

# Matthew Betti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3093668/publications.pdf>

Version: 2024-02-01

7  
papers

108  
citations

1684188  
5  
h-index

1720034  
7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated vaccination and non-pharmaceutical interventions based strategies in Ontario, Canada, as a case study: a mathematical modelling study. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210009.	3.4	23
2	Evolutionary stability of the lysis-lysogeny decision: why be virulent?. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 73, 92-98.	2.3	19
3	Bee++: An Object-Oriented, Agent-Based Simulator for Honey Bee Colonies. <i>Insects</i> , 2017, 8, 31.	2.2	18
4	A simple model for fitting mild, severe, and known cases during an epidemic with an application to the current SARS-CoV-2 pandemic. <i>Infectious Disease Modelling</i> , 2021, 6, 313-323.	1.9	15
5	Could a New COVID-19 Mutant Strain Undermine Vaccination Efforts? A Mathematical Modelling Approach for Estimating the Spread of B.1.1.7 Using Ontario, Canada, as a Case Study. <i>Vaccines</i> , 2021, 9, 592.	4.4	15
6	The effects of diploid male production on honey bee colony evolution and survival. <i>Theoretical Population Biology</i> , 2020, 135, 49-55.	1.1	3
7	A Multi-Scale Model of Disease Transfer in Honey Bee Colonies. <i>Insects</i> , 2021, 12, 700.	2.2	2