

# Fugo Takasu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2802040/publications.pdf>

Version: 2024-02-01

18  
papers

506  
citations

840776

11  
h-index

839539

18  
g-index

47  
all docs

47  
docs citations

47  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	MODELING THE SPREAD OF PINE WILT DISEASE CAUSED BY NEMATODES WITH PINE SAWYERS AS VECTOR. <i>Ecology</i> , 1999, 80, 1691-1702.	3.2	83
2	Ancient origin and maternal inheritance of blue cuckoo eggs. <i>Nature Communications</i> , 2016, 7, 10272.	12.8	66
3	Modeling the Expansion of an Introduced Tree Disease. <i>Biological Invasions</i> , 2000, 2, 141-150.	2.4	58
4	Dispersal of adult Asian citrus psyllid, <i>Diaphorina citri</i> Kuwayama (Homoptera: Psyllidae), the vector of citrus greening disease, in artificial release experiments. <i>Applied Entomology and Zoology</i> , 2011, 46, 27-30.	1.2	53
5	Diffusive waves, dynamical stabilization and spatio-temporal chaos in a community of three competitive species. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2001, 18, 459-481.	0.9	42
6	Modelling the arms race in avian brood parasitism. <i>Evolutionary Ecology</i> , 1998, 12, 969-987.	1.2	41
7	Individual-based modeling of the spread of pine wilt disease: vector beetle dispersal and the Allee effect. <i>Population Ecology</i> , 2009, 51, 399-409.	1.2	37
8	Survival and anti-parasite defense in a host metapopulation under heavy brood parasitism: a source-sink dynamic model. <i>Journal of Ethology</i> , 2004, 22, 143.	0.8	28
9	How does stochasticity in colonization accelerate the speed of invasion in a cellular automaton model?. <i>Ecological Research</i> , 2006, 21, 334-345.	1.5	26
10	Disappearance of eggs from nonparasitized nests of brood parasite hosts: the evolutionary equilibrium hypothesis revisited. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 215-225.	1.6	19
11	Modeling the consequence of increased host tolerance toward avian brood parasitism. <i>Population Ecology</i> , 2011, 53, 187-193.	1.2	17
12	NEST LIGHT ENVIRONMENT AND THE POTENTIAL RISK OF COMMON CUCKOO ( <i>CUCULUS CANORUS</i> ) PARASITISM. <i>Auk</i> , 2007, 124, 619-627.	1.4	11
13	How many eggs should be laid in one's own nest and others' in intra-specific brood parasitism?. <i>Population Ecology</i> , 2004, 46, 221-229.	1.2	9
14	How does spatio-temporal disturbance influence species diversity in a hierarchical competitive system? Prospective order of species coexistence and extinction. <i>Population Ecology</i> , 2003, 45, 239-247.	1.2	5
15	Modeling the cuckoo's brood parasitic behavior in the presence of egg polymorphism. <i>Journal of Ethology</i> , 2016, 34, 127-132.	0.8	4
16	Equilibrium properties of the spatial SIS model as a point pattern dynamics - How is infection distributed over space?. <i>Journal of Theoretical Biology</i> , 2019, 468, 12-26.	1.7	3
17	Beyond pairs: Definition and interpretation of third-order structure in spatial point patterns. <i>Journal of Theoretical Biology</i> , 2015, 372, 22-38.	1.7	2
18	Population Dynamics of Nitrifying Bacteria in an Aquatic Ecosystem.. <i>Uchu Seibutsu Kagaku</i> , 1999, 13, 333-340.	0.3	2