography with an Ascorbate Solution as Both Eluent and Reducing Agent, Followed by Postcolumn Derivatization with Molybdate. <i>Analytical Sciences</i> , 2009, 25, 379-383.	1.6	14
58	Response of soil microbial communities to changes in a forest ecosystem brought about by pine wilt disease. <i>Landscape and Ecological Engineering</i> , 2012, 8, 189-196.	1.5	14
59	Sustainable Management of Satoyama Bamboo Landscapes in Japan. Structure and Function of Mountain Ecosystems in Japan, 2011, , 211-220.	0.5	14
60	Pine forest structure in a human-dominated landscape system in Korea. <i>Ecological Research</i> , 1993, 8, 35-46.	1.5	13
61	Distribution of Vesicular-Arbuscular Mycorrhizae in Plants Growing in a River Floodplain.. <i>Bulletin of Japanese Society of Microbial Ecology</i> , 1994, 9, 109-117.	0.1	13
62	Geographic Assessment of Present Protected Areas in Japan for Representativeness of Forest Communities. <i>Biodiversity and Conservation</i> , 2006, 15, 4583-4600.	2.6	13
63	The Effect of Boundary Ridge Structures and Grass-cutting on Plant Communities Around Terraced Paddy Field. <i>Journal of the Japanese Institute of Landscape Architecture</i> , 2001, 65, 579-584.	0.1	13
64	Relatedness structure in <i>Rhododendron metternichii</i> var. <i>hondoense</i> revealed by microsatellite analysis. <i>Molecular Ecology</i> , 2002, 11, 519-527.	3.9	12
65	Forestry expansion and land-use patterns in the Nelson Region, New Zealand. <i>Landscape Ecology</i> , 2002, 16, 719-729.	4.2	11
66	The impact of urban planning on land use and land cover in Pudong of Shanghai, China. <i>Journal of Environmental Sciences</i> , 2003, 15, 205-14.	6.1	11
67	A Markov approach for describing post-fire succession of vegetation. <i>Ecological Research</i> , 1990, 5, 163-171.	1.5	10
68	Application of GIS and remote sensing for measuring and evaluating land-use change and its impact on water quality in the Pinang River watershed. <i>Ecology and Civil Engineering</i> , 2003, 6, 97-110.	0.1	10
69	Changes in patch mosaics and vegetation structure of rural forested landscapes under shifting human impacts in South Korea. <i>Landscape and Ecological Engineering</i> , 2006, 2, 177-195.	1.5	10
70	Effect of forest structure and connectivity on bird distribution in a riparian landscape. <i>Phytocoenologia</i> , 2002, 32, 665-676.	0.5	10
71	Population structure and succession in temperate forests of southwestern Japan. <i>Plant Ecology</i> , 1990, 87, 73-84.	1.2	9
72	Recovery of greenery resources in Hiroshima City after World War II. <i>Landscape and Ecological Engineering</i> , 2006, 2, 111-118.	1.5	9

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73	Simultaneous Determination of Orthophosphate and Silicate Ions in River Water by Ion-Exclusion Chromatography with Postcolumn Spectrophotometric Detection Using Molybdate and Malachite Green. <i>Bunseki Kagaku</i> , 2009, 58, 305-309.	0.2	9
74	Estimating the spatial distribution of green herbage biomass and quality by geostatistical analysis with field hyperspectral measurements. <i>Grassland Science</i> , 2011, 57, 142-149.	1.1	9
75	Allelopathic interference of sweet potato with cogongrass and relevant species. <i>Plant Ecology</i> , 2012, 213, 1955-1961.	1.6	9
76	Myrmecofauna of lucidophyllous forests in different developmental stages in south-western Japan. <i>Ecological Research</i> , 1997, 12, 131-138.	1.5	8
77	Ecological land evaluation for nature redevelopment in river areas. <i>Landscape Ecology</i> , 2002, 17, 83-93.	4.2	8
78	Wise exploitation of newly growing land resources. <i>Chinese Geographical Science</i> , 2003, 13, 134-141.	3.0	8
79	Application of Ion-Exclusion/Cation-Exchange Chromatography to Water Quality Monitoring of Sub-Urban River. <i>Bunseki Kagaku</i> , 2008, 57, 651-658.	0.2	8
80	Spatial-temporal distribution of ornithochorous seeds from an <i>Elaeagnus umbellata</i> community dominating a riparian habitat. <i>Plant Species Biology</i> , 2011, 26, 174-185.	1.0	8
81	Ecological study of pseudoscorpion fauna in the soil organic layer in managed and abandoned secondary forests. <i>Ecological Research</i> , 2001, 16, 593-601.	1.5	7
82	Species composition of Modelliidae and Cerambycidae (Coleoptera) in a coppice woodland. <i>Journal of Forest Research</i> , 2006, 11, 61-64.	1.4	7
83	Removal of competitive native species combined with tree planting can accelerate the initial afforestation process: an experiment in an old field in Japan invaded by dwarf bamboo and kudzu. <i>Journal of Forestry Research</i> , 2015, 26, 581-588.	3.6	7
84	Measuring of some selected herbicides in paddy surface water in the Saijo Basin, Western Japan. <i>Agronomy for Sustainable Development</i> , 2005, 25, 55-61.	0.8	7
85	Dispersal and Settlement Properties of <i>Kandelia candel</i> (Rhizophoraceae) Propagules. <i>Plant Species Biology</i> , 1986, 1, 19-26.	1.0	6
86	Riparian land-use and land cover change analysis using GIS in Pinang river watershed, Malaysia. <i>Tropics</i> , 2004, 13, 235-248.	0.8	6
87	A dwarf bamboo ( <i>Pleioblastus chino</i> ) and winter browsing by Japanese hare ( <i>Lepus brachyurus</i> ) combine to limit establishment of transplanted native tree seedlings in an abandoned agricultural field. <i>Journal of Forestry Research</i> , 2016, 27, 1287-1294.	3.6	6
88	A Large Gap Formation in a Beech Forest on Mt. Garyu in Southwestern Japan by Typhoon 9119. <i>Journal of Sustainable Forestry</i> , 1997, 6, 237-250.	1.4	5
89	Sefidrood river sub-watershed-dam-estuary and degradation model: A holistic approach in Iran. <i>Chinese Geographical Science</i> , 2003, 13, 328-333.	3.0	5
90	Analysis of Factors Affecting the Landscape Dynamics of Islands in Western Japan. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2011, , 169-185.	0.5	5

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91	Distribution pattern of <i>Elaeagnus umbellata</i> communities on the gravel bars in relation to hydrogeomorphic factors in the Yoshino River, Shikoku, Japan.. <i>Environmental Systems Research</i> , 2000, 28, 353-358.	0.1	4
92	Trends in the Use of Agricultural Pesticides and the Environmental Risk-Reduction Status in Japan. <i>Outlook on Agriculture</i> , 2004, 33, 177-189.	3.4	4
93	Simultaneous Determinations of Cr(VI) and Cr(III) by Ion-Exclusion/Cation-Exchange Chromatography with an Unmodified Silica-Gel Column. <i>Analytical Sciences</i> , 2010, 26, 387-390.	1.6	4
94	Recent changes in mire vegetation in Yawata, southwestern Japan. <i>Wetlands Ecology and Management</i> , 1995, 3, 97.	1.5	3
95	Impact evaluation of haizuka dam on its up stream: A case study in hiroshima prefecture, Japan. <i>Chinese Geographical Science</i> , 2004, 14, 350-354.	3.0	3
96	Development of microsatellite markers for <i>Echinops setifer</i> (Asteraceae), an endangered grassland plant species in Japan. <i>Conservation Genetics</i> , 2007, 8, 1231-1233.	1.5	3
97	How to Conserve Japanese Cultural Landscapes: The Registration System for Cultural Landscapes. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2011, , 249-275.	0.5	3
98	The effects of drainage basin geomorphometry on minimum low flow discharge: the study of small watershed in Kelang River Valley in Peninsular Malaysia. <i>Journal of Environmental Sciences</i> , 2003, 15, 249-62.	6.1	3
99	Comparison of the initial demographics of pine and oak populations in rural pine forests in Korea and Japan. <i>Journal of Plant Biology</i> , 1998, 41, 208-218.	2.1	2
100	Plantation expansion possibility and its influence on land-use pattern in the Nelson region, New Zealand. <i>Forest Ecology and Management</i> , 2003, 184, 263-275.	3.2	2
101	Simultaneous Measurement of Monovalent Cation Concentrations and Hydrogen Ion Concentration or Alkalinity in Environmental Waters by Ion Chromatography with Conductimetric Detection Using an ODS-Silica Column Modified with Lithium Dodecylsulfate. <i>Bunseki Kagaku</i> , 2009, 58, 887-894.	0.2	1
102	Diverse Patterns of Vegetation Change after Upland Field Abandonment in Japan. , 2017, , 123-137.		1
103	An Investigation of Vegetation Changes by Pollen Analysis of Forest Soils.. <i>The Quaternary Research</i> , 2000, 39, 139-150.	0.1	1
104	Guiding Young Scholars in Order to Integrate Their Various Research into Landscape Ecology. , 2017, , 3-22.		1
105	Interactions among dwarf bamboo, litter and consumption by small vertebrates place multiple constraints on the establishment of native tree seedlings in a Japanese agricultural landscape. <i>Journal of Plant Ecology</i> , 2019, 12, 292-305.	2.3	0
106	Landscape Ecological Approaches to a Low Carbon Society. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2014, , 3-11.	0.5	0