

# Akshit Goyal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6905532/publications.pdf>

Version: 2024-02-01

12  
papers

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citations

1040056

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1125743

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docs citations

29  
times ranked

408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple stable states in microbial communities explained by the stable marriage problem. ISME Journal, 2018, 12, 2823-2834.	9.8	73
2	Diversity, Stability, and Reproducibility in Stochastically Assembled Microbial Ecosystems. Physical Review Letters, 2018, 120, 158102.	7.8	65
3	Resource-diversity relationships in bacterial communities reflect the network structure of microbial metabolism. Nature Ecology and Evolution, 2021, 5, 1424-1434.	7.8	65
4	Evidence for a multi-level trophic organization of the human gut microbiome. PLoS Computational Biology, 2019, 15, e1007524.	3.2	42
5	Ecology-guided prediction of cross-feeding interactions in the human gut microbiome. Nature Communications, 2021, 12, 1335.	12.8	37
6	Interactions between strains govern the eco-evolutionary dynamics of microbial communities. ELife, 2022, 11, .	6.0	37
7	In silico Evolution of Lysis-Lysogeny Strategies Reproduces Observed Lysogeny Propensities in Temperate Bacteriophages. Frontiers in Microbiology, 2017, 8, 1386.	3.5	32
8	Metabolic adaptations underlying genome flexibility in prokaryotes. PLoS Genetics, 2018, 14, e1007763.	3.5	31
9	Complementary resource preferences spontaneously emerge in diauxic microbial communities. Nature Communications, 2021, 12, 6661.	12.8	17
10	Horizontal gene transfer drives the evolution of dependencies in bacteria. IScience, 2022, 25, 104312.	4.1	6
11	Particle foraging strategies promote microbial diversity in marine environments. ELife, 2022, 11, .	6.0	4
12	How diverse ecosystems remain stable. Nature Ecology and Evolution, 2022, 6, 667-668.	7.8	4