Takashi Saitoh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9137157/publications.pdf

Version: 2024-02-01

94	2,991	159585 30	182427 51
papers	citations	h-index	g-index

95	95	95	2261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SYNCHRONY AND SCALING IN DYNAMICS OF VOLES AND MICE IN NORTHERN JAPAN. Ecology, 1999, 80, 622-637.	3.2	138
2	Seasonality, density dependence, and population cycles in Hokkaido voles. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11478-11483.	7.1	124
3	A gradient from stable to cyclic populations ofClethrionomys rufocanusin Hokkaido, Japan. Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 1117-1126.	2.6	117
4	Polymorphic microsatellite DNA markers in the Asiatic black bearUrsus thibetanus. Molecular Ecology, 2000, 9, 1661-1662.	3.9	107
5	Role of Tannin-Binding Salivary Proteins and Tannase-Producing Bacteria in the Acclimation of the Japanese Wood Mouse to Acorn Tannins. Journal of Chemical Ecology, 2006, 32, 1165-1180.	1.8	105
6	Density Dependence in Fluctuating Grey-Sided Vole Populations. Journal of Animal Ecology, 1997, 66, 14.	2.8	89
7	The population dynamics of the vole Clethrionomys rufocanus in Hokkaido, Japan. Researches on Population Ecology, 1998, 40, 61-76.	0.9	88
8	Adaptive management of sika deer populations in Hokkaido, Japan: theory and practice. Population Ecology, 2010, 52, 373-387.	1.2	88
9	Re-evaluation of the relationship between rodent populations and acorn masting: a review from the aspect of nutrients and defensive chemicals in acorns. Population Ecology, 2006, 48, 341-352.	1.2	87
10	Control of Female Maturation in High Density Populations of the Red-Backed Vole, Clethrionomys rufocanus bedfordiae. Journal of Animal Ecology, 1981, 50, 79.	2.8	86
11	Seasonal forcing on the dynamics of Clethrionomys rufocanus: Modeling geographic gradients in population dynamics. Researches on Population Ecology, 1998, 40, 85-95.	0.9	78
12	Constraints to projecting the effects of climate change on mammals. Climate Research, 2006, 32, 151-158.	1.1	75
13	Sexâ€related spatial kin structure in a spring population of greyâ€sided voles Clethrionomys rufocanus as revealed by mitochondrial and microsatellite DNA analyses. Molecular Ecology, 1997, 6, 63-71.	3.9	72
14	The biology of the vole Clethrionomys rufocanus: A review. Researches on Population Ecology, 1998, 40, 21-37.	0.9	70
15	Phylogenetic Relationships Among Fragmented Asian Black Bear (Ursus Thibetanus) Populations in Western Japan. Conservation Genetics, 2004, 5, 311-323.	1.5	68
16	The gap between the concept and definitions in the Evolutionarily Significant Unit: the need to integrate neutral genetic variation and adaptive variation. Ecological Research, 2007, 22, 604-612.	1.5	64
17	Mapping the regional transition to cyclicity in Clethrionomys rufocanus: Spectral densities and functional data analysis. Researches on Population Ecology, 1998, 40, 77-84.	0.9	63
18	Negative effects of acorns on the wood mouse Apodemus speciosus. Population Ecology, 2003, 45, 7-17.	1.2	60

#	Article	IF	Citations
19	Low genetic diversities in isolated populations of the Asian black bear (Ursus thibetanus) in Japan, in comparison with large stable populations. Conservation Genetics, 2007, 8, 1331-1337.	1.5	54
20	Genetic status of fragmented populations of the Asian black bear Ursus thibetanus in western Japan. Population Ecology, 2001, 43, 221-227.	1.2	53
21	DENSITY DEPENDENCE IN VOLES AND MICE: A COMPARATIVE STUDY. Ecology, 1999, 80, 638-650.	3.2	52
22	Cyclicity and stability of grey-sided voles, Clethrionomys rufocanus , of Hokkaido: spectral and principal components analyses. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 867-875.	4.0	51
23	The demography of Clethrionomys rufocanus: From mathematical and statistical models to further field studies. Researches on Population Ecology, 1998, 40, 107-121.	0.9	51
24	Harvest-based Bayesian estimation of sika deer populations using state-space models. Population Ecology, 2008, 50, 131-144.	1.2	50
25	The role of vole populations in prevalence of the parasite (Echinococcus multilocularis) in foxes. Researches on Population Ecology, 1998, 40, 97-105.	0.9	49
26	Evaluation of relative density indices for sika deer in eastern Hokkaido, Japan. Ecological Research, 2006, 21, 624-632.	1.5	46
27	A management policy for sika deer based on sex-specific hunting. Population Ecology, 1999, 41, 139-149.	1.2	45
28	A time series and geographical analysis of population dynamics of the red-backed vole in Hokkaido, Japan. Oecologia, 1987, 73, 382-388.	2.0	40
29	Polymorphic microsatellite DNA markers in the grey redâ€backed vole Clethrionomys rufocanus bedfordiae. Molecular Ecology, 1995, 4, 127-128.	3.9	33
30	Social organization of the vole Clethrionomys rufocanus and its demographic and genetic consequences: A review. Researches on Population Ecology, 1998, 40, 39-50.	0.9	31
31	Ecological correlates and determinants in the geographical variation of deer morphology. Oecologia, 2012, 169, 981-994.	2.0	31
32	Effects of Added Food on Some Attributes of an Enclosed Vole Population. Journal of Mammalogy, 1989, 70, 772-782.	1.3	29
33	Decadal changes in masting behaviour of oak trees with rising temperature. Journal of Ecology, 2020, 108, 1088-1100.	4.0	29
34	Frontiers in population ecology of microtine rodents: A pluralistic approach to the study of population ecology. Researches on Population Ecology, 1998, 40, 5-20.	0.9	27
35	Synchrony and Scaling in Dynamics of Voles and Mice in Northern Japan. Ecology, 1999, 80, 622.	3.2	27
36	Culling Versus Density Effects in Management of a Deer Population. Journal of Wildlife Management, 2010, 74, 1472-1483.	1.8	27

#	Article	IF	Citations
37	Effects of regime shifts on the population dynamics of the grey-sided vole in Hokkaido, Japan. Climate Research, 2006, 32, 109-118.	1.1	27
38	The impact of forestry on the small rodent community of Hokkaido, Japan.. Mammal Study, 1997, 22, 27-38.	0.6	26
39	Dietary niche partitioning between sympatric wood mouse species (Muridae: Apodemus) revealed by DNA meta-barcoding analysis. Journal of Mammalogy, 2018, 99, 952-964.	1.3	26
40	Kinâ€related social organization in a winter population of the vole Clethrionomys rufocanus. Researches on Population Ecology, 1998, 40, 51-59.	0.9	25
41	Interaction between seasonal density-dependence structures and length of the seasons explain the geographical structure of the dynamics of voles in Hokkaido: an example of seasonal forcing. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1853-1863.	2.6	24
42	Cross-species amplification of microsatellite DNA in Old World microtine rodents with PCR primers for the gray-sided vole, Clethrionomys rufocanus.. Mammal Study, 1997, 22, 5-10.	0.6	24
43	Mechanisms of density dependence in fluctuating vole populations: deducing annual density dependence from seasonal processes. Population Ecology, 2003, 45, 165-173.	1.2	22
44	Fecal nitrogen as an index of dietary nitrogen in two sika deerCervus nippon populations. Acta Theriologica, 2007, 52, 119-128.	1.1	22
45	Individual variation in nest size and nest site features of the Bornean orangutans (Pongo) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	22
46	Practical definition of territory and its application to the spatial distribution of voles. Journal of Ethology, 1985, 3, 143-149.	0.8	21
47	The effects and limits of territoriality on population regulation in grey red-backed voles,Clethrionomys rufocanus bedfordiae. Researches on Population Ecology, 1991, 33, 367-386.	0.9	21
48	Population dynamics, synchrony, and environmental quality of Hokkaido voles lead to temporal and spatial Taylor's laws. Ecology, 2016, 97, 3402-3413.	3.2	21
49	Spatial genetic relationships in a population of the Japanese wood mouse Apodemus argenteus. Ecological Research, 2000, 15, 285-292.	1.5	20
50	Effects of acorn masting on population dynamics of three forest-dwelling rodent species in Hokkaido, Japan. Population Ecology, 2007, 49, 249-256.	1.2	20
51	Effect of Local Density of Males on the Occurrence of Multimale Mating in Gray-sided Voles (Myodes) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	20
52	Latitudinal gradients in stream invertebrate assemblages at a regional scale on Hokkaido Island, Japan. Freshwater Biology, 2010, 55, 1520-1532.	2.4	20
53	Demographic analyses of a fox population suffering from sarcoptic mange. Journal of Wildlife Management, 2014, 78, 1356-1371.	1.8	20
54	Sexual differences in natal dispersal and philopatry of the grey-sided vole. Researches on Population Ecology, 1995, 37, 49-57.	0.9	19

#	Article	IF	Citations
55	Effects of acorn abundance on density dependence in a Japanese wood mouse (Apodemus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	18
56	The population ecology of the vole Clethrionomys rufocanus: A preface. Researches on Population Ecology, 1998, 40, 1-3.	0.9	17
57	Spatioâ€“temporal dynamics of the greyâ€“sided vole in Hokkaido: identifying coupling using state-based Markovâ€“chain modelling. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 435-445.	2.6	15
58	Does acclimation reduce the negative effects of acorn tannins in the wood mouseApodemus speciosus?. Acta Theriologica, 2004, 49, 203-214.	1.1	15
59	Flood disturbance and predatorâ€“prey effects on regional gradients in species diversity. Ecology, 2014, 95, 132-141.	3.2	15
60	Different population responses of three sympatric rodent species to acorn mastingâ€”the role of tannin tolerance. Population Ecology, 2017, 59, 29-43.	1.2	15
61	Role of maleâ€biased dispersal in inbreeding avoidance in the greyâ€sided vole (Myodes rufocanus). Molecular Ecology, 2008, 17, 4887-4896.	3.9	14
62	Lifetime reproductive success in reproductively suppressed female voles. Researches on Population Ecology, 1990, 32, 391-406.	0.9	13
63	Refugia in Glacial Ages Led to the Current Discontinuous Distribution Patterns of the Dark Red-backed VoleMyodes rexon Hokkaido, Japan. Zoological Science, 2013, 30, 642-650.	0.7	13
64	Culling Versus Density Effects in Management of a Deer Population. Journal of Wildlife Management, 2010, 74, 1472-1483.	1.8	12
65	Temporal change in the spatial genetic structure of a sika deer population with an expanding distribution range over a 15â€year period. Population Ecology, 2014, 56, 311-325.	1.2	12
66	Application of Cohort Analysis to Large Terrestrial Mammal Harvest Data. Mammal Study, 2009, 34, 65-76.	0.6	11
67	Conservation and management of terrestrial mammals in Japan: its system and practices. Therya, 2015, 6, 139-153.	0.4	11
68	Estimating number of families for an urban fox population by using two public data sets. Population Ecology, 2009, 51, 271-277.	1.2	10
69	Effects of cold stress on immune function in the grey-sided vole, Clethrionomys rufocanus. Mammal Study, 2008, 33, 11-18.	0.6	9
70	Environmental variability and density dependence in the temporal Taylorâ€™s law. Ecological Modelling, 2018, 387, 134-143.	2.5	9
71	Survival rate and mobility in an enclosed population of red-backed vole, Clethrionomys rufocanus bedfordiae. Acta Theriologica, 1983, 28, 301-315.	1.1	9
72	Food-niche Differences Between Two Syntopic Scops-Owls on Okinawa Island, Japan. Journal of Raptor Research, 2011, 45, 79-87.	0.6	8

#	Article	IF	Citations
73	Interspecific Differences in Tannin Intakes of Forest-Dwelling Rodents in the Wild Revealed by a new Method Using Fecal Proline Content. Journal of Chemical Ecology, 2011, 37, 1277-1284.	1.8	8
74	Embryonic staging of bats with special reference to Vespertilio sinensis and its cochlear development. Developmental Dynamics, 2021, 250, 1140-1159.	1.8	8
75	Phenotypic and genetic divergence among island populations of sika deer (Cervus nippon) in southern Japan: a test of the local adaptation hypothesis. Population Ecology, 2018, 60, 211-221.	1.2	7
76	So, what do we know and what do we need to know more about the population ecology of the vole Clethrionomys rufocanus?. Researches on Population Ecology, 1998, 40, 153-158.	0.9	6
77	New mtDNA Haplotypes of the Sika Deer (Cervus nippon) Found in Hokkaido, Japan Suggest Human-Mediated Immigration. Mammal Study, 2013, 38, 123-129.	0.6	6
78	Male-biased Dispersal Causes Intersexual Differences in the Subpopulation Structure of the Gray-sided Vole. Journal of Heredity, 2013, 104, 718-724.	2.4	5
79	Effects of environmental synchrony and densityâ€dependent dispersal on temporal and spatial slopes of Taylor's law. Population Ecology, 2020, 62, 300-316.	1.2	4
80	High variation of mitochondrial <scp>DNA</scp> diversity as compared to nuclear microsatellites in mammalian populations. Ecological Research, 2021, 36, 206-220.	1.5	4
81	Optimal conditions for immune function in the grey-sided vole, Clethrionomys rufocanus: temperature and immunization period. Mammal Study, 2007, 32, 45-48.	0.6	3
82	Taxonomic status of the vole in Daikoku Island, Hokkaido, Japan: examination based on morphology and genetics. Mammal Study, 2007, 32, 33-44.	0.6	3
83	The effect of introduced males on spatial patterns of initially introduced red-backed voles. Acta Theriologica, 1988, 33, 585-588.	1.1	2
84	Special features and issues. Population Ecology, 2010, 52, 1-3.	1.2	1
85	New editorial board. Population Ecology, 2011, 53, 1-3.	1.2	1
86	Recent achievement on the editorial time. Population Ecology, 2012, 54, 1-2.	1.2	1
87	Intraspecific Variation in the Frequency of Multiple Paternity in the Japanese Wood Mouse (Apodemus) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	1
88	Estimation of multiple male mating frequency using paternity skew: An example from a greyâ€sided vole () Tj ETQq0 0 0 rgBT /Overlock	4.8	1
89	The 2005 Population Ecology Young Scientist Award. Population Ecology, 2005, 47, 157-157.	1.2	0
90	New editorial office and new submission system. Population Ecology, 2007, 49, 87-88.	1.2	0

#	Article	IF	Citations
91	â€œOpen Choiceâ€•and electronic supplementary materials. Population Ecology, 2008, 50, 1-2.	1.2	0
92	New logo and updated editorial board. Population Ecology, 2009, 51, 1-2.	1.2	0
93	Serial sampling bridges a gap between ecological and genetical definitions of immigrant: an empirical test in a grey-sided vole population. Mammal Research, 2018, 63, 141-150.	1.3	0
94	Spatial Genetic Structure of the Sika Deer (Cervus nippon) Population on Yakushima: Significant Genetic Differentiation on a Small Island. Mammal Study, 2021, 46, .	0.6	0