

Timothy R Sampson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

6,138
citations

430874

18
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

9408
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiota Regulate Motor Deficits and Neuroinflammation in a Model of Parkinson's Disease. <i>Cell</i> , 2016, 167, 1469-1480.e12.	28.9	2,399
2	The Central Nervous System and the Gut Microbiome. <i>Cell</i> , 2016, 167, 915-932.	28.9	985
3	Control of Brain Development, Function, and Behavior by the Microbiome. <i>Cell Host and Microbe</i> , 2015, 17, 565-576.	11.0	815
4	A CRISPR/Cas system mediates bacterial innate immune evasion and virulence. <i>Nature</i> , 2013, 497, 254-257.	27.8	395
5	A gut bacterial amyloid promotes α -synuclein aggregation and motor impairment in mice. <i>ELife</i> , 2020, 9, .	6.0	251
6	Gut-seeded α -synuclein fibrils promote gut dysfunction and brain pathology specifically in aged mice. <i>Nature Neuroscience</i> , 2020, 23, 327-336.	14.8	247
7	Cas9-mediated targeting of viral RNA in eukaryotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6164-6169.	7.1	222
8	Rapid Killing of <i>Acinetobacter baumannii</i> by Polymyxins Is Mediated by a Hydroxyl Radical Death Pathway. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5642-5649.	3.2	159
9	Subversion of Host Recognition and Defense Systems by <i>Francisella</i> spp. <i>Microbiology and Molecular Biology Reviews</i> , 2012, 76, 383-404.	6.6	134
10	A CRISPR-Cas system enhances envelope integrity mediating antibiotic resistance and inflammasome evasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11163-11168.	7.1	90
11	CRISPR-Cas systems: new players in gene regulation and bacterial physiology. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 37.	3.9	80
12	Exploiting CRISPR-Cas systems for biotechnology. <i>BioEssays</i> , 2014, 36, 34-38.	2.5	55
13	Mycobacteriophages BPs, Angel and Halo: comparative genomics reveals a novel class of ultra-small mobile genetic elements. <i>Microbiology (United Kingdom)</i> , 2009, 155, 2962-2977.	1.8	53
14	I can see CRISPR now, even when phage are gone. <i>Current Opinion in Infectious Diseases</i> , 2015, 28, 267-274.	3.1	45
15	Alternative Roles for CRISPR/Cas Systems in Bacterial Pathogenesis. <i>PLoS Pathogens</i> , 2013, 9, e1003621.	4.7	41
16	Repression of bacterial lipoprotein production by <i>Francisella novicida</i> facilitates evasion of innate immune recognition. <i>Cellular Microbiology</i> , 2012, 14, 1531-1543.	2.1	38
17	The impact of indigenous microbes on Parkinson's disease. <i>Neurobiology of Disease</i> , 2020, 135, 104426.	4.4	29
18	Cas9-dependent endogenous gene regulation is required for bacterial virulence. <i>Biochemical Society Transactions</i> , 2013, 41, 1407-1411.	3.4	27

#	ARTICLE	IF	CITATIONS
19	Defining Dysbiosis in Disorders of Movement and Motivation. <i>Journal of Neuroscience</i> , 2018, 38, 9414-9422.	3.6	17
20	Degeneration of a CRISPR/Cas system and its regulatory target during the evolution of a pathogen. <i>RNA Biology</i> , 2013, 10, 1618-1622.	3.1	14
21	Overview of CRISPR-Cas9 Biology. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top088849.	0.3	14
22	The gut-brain axis goes viral. <i>Cell Host and Microbe</i> , 2022, 30, 283-285.	11.0	5
23	Traumatic spinal cord injury and the contributions of the post-injury microbiome. <i>International Review of Neurobiology</i> , 2022, , 251-290.	2.0	2
24	Soluble TNF mediates high-fat and high-carbohydrate diet-induced inflammation, alterations in peripheral blood and brain immunophenotype, and gut microbiome in a mouse model of amyloid pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, e040436.	0.8	0
25	Low-dose oral pyrethroid exposure induces gastrointestinal dysfunction and alters nigrostriatal dopamine signaling pathways in mice. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
26	The role of soluble TNF in mediating immune and metabolic alterations in a mouse model of amyloid-beta pathology.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e055753.	0.8	0