

# Gavin M Abernethy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/949267/publications.pdf>

Version: 2024-02-01

13  
papers

60  
citations

1684188

5  
h-index

1720034

7  
g-index

13  
all docs

13  
docs citations

13  
times ranked

50  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal COVID-19 lockdown strategies in an age-structured SEIR model of Northern Ireland. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210896.	3.4	11
2	A multiple phenotype predator-prey model with mutation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 465, 762-774.	2.6	10
3	A single predator multiple prey model with prey mutation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 40, 51-70.	3.3	6
4	The role of migration in a spatial extension of the Webworld eco-evolutionary model. <i>Ecological Modelling</i> , 2019, 397, 122-140.	2.5	6
5	Analysis of a Class of Low-Dimensional Models of Mutation and Predation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1630029.	1.7	5
6	The interaction between predator strategy and prey competition in a pair of multi-predator multi-prey lattices. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 56, 9-33.	3.3	5
7	The robustness, link-species relationship and network properties of model food webs. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 70, 20-47.	3.3	5
8	Cannibalism and chaos in the classroom. <i>International Journal of Mathematical Education in Science and Technology</i> , 2017, 48, 117-129.	1.4	4
9	Zombies: a simple discrete model of the apocalypse. <i>International Journal of Mathematical Education in Science and Technology</i> , 2018, 49, 1260-1277.	1.4	3
10	The Divider Dimensions of the Irish Coast. <i>Irish Geography</i> , 2010, 43, 277-284.	0.4	2
11	Allometry in an eco-evolutionary network model. <i>Ecological Modelling</i> , 2020, 427, 109090.	2.5	2
12	Sequences of patch disturbance in a spatial eco-evolutionary model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 97, 105746.	3.3	1
13	A model of invasion by bodysnatchers from the far reaches of space. <i>International Journal of Mathematical Education in Science and Technology</i> , 2020, , 1-21.	1.4	0