

Djordje Bajic

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,296
citations

1051969

10
h-index

1181555

14
g-index

27
all docs

27
docs citations

27
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional attractors in microbial community assembly. <i>Cell Systems</i> , 2022, 13, 29-42.e7.	2.9	59
2	Complex yeast-bacteria interactions affect the yield of industrial ethanol fermentation. <i>Nature Communications</i> , 2021, 12, 1498.	5.8	52
3	The Impact of Gut Microbiota-Derived Metabolites in Autism Spectrum Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10052.	1.8	23
4	The Macroevolutionary Consequences of Niche Construction in Microbial Metabolism. <i>Frontiers in Microbiology</i> , 2021, 12, 718082.	1.5	3
5	A metabolic modeling platform for the computation of microbial ecosystems in time and space (COMETS). <i>Nature Protocols</i> , 2021, 16, 5030-5082.	5.5	70
6	The ecology and evolution of microbial metabolic strategies. <i>Current Opinion in Biotechnology</i> , 2020, 62, 123-128.	3.3	31
7	Artificially selecting bacterial communities using propagule strategies. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2392-2403.	1.1	32
8	High-order interactions distort the functional landscape of microbial consortia. <i>PLoS Biology</i> , 2019, 17, e3000550.	2.6	114
9	On the deformability of an empirical fitness landscape by microbial evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11286-11291.	3.3	53
10	Emergent simplicity in microbial community assembly. <i>Science</i> , 2018, 361, 469-474.	6.0	706
11	Deconstructing a multiple antibiotic resistance regulation through the quantification of its input function. <i>Npj Systems Biology and Applications</i> , 2017, 3, 30.	1.4	5
12	Antagonistic autoregulation speeds up a homogeneous response in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2016, 6, 36196.	1.6	9
13	Rewiring of Genetic Networks in Response to Modification of Genetic Background. <i>Genome Biology and Evolution</i> , 2014, 6, 3267-3280.	1.1	7
14	Balancing noise and plasticity in eukaryotic gene expression. <i>BMC Genomics</i> , 2012, 13, 343.	1.2	26
15	Balancing noise and plasticity in gene expression. <i>Nature Precedings</i> , 2011, , .	0.1	0