Se Jin Song

List of Publications by Citations

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	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. *Nature Biotechnology*, **2019**, 37, 852-857	44.5	4050
51	A communal catalogue reveals Earth's multiscale microbial diversity. *Nature*, **2017**, 551, 457-463	50.4	1076
50	Cohabiting family members share microbiota with one another and with their dogs. *ELife*, **2013**, 2, e00458	8.9	616
49	Partial restoration of the microbiota of cesarean-born infants via vaginal microbial transfer. *Nature Medicine*, **2016**, 22, 250-3	50.5	536
48	The microbiome of uncontacted Amerindians. *Science Advances*, **2015**, 1,	14.3	517
47	Advancing our understanding of the human microbiome using QIIME. *Methods in Enzymology*, **2013**, 531, 371-444	1.7	373
46	American Gut: an Open Platform for Citizen Science Microbiome Research. *MSystems*, **2018**, 3,	7.6	336
45	Microbial community assembly and metabolic function during mammalian corpse decomposition. *Science*, **2016**, 351, 158-62	33.3	256
44	Preservation Methods Differ in Fecal Microbiome Stability, Affecting Suitability for Field Studies. *MSystems*, **2016**, 1,	7.6	250
43	Microbiome analyses of blood and tissues suggest cancer diagnostic approach. *Nature*, **2020**, 579, 567-574	50.4	244
42	Convergence of gut microbiomes in myrmecophagous mammals. *Molecular Ecology*, **2014**, 23, 1301-17	5.7	179
41	Balance Trees Reveal Microbial Niche Differentiation. *MSystems*, **2017**, 2,	7.6	177
40	The Effects of Captivity on the Mammalian Gut Microbiome. *Integrative and Comparative Biology*, **2017**, 57, 690-704	2.8	169
39	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. *MBio*, **2016**, 7, e02164-15	7.8	145
38	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		138
37	The human microbiome in evolution. *BMC Biology*, **2017**, 15, 127	7.3	136
36	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. *ISME Journal*, **2019**, 13, 576-587	11.9	132

35	Tiny microbes, enormous impacts: what matters in gut microbiome studies?. *Genome Biology*, **2016**, 17, 217	18.3	86
34	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. *MBio*, **2020**, 11,	7.8	79
33	Learning representations of microbe-metabolite interactions. *Nature Methods*, **2019**, 16, 1306-1314	21.6	79
32	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science **2018**,		78
31	Evaluating the impact of domestication and captivity on the horse gut microbiome. *Scientific Reports*, **2017**, 7, 15497	4.9	64
30	Using the gut microbiota as a novel tool for examining colobine primate GI health. *Global Ecology and Conservation*, **2016**, 7, 225-237	2.8	48
29	Walls talk: Microbial biogeography of homes spanning urbanization. *Science Advances*, **2016**, 2, e1501061	14.3	47
28	How delivery mode and feeding can shape the bacterial community in the infant gut. *Cmaj*, **2013**, 185, 373-4	3.5	45
27	From Sample to Multi-Omics Conclusions in under 48 Hours. *MSystems*, **2016**, 1,	7.6	45
26	Home chemical and microbial transitions across urbanization. *Nature Microbiology*, **2020**, 5, 108-115	26.6	43
25	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. *MSystems*, **2016**, 1,	7.6	41
24	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		36
23	Consumption of Fermented Foods Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. *MSystems*, **2020**, 5,	7.6	33
22	Stress response, gut microbial diversity and sexual signals correlate with social interactions. *Biology Letters*, **2016**, 12,	3.6	33
21	Engineering the microbiome for animal health and conservation. *Experimental Biology and Medicine*, **2019**, 244, 494-504	3.7	33
20	Major shifts in gut microbiota during development and its relationship to growth in ostriches. *Molecular Ecology*, **2019**, 28, 2653-2667	5.7	31
19	Prevalence and genetic diversity of Blastocystis in family units living in the United States. *Infection, Genetics and Evolution*, **2016**, 45, 95-97	4.5	23
18	Trace Evidence Potential in Postmortem Skin Microbiomes: From Death Scene to Morgue. *Journal of Forensic Sciences*, **2019**, 64, 791-798	1.8	19

17	Are microbiome studies ready for hypothesis-driven research?. *Current Opinion in Microbiology*, **2018**, 44, 61-69	7.9	18
16	Bacterial modification of the host glycosaminoglycan heparan sulfate modulates SARS-CoV-2 infectivity **2020**,		14
15	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. *MSystems*, **2021**, 6,	7.6	14
14	Is there convergence of gut microbes in blood-feeding vertebrates?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2019**, 374, 20180249	5.8	11
13	American Gut: an Open Platform for Citizen-Science Microbiome Research		11
12	Early-life gut dysbiosis linked to juvenile mortality in ostriches. *Microbiome*, **2020**, 8, 147	16.6	10
11	Reproducibility, stability, and accuracy of microbial profiles by fecal sample collection method in three distinct populations. *PLoS ONE*, **2019**, 14, e0224757	3.7	10
10	Naturalization of the microbiota developmental trajectory of Cesarean-born neonates after vaginal seeding.. *Med*, **2021**, 2, 951-964.e5	31.7	8
9	Evaluation of the Effect of Storage Methods on Fecal, Saliva, and Skin Microbiome Composition. *MSystems*, **2021**, 6,	7.6	6
8	EMPress enables tree-guided, interactive, and exploratory analyses of multi-omic datasets		5
7	Multi-omics profiling of Earth's biomes reveals that microbial and metabolite composition are shaped by the environment		3
6	Reply to: Examining microbe-metabolite correlations by linear methods. *Nature Methods*, **2021**, 18, 40-41	21.6	2
5	Early-life gut dysbiosis linked to mass mortality in ostriches		1
4	Coinfection and infection duration shape how pathogens affect the African buffalo gut microbiota. *ISME Journal*, **2021**, 15, 1359-1371	11.9	1
3	The impact of maternal asthma on the preterm infants' gut metabolome and microbiome (MAP study).. *Scientific Reports*, **2022**, 12, 6437	4.9	1
2	Compositionally Aware Phylogenetic Beta-Diversity Measures Better Resolve Microbiomes Associated with Phenotype.. *MSystems*, **2022**, e0005022	7.6	0
1	Multiomic Analyses of Nascent Preterm Infant Microbiomes Differentiation Suggest Opportunities for Targeted Intervention. *Advanced Biology*,2101313		0