Robert M Brucker

List of Publications by Year
in descending order

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35 papers	4,043 citations	304743 22 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	4942 citing authors

#	Article	IF	Citations
1	An optimized method for Nasonia germ-free rearing. Scientific Reports, 2022, 12, 219.	3.3	2
2	When your host shuts down: larval diapause impacts host-microbiome interactions in Nasonia vitripennis. Microbiome, 2021, 9, 85.	11.1	18
3	Coadaptation between host genome and microbiome under long-term xenobiotic-induced selection. Science Advances, 2021, 7, .	10.3	14
4	Reply to Kenyon, â€œAre Differences in the Oral Microbiome Due to Ancestry or Socioeconomics?â€• MSystems, 2020, 5, .	3.8	0
5	Spider phylosymbiosis: divergence of widow spider species and their tissuesâ€™ microbiomes. BMC Evolutionary Biology, 2020, 20, 104.	3.2	14
6	Changes in Microbiome Confer Multigenerational Host Resistance after Sub-toxic Pesticide Exposure. Cell Host and Microbe, 2020, 27, 213-224.e7.	11.0	77
7	Cigarette smoking and oral microbiota in low-income and African-American populations. Journal of Epidemiology and Community Health, 2019, 73, 1108-1115.	3.7	26
8	Genome Sequence of Enterococcus faecalis NVIT04, Isolated from Nasonia vitripennis. Microbiology Resource Announcements, 2019, 8, .	0.6	0
9	Genome Sequence of Providencia rettgeri NVIT03, Isolated from Nasonia vitripennis. Microbiology Resource Announcements, 2019, 8, .	0.6	5
10	Racial Differences in the Oral Microbiome: Data from Low-Income Populations of African Ancestry and European Ancestry. MSystems, 2019, 4, .	3.8	32
11	Distinct mucosal microbial communities in infants with surgical necrotizing enterocolitis correlate with age and antibiotic exposure. PLoS ONE, 2018, 13, e0206366.	2.5	14
12	Bacterial DNA is present in the fetal intestine and overlaps with that in the placenta in mice. PLoS ONE, 2018, 13, e0197439.	2.5	44
13	Establishment of F1 hybrid mortality in real time. BMC Evolutionary Biology, 2017, 17, 37.	3.2	3
14	Mosquito Microbiome Dynamics, a Background for Prevalence and Seasonality of West Nile Virus. Frontiers in Microbiology, 2017, 8, 526.	3.5	114
15	Using â€œOmicsâ€•and Integrated Multi-Omics Approaches to Guide Probiotic Selection to Mitigate Chytridiomycosis and Other Emerging Infectious Diseases. Frontiers in Microbiology, 2016, 7, 68.	3.5	135
16	Disentangling a Holobiont â€“ Recent Advances and Perspectives in Nasonia Wasps. Frontiers in Microbiology, 2016, 7, 1478.	3.5	48
17	Getting the Hologenome Concept Right: an Eco-Evolutionary Framework for Hosts and Their Microbiomes. MSystems, 2016, 1, .	3.8	388
18	Airway bacteria drive a progressive COPD-like phenotype in mice with polymeric immunoglobulin receptor deficiency. Nature Communications, 2016, 7, 11240.	12.8	91

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19	Phylosymbiosis: Relationships and Functional Effects of Microbial Communities across Host Evolutionary History. PLoS Biology, 2016, 14, e2000225.	5.6	475
20	Bile diversion to the distal small intestine has comparable metabolic benefits to bariatric surgery. Nature Communications, 2015, 6, 7715.	12.8	156
21	Response to Comment on â€œThe hologenomic basis of speciation: Gut bacteria cause hybrid lethality in the genus Nasonia â€. Science, 2014, 345, 1011-1011.	12.6	12
22	Early life establishment of site-specific microbial communities in the gut. Gut Microbes, 2014, 5, 192-201.	9.8	55
23	Disease defence through generations: leafâ€cutter ants and their symbiotic bacteria. Molecular Ecology, 2013, 22, 4141-4143.	3.9	3
24	The Hologenomic Basis of Speciation: Gut Bacteria Cause Hybrid Lethality in the Genus Nasonia. Science, 2013, 341, 667-669.	12.6	379
25	The capacious hologenome. Zoology, 2013, 116, 260-261.	1.2	50
26	Speciation by symbiosis. Trends in Ecology and Evolution, 2012, 27, 443-451.	8.7	326
27	Insect Innate Immunity Database (IIID): An Annotation Tool for Identifying Immune Genes in Insect Genomes. PLoS ONE, 2012, 7, e45125.	2.5	62
28	In Vitro Cultivation of the Hymenoptera Genetic Model, Nasonia. PLoS ONE, 2012, 7, e51269.	2.5	16
29	THE ROLES OF HOST EVOLUTIONARY RELATIONSHIPS (GENUS:â€,NASONIA) AND DEVELOPMENT IN STRUCTURING MICROBIAL COMMUNITIES. Evolution; International Journal of Organic Evolution, 2012, 66, 349-362.	2.3	166
30	Towards a Better Understanding of the Use of Probiotics for Preventing Chytridiomycosis in Panamanian Golden Frogs. EcoHealth, 2011, 8, 501-506.	2.0	113
31	Disruption of the Termite Gut Microbiota and Its Prolonged Consequences for Fitness. Applied and Environmental Microbiology, 2011, 77, 4303-4312.	3.1	107
32	Skin microbes on frogs prevent morbidity and mortality caused by a lethal skin fungus. ISME Journal, 2009, 3, 818-824.	9.8	478
33	The Bacterially Produced Metabolite Violacein Is Associated with Survival of Amphibians Infected with a Lethal Fungus. Applied and Environmental Microbiology, 2009, 75, 6635-6638.	3.1	173
34	The Identification of 2,4-diacetylphloroglucinol as an Antifungal Metabolite Produced by Cutaneous Bacteria of the Salamander Plethodon cinereus. Journal of Chemical Ecology, 2008, 34, 39-43.	1.8	138
35	Amphibian Chemical Defense: Antifungal Metabolites of the Microsymbiont Janthinobacterium lividum on the Salamander Plethodon cinereus. Journal of Chemical Ecology, 2008, 34, 1422-1429.	1.8	272