Robert M Brucker

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2804143/publications.pdf

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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	Skin microbes on frogs prevent morbidity and mortality caused by a lethal skin fungus. ISME Journal, 2009, 3, 818-824.	9.8	478
2	Phylosymbiosis: Relationships and Functional Effects of Microbial Communities across Host Evolutionary History. PLoS Biology, 2016, 14, e2000225.	5.6	475
3	Getting the Hologenome Concept Right: an Eco-Evolutionary Framework for Hosts and Their Microbiomes. MSystems, 2016, 1, .	3.8	388
4	The Hologenomic Basis of Speciation: Gut Bacteria Cause Hybrid Lethality in the Genus Nasonia. Science, 2013, 341, 667-669.	12.6	379
5	Speciation by symbiosis. Trends in Ecology and Evolution, 2012, 27, 443-451.	8.7	326
6	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
7	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
8	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
9	Bile diversion to the distal small intestine has comparable metabolic benefits to bariatric surgery. Nature Communications, 2015, 6, 7715.	12.8	156
10	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
11	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
12	Mosquito Microbiome Dynamics, a Background for Prevalence and Seasonality of West Nile Virus. Frontiers in Microbiology, 2017, 8, 526.	3.5	114
13	Towards a Better Understanding of the Use of Probiotics for Preventing Chytridiomycosis in Panamanian Golden Frogs. EcoHealth, 2011, 8, 501-506.	2.0	113
14	Disruption of the Termite Gut Microbiota and Its Prolonged Consequences for Fitness. Applied and Environmental Microbiology, 2011, 77, 4303-4312.	3.1	107
15	Airway bacteria drive a progressive COPD-like phenotype in mice with polymeric immunoglobulin receptor deficiency. Nature Communications, 2016, 7, 11240.	12.8	91
16	Changes in Microbiome Confer Multigenerational Host Resistance after Sub-toxic Pesticide Exposure. Cell Host and Microbe, 2020, 27, 213-224.e7.	11.0	77
17	Insect Innate Immunity Database (IIID): An Annotation Tool for Identifying Immune Genes in Insect Genomes. PLoS ONE, 2012, 7, e45125.	2.5	62
18	Early life establishment of site-specific microbial communities in the gut. Gut Microbes, 2014, 5, 192-201.	9.8	55

#	Article	IF	Citations
19	The capacious hologenome. Zoology, 2013, 116, 260-261.	1.2	50
20	Disentangling a Holobiont â€“ Recent Advances and Perspectives in Nasonia Wasps. Frontiers in Microbiology, 2016, 7, 1478.	3.5	48
21	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
22	Racial Differences in the Oral Microbiome: Data from Low-Income Populations of African Ancestry and European Ancestry. MSystems, 2019, 4, .	3.8	32
23	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
24	When your host shuts down: larval diapause impacts host-microbiome interactions in Nasonia vitripennis. Microbiome, 2021, 9, 85.	11.1	18
25	In Vitro Cultivation of the Hymenoptera Genetic Model, Nasonia. PLoS ONE, 2012, 7, e51269.	2.5	16
26	Distinct mucosal microbial communities in infants with surgical necrotizing enterocolitis correlate with age and antibiotic exposure. PLoS ONE, 2018, 13, e0206366.	2.5	14
27	Spider phylosymbiosis: divergence of widow spider species and their tissuesâ€™ microbiomes. BMC Evolutionary Biology, 2020, 20, 104.	3.2	14
28	Coadaptation between host genome and microbiome under long-term xenobiotic-induced selection. Science Advances, 2021, 7, .	10.3	14
29	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
30	Genome Sequence of Providencia rettgeri NVIT03, Isolated from Nasonia vitripennis. Microbiology Resource Announcements, 2019, 8, .	0.6	5
31	Disease defence through generations: leafâ€cutter ants and their symbiotic bacteria. Molecular Ecology, 2013, 22, 4141-4143.	3.9	3
32	Establishment of F1 hybrid mortality in real time. BMC Evolutionary Biology, 2017, 17, 37.	3.2	3
33	An optimized method for Nasonia germ-free rearing. Scientific Reports, 2022, 12, 219.	3.3	2
34	Genome Sequence of Enterococcus faecalis NVIT04, Isolated from Nasonia vitripennis. Microbiology Resource Announcements, 2019, 8, .	0.6	0
35	Reply to Kenyon, â€œAre Differences in the Oral Microbiome Due to Ancestry or Socioeconomics?â€• MSystems, 2020, 5, .	3.8	0