Brian C Weinrick

List of Publications by Year
in descending order

32 papers	2,345 citations	279798 23 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	3671 citing authors

#	Article	IF	Citations
1	Multiple genetic paths including massive gene amplification allow <i>Mycobacterium tuberculosis</i> to overcome loss of ESX-3 secretion system substrates. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
2	High-throughput phenotyping reveals expansive genetic and structural underpinnings of immune variation. Nature Immunology, 2020, 21, 86-100.	14.5	32
3	Characterization of Large Deletion Mutants of Mycobacterium tuberculosis Selected for Isoniazid Resistance. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	3
4	Drivers and sites of diversity in the DNA adenine methylomes of 93 Mycobacterium tuberculosis complex clinical isolates. ELife, 2020, 9, .	6.0	24
5	Genotyping of Mycobacterium tuberculosis Rifampin Resistance-Associated Mutations by Use of Data from Xpert MTB/RIF Ultra Enables Large-Scale Tuberculosis Molecular Epidemiology Studies. Journal of Clinical Microbiology, 2019, 58, .	3.9	1
6	Plasticity of <i>Mycobacterium tuberculosis</i> NADH dehydrogenases and their role in virulence. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1599-1604.	7.1	58
7	Vaginal microbiome modulates topical antiretroviral drug pharmacokinetics. JCI Insight, 2018, 3, .	5.0	30
8	Rational Design of Biosafety Level 2-Approved, Multidrug-Resistant Strains of Mycobacterium tuberculosis through Nutrient Auxotrophy. MBio, 2018, 9, .	4.1	50
9	Arginine-deprivationâ€“induced oxidative damage sterilizes <i>Mycobacterium tuberculosis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9779-9784.	7.1	97
10	Enhanced respiration prevents drug tolerance and drug resistance in <i>Mycobacterium tuberculosis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4495-4500.	7.1	157
11	Enhanced control of Mycobacterium tuberculosis extrapulmonary dissemination in mice by an arabinomannan-protein conjugate vaccine. PLoS Pathogens, 2017, 13, e1006250.	4.7	74
12	Herpes Simplex Virus (HSV)-2 Candidate Vaccine Virus Deleted in Glycoprotein D (Î”gD-2) Elicits High-Titer Immunoglobulin (Ig)G2 Antibodies With Antibody-Dependent Cell-Mediated Cytotoxicity (ADCC) Activity, Protects Mice From Skin and Vaginal Challenge With Clinical Isolates of HSV-1 and HSV-2, and Prevents the Establishment of Latency. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
13	The Type of Growth Medium Affects the Presence of a Mycobacterial Capsule and Is Associated With Differences in Protective Efficacy of BCG Vaccination Against<i>Mycobacterium tuberculosis</i>. Journal of Infectious Diseases, 2016, 214, 426-437.	4.0	29
14	Dual-Reporter Mycobacteriophages (Î¦ ² DRMs) Reveal Preexisting Mycobacterium tuberculosis Persistent Cells in Human Sputum. MBio, 2016, 7, .	4.1	67
15	HSV-2 Î”gD elicits FcÎ³R-effector antibodies that protect against clinical isolates. JCI Insight, 2016, 1, .	5.0	56
16	The p60 and NamA autolysins from<i>L</i><i>isteria monocytogenes</i>contribute to host colonization and induction of protective memory. Cellular Microbiology, 2015, 17, 147-163.	2.1	10
17	Structural characterization of muropeptides from <i>Chlamydia trachomatis</i> peptidoglycan by mass spectrometry resolves â€œchlamydial anomalyâ€. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11660-11665.	7.1	55
18	Succinate Dehydrogenase is the Regulator of Respiration in Mycobacterium tuberculosis. PLoS Pathogens, 2014, 10, e1004510.	4.7	87

#	Article	IF	Citations
19	Phosphorylation of KasB Regulates Virulence and Acid-Fastness in Mycobacterium tuberculosis. PLoS Pathogens, 2014, 10, e1004115.	4.7	63
20	Role for Mycobacterium tuberculosis Membrane Vesicles in Iron Acquisition. Journal of Bacteriology, 2014, 196, 1250-1256.	2.2	164
21	Identification of a small molecule with activity against drug-resistant and persistent tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2510-7.	7.1	188
22	Mycobacterium tuberculosis is extraordinarily sensitive to killing by a vitamin C-induced Fenton reaction. Nature Communications, 2013, 4, 1881.	12.8	261
23	Keto-Mycolic Acid-Dependent Pellicle Formation Confers Tolerance to Drug-Sensitive Mycobacterium tuberculosis. MBio, 2013, 4, e00222-13.	4.1	103
24	Alteration of Metabolic Program by whiB6 Enhances Tuberculosis Persistence. FASEB Journal, 2012, 26, 222.3.	0.5	0
25	NAD⁺ auxotrophy is bacteriocidal for the tubercle bacilli. Molecular Microbiology, 2010, 76, 365-377.	2.5	49
26	Self-poisoning of Mycobacterium tuberculosis by targeting GlgE in an Î±-glucan pathway. Nature Chemical Biology, 2010, 6, 376-384.	8.0	141
27	Trehalose-recycling ABC transporter LpqY-SugA-SugB-SugC is essential for virulence of <i>Mycobacterium tuberculosis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21761-21766.	7.1	177
28	Efficacy and immunogenicity of Mycobacterium bovis Î”RD1 against aerosol M. bovis infection in neonatal calves. Vaccine, 2009, 27, 1201-1209.	3.8	66
29	Effect of Mild Acid on Gene Expression in Staphylococcus aureus. Journal of Bacteriology, 2004, 186, 8407-8423.	2.2	173
30	Restoration of Mga Function to aStreptococcus pyogenes Strain (M Type 50) That Is Virulent in Mice. Infection and Immunity, 2001, 69, 1215-1220.	2.2	9
31	Role of Streptolysin O in a Mouse Model of Invasive Group A Streptococcal Disease. Infection and Immunity, 2000, 68, 6384-6390.	2.2	90
32	Role of Streptolysin O in a Mouse Model of Invasive Group A Streptococcal Disease. Infection and Immunity, 2000, 68, 6384-6390.	2.2	8