

Gunnar Neels Schroeder

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,945
citations

361413

20
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2648
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Pathogenesis of <i>Shigella</i> spp.: Controlling Host Cell Signaling, Invasion, and Death by Type III Secretion. <i>Clinical Microbiology Reviews</i> , 2008, 21, 134-156.	13.6	504
2	<i>Salmonella bongori</i> Provides Insights into the Evolution of the Salmonellae. <i>PLoS Pathogens</i> , 2011, 7, e1002191.	4.7	171
3	More than 18,000 effectors in the <i>Legionella</i> genus genome provide multiple, independent combinations for replication in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2265-2273.	7.1	164
4	The <i>Citrobacter rodentium</i> Genome Sequence Reveals Convergent Evolution with Human Pathogenic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2010, 192, 525-538.	2.2	156
5	EspL is a bacterial cysteine protease effector that cleaves RHIM proteins to block necroptosis and inflammation. <i>Nature Microbiology</i> , 2017, 2, 16258.	13.3	141
6	<i>Legionella pneumophila</i> Strain 130b Possesses a Unique Combination of Type IV Secretion Systems and Novel Dot/Icm Secretion System Effector Proteins. <i>Journal of Bacteriology</i> , 2010, 192, 6001-6016.	2.2	104
7	<i>Legionella pneumophila</i> Pathogenesis in the <i>Galleria mellonella</i> Infection Model. <i>Infection and Immunity</i> , 2012, 80, 2780-2790.	2.2	99
8	Use of <i>Galleria mellonella</i> as a Model Organism to Study <i>Legionella pneumophila</i> Infection. <i>Journal of Visualized Experiments</i> , 2013, , e50964.	0.3	84
9	The <i>Legionella pneumophila</i> Dot/Icm-secreted Effector PlcC/CegC1 Together with PlcA and PlcB Promotes Virulence and Belongs to a Novel Zinc Metallophospholipase C Family Present in Bacteria and Fungi. <i>Journal of Biological Chemistry</i> , 2013, 288, 11080-11092.	3.4	50
10	The Dot/Icm Effector SdhA Is Necessary for Virulence of <i>Legionella pneumophila</i> in <i>Galleria mellonella</i> and A/J Mice. <i>Infection and Immunity</i> , 2013, 81, 2598-2605.	2.2	45
11	<i>Legionella pneumophila</i> Effector LpdA Is a Palmitoylated Phospholipase D Virulence Factor. <i>Infection and Immunity</i> , 2015, 83, 3989-4002.	2.2	42
12	Binding to Na ⁺ /H ⁺ exchanger regulatory factor 2 (NHERF2) affects trafficking and function of the enteropathogenic <i>Escherichia coli</i> type III secretion system effectors Map, EspL and NleH. <i>Cellular Microbiology</i> , 2010, 12, 1718-1731.	2.1	41
13	The Toolbox for Uncovering the Functions of <i>Legionella</i> Dot/Icm Type IVb Secretion System Effectors: Current State and Future Directions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 528.	3.9	38
14	Intracellular type III secretion by cytoplasmic <i>Shigella flexneri</i> promotes caspase-1-dependent macrophage cell death. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2862-2876.	1.8	34
15	LtpD Is a Novel <i>Legionella pneumophila</i> Effector That Binds Phosphatidylinositol 3-Phosphate and Inositol Monophosphatase IMPA1. <i>Infection and Immunity</i> , 2013, 81, 4261-4270.	2.2	33
16	Mutational analysis of a type II thioesterase associated with nonribosomal peptide synthesis. <i>FEBS Journal</i> , 2004, 271, 1536-1545.	0.2	32
17	Creating a customized intracellular niche: subversion of host cell signaling by <i>Legionella</i> type IV secretion system effectors. <i>Canadian Journal of Microbiology</i> , 2015, 61, 617-635.	1.7	31
18	A New Method To Determine <i>In Vivo</i> Interactomes Reveals Binding of the <i>Legionella pneumophila</i> Effector PieE to Multiple Rab GTPases. <i>MBio</i> , 2014, 5, .	4.1	29

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19	Precisionâ€cut lung slices: A powerful ex vivo model to investigate respiratory infectious diseases. <i>Molecular Microbiology</i> , 2022, 117, 578-588.	2.5	29
20	Cholesterol is required to trigger caspase-1 activation and macrophage apoptosis after phagosomal escape of <i>Shigella</i> . <i>Cellular Microbiology</i> , 2007, 9, 265-278.	2.1	25
21	The <i>Legionella pneumophila</i> Dot/Icm type IV secretion system and its effectors. <i>Microbiology (United Kingdom)</i> , 2018, 162, 1843-1854.	1.8	18
22	The <i>Legionella</i> effector LtpM is a new type of phosphoinositide-activated glucosyltransferase. <i>Journal of Biological Chemistry</i> , 2019, 294, 2862-5740.	3.4	15
23	BopC is a type III secreted effector protein of <i>Burkholderia pseudomallei</i> . <i>FEMS Microbiology Letters</i> , 2011, 323, 75-82.	1.8	14
24	The Rab-binding Profiles of Bacterial Virulence Factors during Infection. <i>Journal of Biological Chemistry</i> , 2016, 291, 5832-5843.	3.4	14
25	Mesenchymal Stromal Cells: an Antimicrobial and Host-Directed Therapy for Complex Infectious Diseases. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0006421.	13.6	13
26	Host manipulation by bacterial type III and type IV secretion system effector proteases. <i>Cellular Microbiology</i> , 2021, 23, e13384.	2.1	9
27	The <i>Galleria mellonella</i> Infection Model for Investigating the Molecular Mechanisms of <i>Legionella</i> Virulence. <i>Methods in Molecular Biology</i> , 2019, 1921, 333-346.	0.9	6
28	Glycosylating Effectors of <i>Legionella pneumophila</i> : Finding the Sweet Spots for Host Cell Subversion. <i>Biomolecules</i> , 2022, 12, 255.	4.0	2
29	Determination of In Vivo Interactomes of Dot/Icm Type IV Secretion System Effectors by Tandem Affinity Purification. <i>Methods in Molecular Biology</i> , 2019, 1921, 289-303.	0.9	1
30	Editorial: Bacterial Effectors as Drivers of Human Disease: Models, Methods, Mechanisms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 708228.	3.9	1