Timothy R Sampson

List of Publications by Year
in descending order

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	The gut-brain axis goes viral. Cell Host and Microbe, 2022, 30, 283-285.	5.1	5
2	Traumatic spinal cord injury and the contributions of the post-injury microbiome. International Review of Neurobiology, 2022, , 251-290.	0.9	2
3	Low-dose oral pyrethroid exposure induces gastrointestinal dysfunction and alters nigrostriatal dopamine signaling pathways in mice. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
4	The role of soluble TNF in mediating immune and metabolic alterations in a mouse model of amyloid-beta pathology.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e055753.	0.4	0
5	The impact of indigenous microbes on Parkinson's disease. Neurobiology of Disease, 2020, 135, 104426.	2.1	29
6	Soluble TNF mediates highâ€fat and highâ€carbohydrate dietâ€“induced inflammation, alterations in peripheral blood and brain immunophenotype, and gut microbiome in a mouse model of amyloid pathology. Alzheimer's and Dementia, 2020, 16, e040436.	0.4	0
7	Gut-seeded Î±-synuclein fibrils promote gut dysfunction and brain pathology specifically in aged mice. Nature Neuroscience, 2020, 23, 327-336.	7.1	247
8	A gut bacterial amyloid promotes Î±-synuclein aggregation and motor impairment in mice. ELife, 2020, 9, .	2.8	251
9	Defining Dysbiosis in Disorders of Movement and Motivation. Journal of Neuroscience, 2018, 38, 9414-9422.	1.7	17
10	Gut Microbiota Regulate Motor Deficits and Neuroinflammation in a Model of Parkinsonâ€™s Disease. Cell, 2016, 167, 1469-1480.e12.	13.5	2,399
11	Overview of CRISPRâ€“Cas9 Biology. Cold Spring Harbor Protocols, 2016, 2016, pdb.top088849.	0.2	14
12	The Central Nervous System and the Gut Microbiome. Cell, 2016, 167, 915-932.	13.5	985
13	I can see CRISPR now, even when phage are gone. Current Opinion in Infectious Diseases, 2015, 28, 267-274.	1.3	45
14	Cas9-mediated targeting of viral RNA in eukaryotic cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6164-6169.	3.3	222
15	Control of Brain Development, Function, and Behavior by the Microbiome. Cell Host and Microbe, 2015, 17, 565-576.	5.1	815
16	Exploiting <scp>CRISPR</scp>/<scp>C</scp>as systems for biotechnology. BioEssays, 2014, 36, 34-38.	1.2	55
17	A CRISPR-Cas system enhances envelope integrity mediating antibiotic resistance and inflammasome evasion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11163-11168.	3.3	90
18	CRISPR-Cas systems: new players in gene regulation and bacterial physiology. Frontiers in Cellular and Infection Microbiology, 2014, 4, 37.	1.8	80

#	Article	IF	Citations
19	A CRISPR/Cas system mediates bacterial innate immune evasion and virulence. Nature, 2013, 497, 254-257.	13.7	395
20	Cas9-dependent endogenous gene regulation is required for bacterial virulence. Biochemical Society Transactions, 2013, 41, 1407-1411.	1.6	27
21	Alternative Roles for CRISPR/Cas Systems in Bacterial Pathogenesis. PLoS Pathogens, 2013, 9, e1003621.	2.1	41
22	Degeneration of a CRISPR/Cas system and its regulatory target during the evolution of a pathogen. RNA Biology, 2013, 10, 1618-1622.	1.5	14
23	Subversion of Host Recognition and Defense Systems by Francisella spp. Microbiology and Molecular Biology Reviews, 2012, 76, 383-404.	2.9	134
24	Rapid Killing of Acinetobacter baumannii by Polymyxins Is Mediated by a Hydroxyl Radical Death Pathway. Antimicrobial Agents and Chemotherapy, 2012, 56, 5642-5649.	1.4	159
25	Repression of bacterial lipoprotein production byFrancisella novicidafacilitates evasion of innate immune recognition. Cellular Microbiology, 2012, 14, 1531-1543.	1.1	38
26	Mycobacteriophages BPs, Angel and Halo: comparative genomics reveals a novel class of ultra-small mobile genetic elements. Microbiology (United Kingdom), 2009, 155, 2962-2977.	0.7	53