

Se Jin Song

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

10,445
citations

33
h-index

55
g-index

55
ext. papers

16,918
ext. citations

12.9
avg, IF

5.42
L-index

#	Paper	IF	Citations
52	The impact of maternal asthma on the preterm infants' gut metabolome and microbiome (MAP study).. <i>Scientific Reports</i> , 2022 , 12, 6437	4.9	1
51	Compositionally Aware Phylogenetic Beta-Diversity Measures Better Resolve Microbiomes Associated with Phenotype.. <i>MSystems</i> , 2022 , e0005022	7.6	0
50	Evaluation of the Effect of Storage Methods on Fecal, Saliva, and Skin Microbiome Composition. <i>MSystems</i> , 2021 , 6,	7.6	6
49	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. <i>MSystems</i> , 2021 , 6,	7.6	14
48	Coinfection and infection duration shape how pathogens affect the African buffalo gut microbiota. <i>ISME Journal</i> , 2021 , 15, 1359-1371	11.9	1
47	Reply to: Examining microbe-metabolite correlations by linear methods. <i>Nature Methods</i> , 2021 , 18, 40-41	11.6	2
46	Naturalization of the microbiota developmental trajectory of Cesarean-born neonates after vaginal seeding.. <i>Med</i> , 2021 , 2, 951-964.e5	31.7	8
45	Microbiome analyses of blood and tissues suggest cancer diagnostic approach. <i>Nature</i> , 2020 , 579, 567-574	50.4	244
44	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , 2020 , 11,	7.8	79
43	Consumption of Fermented Foods Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. <i>MSystems</i> , 2020 , 5,	7.6	33
42	Bacterial modification of the host glycosaminoglycan heparan sulfate modulates SARS-CoV-2 infectivity 2020 ,		14
41	Home chemical and microbial transitions across urbanization. <i>Nature Microbiology</i> , 2020 , 5, 108-115	26.6	43
40	Early-life gut dysbiosis linked to juvenile mortality in ostriches. <i>Microbiome</i> , 2020 , 8, 147	16.6	10
39	Is there convergence of gut microbes in blood-feeding vertebrates?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20180249	5.8	11
38	Major shifts in gut microbiota during development and its relationship to growth in ostriches. <i>Molecular Ecology</i> , 2019 , 28, 2653-2667	5.7	31
37	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. <i>ISME Journal</i> , 2019 , 13, 576-587	11.9	132
36	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019 , 37, 852-857	44.5	4050

35	Learning representations of microbe-metabolite interactions. <i>Nature Methods</i> , 2019 , 16, 1306-1314	21.6	79
34	Engineering the microbiome for animal health and conservation. <i>Experimental Biology and Medicine</i> , 2019 , 244, 494-504	3.7	33
33	Reproducibility, stability, and accuracy of microbial profiles by fecal sample collection method in three distinct populations. <i>PLoS ONE</i> , 2019 , 14, e0224757	3.7	10
32	Trace Evidence Potential in Postmortem Skin Microbiomes: From Death Scene to Morgue. <i>Journal of Forensic Sciences</i> , 2019 , 64, 791-798	1.8	19
31	Are microbiome studies ready for hypothesis-driven research?. <i>Current Opinion in Microbiology</i> , 2018 , 44, 61-69	7.9	18
30	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science 2018 ,		78
29	American Gut: an Open Platform for Citizen Science Microbiome Research. <i>MSystems</i> , 2018 , 3,	7.6	336
28	Balance Trees Reveal Microbial Niche Differentiation. <i>MSystems</i> , 2017 , 2,	7.6	177
27	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017 , 551, 457-463	50.4	1076
26	The human microbiome in evolution. <i>BMC Biology</i> , 2017 , 15, 127	7.3	136
25	The Effects of Captivity on the Mammalian Gut Microbiome. <i>Integrative and Comparative Biology</i> , 2017 , 57, 690-704	2.8	169
24	Evaluating the impact of domestication and captivity on the horse gut microbiome. <i>Scientific Reports</i> , 2017 , 7, 15497	4.9	64
23	Prevalence and genetic diversity of Blastocystis in family units living in the United States. <i>Infection, Genetics and Evolution</i> , 2016 , 45, 95-97	4.5	23
22	Tiny microbes, enormous impacts: what matters in gut microbiome studies?. <i>Genome Biology</i> , 2016 , 17, 217	18.3	86
21	Microbial community assembly and metabolic function during mammalian corpse decomposition. <i>Science</i> , 2016 , 351, 158-62	33.3	256
20	Walls talk: Microbial biogeography of homes spanning urbanization. <i>Science Advances</i> , 2016 , 2, e1501061	14.3	47
19	Partial restoration of the microbiota of cesarean-born infants via vaginal microbial transfer. <i>Nature Medicine</i> , 2016 , 22, 250-3	50.5	536
18	Stress response, gut microbial diversity and sexual signals correlate with social interactions. <i>Biology Letters</i> , 2016 , 12,	3.6	33

17	Preservation Methods Differ in Fecal Microbiome Stability, Affecting Suitability for Field Studies. <i>MSystems</i> , 2016 , 1,	7.6	250
16	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. <i>MBio</i> , 2016 , 7, e02164-15	7.8	145
15	From Sample to Multi-Omics Conclusions in under 48 Hours. <i>MSystems</i> , 2016 , 1,	7.6	45
14	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. <i>MSystems</i> , 2016 , 1,	7.6	41
13	Using the gut microbiota as a novel tool for examining colobine primate GI health. <i>Global Ecology and Conservation</i> , 2016 , 7, 225-237	2.8	48
12	The microbiome of uncontacted Amerindians. <i>Science Advances</i> , 2015 , 1,	14.3	517
11	Convergence of gut microbiomes in myrmecophagous mammals. <i>Molecular Ecology</i> , 2014 , 23, 1301-17	5.7	179
10	Advancing our understanding of the human microbiome using QIIME. <i>Methods in Enzymology</i> , 2013 , 531, 371-444	1.7	373
9	How delivery mode and feeding can shape the bacterial community in the infant gut. <i>Cmaj</i> , 2013 , 185, 373-4	3.5	45
8	Cohabiting family members share microbiota with one another and with their dogs. <i>ELife</i> , 2013 , 2, e004589	5.9	616
7	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		36
6	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		138
5	Early-life gut dysbiosis linked to mass mortality in ostriches		1
4	EMPress enables tree-guided, interactive, and exploratory analyses of multi-omic datasets		5
3	American Gut: an Open Platform for Citizen-Science Microbiome Research		11
2	Multi-omics profiling of Earth's biomes reveals that microbial and metabolite composition are shaped by the environment		3
1	Multiomic Analyses of Nascent Preterm Infant Microbiomes Differentiation Suggest Opportunities for Targeted Intervention. <i>Advanced Biology</i> , 2101313		0