Tomasz Kosciolek

List of Publications by Citations

35 papers	8,094 citations	24 h-index	40 g-index
40 ext. papers	13,948 ext. citations	11.8 avg, IF	5.38 L-index

#	Paper	IF	Citations
35	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. *Nature Biotechnology*, **2019**, 37, 852-857	44.5	4050
34	A communal catalogue reveals Earthꞌs multiscale microbial diversity. *Nature*, **2017**, 551, 457-463	50.4	1076
33	Best practices for analysing microbiomes. *Nature Reviews Microbiology*, **2018**, 16, 410-422	22.2	668
32	American Gut: an Open Platform for Citizen Science Microbiome Research. *MSystems*, **2018**, 3,	7.6	336
31	Microbiome analyses of blood and tissues suggest cancer diagnostic approach. *Nature*, **2020**, 579, 567-574	50.4	244
30	MetaPSICOV: combining coevolution methods for accurate prediction of contacts and long range hydrogen bonding in proteins. *Bioinformatics*, **2015**, 31, 999-1006	7.2	236
29	Qiita: rapid, web-enabled microbiome meta-analysis. *Nature Methods*, **2018**, 15, 796-798	21.6	231
28	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		138
27	Overview and systematic review of studies of microbiome in schizophrenia and bipolar disorder. *Journal of Psychiatric Research*, **2018**, 99, 50-61	5.2	114
26	Differences in gut microbiome composition between persons with chronic schizophrenia and healthy comparison subjects. *Schizophrenia Research*, **2019**, 204, 23-29	3.6	98
25	Phylogenomics of 10,575 genomes reveals evolutionary proximity between domains Bacteria and Archaea. *Nature Communications*, **2019**, 10, 5477	17.4	89
24	De novo structure prediction of globular proteins aided by sequence variation-derived contacts. *PLoS ONE*, **2014**, 9, e92197	3.7	81
23	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science **2018**,		78
22	QIIME 2 Enables Comprehensive End-to-End Analysis of Diverse Microbiome Data and Comparative Studies with Publicly Available Data. *Current Protocols in Bioinformatics*, **2020**, 70, e100	24.2	63
21	IL-4Rα Blockade by Dupilumab Decreases Staphylococcus aureus Colonization and Increases Microbial Diversity in Atopic Dermatitis. *Journal of Investigative Dermatology*, **2020**, 140, 191-202.e7	4.3	57
20	Gut microbiome and magnetic resonance spectroscopy study of subjects at ultra-high risk for psychosis may support the membrane hypothesis. *European Psychiatry*, **2018**, 53, 37-45	6	54
19	Structure-based protein function prediction using graph convolutional networks. *Nature Communications*, **2021**, 12, 3168	17.4	47

18	The impact of skin care products on skin chemistry and microbiome dynamics. *BMC Biology*, **2019**, 17, 47	7.3	42
17	Accurate contact predictions using covariation techniques and machine learning. *Proteins: Structure, Function and Bioinformatics*, **2016**, 84 Suppl 1, 145-51	4.2	38
16	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		36
15	Impact of template choice on homology model efficiency in virtual screening. *Journal of Chemical Information and Modeling*, **2014**, 54, 1661-8	6.1	34
14	Protein binding site analysis by means of structural interaction fingerprint patterns. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 6816-9	2.9	31
13	Gut microbiome in serious mental illnesses: A systematic review and critical evaluation. *Schizophrenia Research*, **2021**, 234, 24-40	3.6	29
12	Gut microbiome in Schizophrenia: Altered functional pathways related to immune modulation and atherosclerotic risk. *Brain, Behavior, and Immunity*, **2021**, 91, 245-256	16.6	17
11	Gut Instinct **2017**,		11
10	American Gut: an Open Platform for Citizen-Science Microbiome Research		11
9	Structure-Based Protein Function Prediction using Graph Convolutional Networks		11
8	Predictions of Backbone Dynamics in Intrinsically Disordered Proteins Using De Novo Fragment-Based Protein Structure Predictions. *Scientific Reports*, **2017**, 7, 6999	4.9	9
7	The Microbiome and Its Potential for Pharmacology. *Handbook of Experimental Pharmacology*, **2019**, 260, 301-326	3.2	9
6	Docent **2018**,		6
5	Opportunities and limitations in applying coevolution-derived contacts to protein structure prediction. *Bio-Algorithms and Med-Systems*, **2014**, 10,	1.2	5
4	Differing salivary microbiome diversity, community and diurnal rhythmicity in association with affective state and peripheral inflammation in adults. *Brain, Behavior, and Immunity*, **2020**, 87, 591-602	16.6	4
3	Individuals with substance use disorders have a distinct oral microbiome pattern. *Brain, Behavior, & Immunity - Health*, **2021**, 15, 100271	5.1	3
2	Design and Synthesis of Novel Cannabinoid Ligands Based on a 1,2,3- triazole Scaffold. *Letters in Drug Design and Discovery*, **2012**, 10, 169-172	0.8	2
1	Treatment With Multi-Species Probiotics Changes the Functions, Not the Composition of Gut Microbiota in Postmenopausal Women With Obesity: A Randomized, Double-Blind, Placebo-Controlled Study.. *Frontiers in Cellular and Infection Microbiology*, **2022**, 12, 815798	5.9	1