

Luke McNally

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3319123/publications.pdf>

Version: 2024-02-01

26
papers

2,348
citations

394421

19
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

4133
citing authors

#	ARTICLE	IF	CITATIONS
1	Global monitoring of antimicrobial resistance based on metagenomics analyses of urban sewage. <i>Nature Communications</i> , 2019, 10, 1124.	12.8	612
2	On the dimensionality of ecological stability. <i>Ecology Letters</i> , 2013, 16, 421-429.	6.4	315
3	The biogeography of polymicrobial infection. <i>Nature Reviews Microbiology</i> , 2016, 14, 93-105.	28.6	233
4	Combinatorial quorum sensing allows bacteria to resolve their social and physical environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4280-4284.	7.1	163
5	Killing by Type VI secretion drives genetic phase separation and correlates with increased cooperation. <i>Nature Communications</i> , 2017, 8, 14371.	12.8	143
6	Metabolic rate and body size are linked with perception of temporal information. <i>Animal Behaviour</i> , 2013, 86, 685-696.	1.9	118
7	Colour Patterns Do Not Diagnose Species: Quantitative Evaluation of a DNA Barcoded Cryptic Bumblebee Complex. <i>PLoS ONE</i> , 2012, 7, e29251.	2.5	108
8	Beyond killing. <i>Evolution, Medicine and Public Health</i> , 2016, 2016, 148-157.	2.5	87
9	Vultures acquire information on carcass location from scavenging eagles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141072.	2.6	71
10	Quorum sensing protects bacterial co-operation from exploitation by cheats. <i>ISME Journal</i> , 2016, 10, 1706-1716.	9.8	67
11	Building the microbiome in health and disease: niche construction and social conflict in bacteria. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140298.	4.0	63
12	Cooperation and the evolution of intelligence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3027-3034.	2.6	58
13	Cooperative secretions facilitate host range expansion in bacteria. <i>Nature Communications</i> , 2014, 5, 4594.	12.8	43
14	Division of Labor, Bet Hedging, and the Evolution of Mixed Biofilm Investment Strategies. <i>MBio</i> , 2017, 8, .	4.1	36
15	Cooperation creates selection for tactical deception. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130699.	2.6	32
16	Kin selection explains the evolution of cooperation in the gut microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
17	Microbiome: Ecology of stable gut communities. <i>Nature Microbiology</i> , 2016, 1, 15016.	13.3	26
18	Secrets of the Hospital Underbelly: Patterns of Abundance of Antimicrobial Resistance Genes in Hospital Wastewater Vary by Specific Antimicrobial and Bacterial Family. <i>Frontiers in Microbiology</i> , 2021, 12, 703560.	3.5	26

#	ARTICLE	IF	CITATIONS
19	Disease spread in age structured populations with maternal age effects. <i>Ecology Letters</i> , 2017, 20, 445-451.	6.4	24
20	Ignoring discards biases the assessment of fisheries' ecological fingerprint. <i>Biology Letters</i> , 2013, 9, 20130812.	2.3	23
21	The relative efficiency of modular and non-modular networks of different size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142568.	2.6	22
22	Single gene locus changes perturb complex microbial communities as much as apex predator loss. <i>Nature Communications</i> , 2015, 6, 8235.	12.8	15
23	Flexible strategies, forgiveness, and the evolution of generosity in one-shot encounters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E971; author reply E972.	7.1	14
24	Antimicrobial resistance in hospital wastewater in Scotland: a cross-sectional metagenomics study. <i>Lancet, The</i> , 2019, 394, S1.	13.7	9
25	Pathogen Dynamics across the Diversity of Aging. <i>American Naturalist</i> , 2021, 197, 203-215.	2.1	6
26	Visualizing evolution as it happens. <i>Science</i> , 2016, 353, 1096-1097.	12.6	0