

Rachel J Dutton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3805421/publications.pdf>

Version: 2024-02-01

17
papers

11,738
citations

623574

14
h-index

940416

16
g-index

29
all docs

29
docs citations

29
times ranked

19348
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet rapidly and reproducibly alters the human gut microbiome. <i>Nature</i> , 2014, 505, 559-563.	13.7	7,592
2	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	9.4	2,802
3	Cheese Rind Communities Provide Tractable Systems for In Situ and In Vitro Studies of Microbial Diversity. <i>Cell</i> , 2014, 158, 422-433.	13.5	500
4	Fermented Foods as Experimentally Tractable Microbial Ecosystems. <i>Cell</i> , 2015, 161, 49-55.	13.5	278
5	Biotic Interactions Shape the Ecological Distributions of <i>Staphylococcus</i> Species. <i>MBio</i> , 2016, 7, .	1.8	103
6	Extensive horizontal gene transfer in cheese-associated bacteria. <i>ELife</i> , 2017, 6, .	2.8	103
7	Changes in the genetic requirements for microbial interactions with increasing community complexity. <i>ELife</i> , 2018, 7, .	2.8	67
8	Taking a metagenomic view of human nutrition. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 448-454.	1.3	54
9	Bacterial-fungal interactions revealed by genome-wide analysis of bacterial mutant fitness. <i>Nature Microbiology</i> , 2021, 6, 87-102.	5.9	49
10	The significance of cooking for early hominin scavenging. <i>Journal of Human Evolution</i> , 2015, 84, 62-70.	1.3	38
11	Native mass spectrometry-based metabolomics identifies metal-binding compounds. <i>Nature Chemistry</i> , 2022, 14, 100-109.	6.6	30
12	Cheese microbes. <i>Current Biology</i> , 2012, 22, R587-R589.	1.8	28
13	Putting microbial interactions back into community contexts. <i>Current Opinion in Microbiology</i> , 2022, 65, 56-63.	2.3	24
14	Experimental approaches to tracking mobile genetic elements in microbial communities. <i>FEMS Microbiology Reviews</i> , 2020, 44, 606-630.	3.9	23
15	BLANKA: an Algorithm for Blank Subtraction in Mass Spectrometry of Complex Biological Samples. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1426-1434.	1.2	11
16	Towards an Ecosystem Approach to Cheese Microbiology. <i>Microbiology Spectrum</i> , 2013, 1, .	1.2	6
17	Towards an Ecosystem Approach to Cheese Microbiology. , 0, , 311-321.		1