

# Ivana Gudelj

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,086  
citations

623734

14  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1467  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeking patterns of antibiotic resistance in ATLAS, an open, raw MIC database with patient metadata. <i>Nature Communications</i> , 2022, 13, .	12.8	7
2	Predicting microbial growth dynamics in response to nutrient availability. <i>PLoS Computational Biology</i> , 2021, 17, e1008817.	3.2	9
3	Would that it were so simple: Interactions between multiple traits undermine classical single-trait-based predictions of microbial community function and evolution. <i>Ecology Letters</i> , 2021, 24, 2775-2795.	6.4	6
4	Predicting community dynamics of antibiotic-sensitive and -resistant species in fluctuating environments. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190776.	3.4	4
5	Evolution of drug-resistant and virulent small colonies in phenotypically diverse populations of the human fungal pathogen <i>Candida glabrata</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200761.	2.6	7
6	Privatization of public goods can cause population decline. <i>Nature Ecology and Evolution</i> , 2019, 3, 1206-1216.	7.8	16
7	When increasing population density can promote the evolution of metabolic cooperation. <i>ISME Journal</i> , 2018, 12, 849-859.	9.8	20
8	Drug-mediated metabolic tipping between antibiotic resistant states in a mixed-species community. <i>Nature Ecology and Evolution</i> , 2018, 2, 1312-1320.	7.8	14
9	The unconstrained evolution of fast and efficient antibiotic-resistant bacterial genomes. <i>Nature Ecology and Evolution</i> , 2017, 1, 50.	7.8	52
10	Kinase Inhibition Leads to Hormesis in a Dual Phosphorylation-Dephosphorylation Cycle. <i>PLoS Computational Biology</i> , 2016, 12, e1005216.	3.2	5
11	Stability of Cross-Feeding Polymorphisms in Microbial Communities. <i>PLoS Computational Biology</i> , 2016, 12, e1005269.	3.2	37
12	Harbouring public good mutants within a pathogen population can increase both fitness and virulence. <i>eLife</i> , 2016, 5, .	6.0	21
13	Biophysical mechanisms that maintain biodiversity through trade-offs. <i>Nature Communications</i> , 2015, 6, 6278.	12.8	43
14	Using a Sequential Regimen to Eliminate Bacteria at Sublethal Antibiotic Dosages. <i>PLoS Biology</i> , 2015, 13, e1002104.	5.6	82
15	Dispersal network structure and infection mechanism shape diversity in a coevolutionary bacteria-phage system. <i>ISME Journal</i> , 2014, 8, 504-514.	9.8	9
16	Do the life cycles and diverse post-infection resistance mechanisms limit the evolution of parasite host ranges. <i>Ecology Letters</i> , 2014, 17, 491-498.	6.4	17
17	The form of a trade-off determines the response to competition. <i>Ecology Letters</i> , 2013, 16, 1267-1276.	6.4	63
18	Metabolic trade-offs and the maintenance of the fittest and the flattest. <i>Nature</i> , 2011, 472, 342-346.	27.8	112

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19	An integrative approach to understanding microbial diversity: from intracellular mechanisms to community structure. <i>Ecology Letters</i> , 2010, 13, 1073-1084.	6.4	80
20	Molecular and Evolutionary Bases of Within-Patient Genotypic and Phenotypic Diversity in <i>Escherichia coli</i> Extraintestinal Infections. <i>PLoS Pathogens</i> , 2010, 6, e1001125.	4.7	68
21	A Mixture of "Cheats" and "Co-Operators" Can Enable Maximal Group Benefit. <i>PLoS Biology</i> , 2010, 8, e1000486.	5.6	103
22	Understanding the limits to generalizability of experimental evolutionary models. <i>Nature</i> , 2008, 455, 220-223.	27.8	49
23	Resource competition and social conflict in experimental populations of yeast. <i>Nature</i> , 2006, 441, 498-501.	27.8	258