

# Alex Betts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7217143/publications.pdf>

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9  
papers

1,051  
citations

1040056

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1474206

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all docs

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docs citations

9  
times ranked

1768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Resource Allocation in Individual Microbes Determines Ecosystem Interactions and Spatial Dynamics. Cell Reports, 2014, 7, 1104-1115.	6.4	428
2	Rapid evolution of microbe-mediated protection against pathogens in a worm host. ISME Journal, 2016, 10, 1915-1924.	9.8	165
3	High parasite diversity accelerates host adaptation and diversification. Science, 2018, 360, 907-911.	12.6	108
4	Contrasted coevolutionary dynamics between a bacterial pathogen and its bacteriophages. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11109-11114.	7.1	88
5	Integrative analysis of fitness and metabolic effects of plasmids in <i>Pseudomonas aeruginosa</i> PAO1. ISME Journal, 2018, 12, 3014-3024.	9.8	80
6	Back to the future: evolving bacteriophages to increase their effectiveness against the pathogen <i>Pseudomonas aeruginosa</i> PAO 1. Evolutionary Applications, 2013, 6, 1054-1063.	3.1	75
7	Host and Parasite Evolution in a Tangled Bank. Trends in Parasitology, 2016, 32, 863-873.	3.3	45
8	Network structure and local adaptation in coevolving bacteria-phage interactions. Molecular Ecology, 2017, 26, 1764-1777.	3.9	38
9	Parasite diversity drives rapid host dynamics and evolution of resistance in a bacteria-phage system. Evolution; International Journal of Organic Evolution, 2016, 70, 969-978.	2.3	24