

# Timothy R Sampson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3586367/publications.pdf>

Version: 2024-02-01

26  
papers

6,138  
citations

430754

18  
h-index

580701

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.	13.5	2,399
2	The Central Nervous System and the Gut Microbiome. <i>Cell</i> , 2016, 167, 915-932.	13.5	985
3	Control of Brain Development, Function, and Behavior by the Microbiome. <i>Cell Host and Microbe</i> , 2015, 17, 565-576.	5.1	815
4	A CRISPR/Cas system mediates bacterial innate immune evasion and virulence. <i>Nature</i> , 2013, 497, 254-257.	13.7	395
5	A gut bacterial amyloid promotes $\alpha$ -synuclein aggregation and motor impairment in mice. <i>ELife</i> , 2020, 9, .	2.8	251
6	Gut-seeded $\alpha$ -synuclein fibrils promote gut dysfunction and brain pathology specifically in aged mice. <i>Nature Neuroscience</i> , 2020, 23, 327-336.	7.1	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.	3.3	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.	1.4	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.	2.9	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.	3.3	90
11	CRISPR-Cas systems: new players in gene regulation and bacterial physiology. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 37.	1.8	80
12	Exploiting CRISPR-Cas systems for biotechnology. <i>BioEssays</i> , 2014, 36, 34-38.	1.2	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.	0.7	53
14	I can see CRISPR now, even when phage are gone. <i>Current Opinion in Infectious Diseases</i> , 2015, 28, 267-274.	1.3	45
15	Alternative Roles for CRISPR/Cas Systems in Bacterial Pathogenesis. <i>PLoS Pathogens</i> , 2013, 9, e1003621.	2.1	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.	1.1	38
17	The impact of indigenous microbes on Parkinson's disease. <i>Neurobiology of Disease</i> , 2020, 135, 104426.	2.1	29
18	Cas9-dependent endogenous gene regulation is required for bacterial virulence. <i>Biochemical Society Transactions</i> , 2013, 41, 1407-1411.	1.6	27

#	ARTICLE	IF	CITATIONS
19	Defining Dysbiosis in Disorders of Movement and Motivation. <i>Journal of Neuroscience</i> , 2018, 38, 9414-9422.	1.7	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.	1.5	14
21	Overview of CRISPR-Cas9 Biology. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top088849.	0.2	14
22	The gut-brain axis goes viral. <i>Cell Host and Microbe</i> , 2022, 30, 283-285.	5.1	5
23	Traumatic spinal cord injury and the contributions of the post-injury microbiome. <i>International Review of Neurobiology</i> , 2022, , 251-290.	0.9	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.	0.4	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.	0.4	0