

Mingqun Lin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,242
citations

279798

23
h-index

302126

39
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all docs

41
docs citations

41
times ranked

2018
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Genomics of Emerging Human Ehrlichiosis Agents. <i>PLoS Genetics</i> , 2006, 2, e21.	3.5	423
2	<i>Ehrlichia chaffeensis</i> and <i>Anaplasma phagocytophilum</i> Lack Genes for Lipid A Biosynthesis and Incorporate Cholesterol for Their Survival. <i>Infection and Immunity</i> , 2003, 71, 5324-5331.	2.2	250
3	<i>Anaplasma phagocytophilum</i> AnkA secreted by type IV secretion system is tyrosine phosphorylated by Abl-1 to facilitate infection. <i>Cellular Microbiology</i> , 2007, 9, 2644-2657.	2.1	174
4	Obligatory intracellular parasitism by <i>Ehrlichia chaffeensis</i> and <i>Anaplasma phagocytophilum</i> involves caveolae and glycosylphosphatidylinositol-anchored proteins. <i>Cellular Microbiology</i> , 2003, 5, 809-820.	2.1	97
5	<i>Ehrlichia</i> type IV secretion effector ECH0825 is translocated to mitochondria and curbs ROS and apoptosis by upregulating host MnSOD. <i>Cellular Microbiology</i> , 2012, 14, 1037-1050.	2.1	85
6	<i>Anaplasma phagocytophilum</i> and <i>Ehrlichia chaffeensis</i> type IV secretion and Ank proteins. <i>Current Opinion in Microbiology</i> , 2010, 13, 59-66.	5.1	81
7	<i>Anaplasma phagocytophilum</i> inhibits human neutrophil apoptosis via upregulation of bfl-1, maintenance of mitochondrial membrane potential and prevention of caspase 3 activation. <i>Cellular Microbiology</i> , 2004, 7, 29-38.	2.1	77
8	Intra-leukocyte expression of two-component systems in <i>Ehrlichia chaffeensis</i> and <i>Anaplasma phagocytophilum</i> and effects of the histidine kinase inhibitor closantel. <i>Cellular Microbiology</i> , 2006, 8, 1241-1252.	2.1	75
9	<i>Ehrlichia chaffeensis</i> downregulates surface Toll-like receptors 2/4, CD14 and transcription factors PU.1 and inhibits lipopolysaccharide activation of NF- κ B, ERK 1/2 and p38 MAPK in host monocytes. <i>Cellular Microbiology</i> , 2004, 6, 175-186.	2.1	67
10	Global Proteomic Analysis of Two Tick-Borne Emerging Zoonotic Agents: <i>Anaplasma Phagocytophilum</i> and <i>Ehrlichia Chaffeensis</i> . <i>Frontiers in Microbiology</i> , 2011, 2, 24.	3.5	65
11	<i>Ehrlichia</i> secretes Etf-1 to induce autophagy and capture nutrients for its growth through RAB5 and class III phosphatidylinositol 3-kinase. <i>Autophagy</i> , 2016, 12, 2145-2166.	9.1	63
12	Biochemical Activities of Three Pairs of <i>Ehrlichia chaffeensis</i> Two-Component Regulatory System Proteins Involved in Inhibition of Lysosomal Fusion. <i>Infection and Immunity</i> , 2006, 74, 5014-5022.	2.2	60
13	Rapid Activation of Protein Tyrosine Kinase and Phospholipase C- β 2 and Increase in Cytosolic Free Calcium Are Required by <i>Ehrlichia chaffeensis</i> for Internalization and Growth in THP-1 Cells. <i>Infection and Immunity</i> , 2002, 70, 889-898.	2.2	57
14	Cholesterol-Dependent <i>Anaplasma phagocytophilum</i> Exploits the Low-Density Lipoprotein Uptake Pathway. <i>PLoS Pathogens</i> , 2009, 5, e1000329.	4.7	53
15	Proteomic Analysis of and Immune Responses to <i>Ehrlichia chaffeensis</i> Lipoproteins. <i>Infection and Immunity</i> , 2008, 76, 3405-3414.	2.2	49
16	<i>Ehrlichia chaffeensis</i> Uses Its Surface Protein EtpE to Bind GPI-Anchored Protein DNase X and Trigger Entry into Mammalian Cells. <i>PLoS Pathogens</i> , 2013, 9, e1003666.	4.7	47
17	Degradation of p22phox and inhibition of superoxide generation by <i>Ehrlichia chaffeensis</i> in human monocytes. <i>Cellular Microbiology</i> , 2007, 9, 861-874.	2.1	45
18	Microreview: Type IV secretion in the obligatory intracellular bacterium <i>Anaplasma phagocytophilum</i> . <i>Cellular Microbiology</i> , 2010, 12, 1213-1221.	2.1	44

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19	<i>Ehrlichia</i> type IV secretion system effector Etf-2 binds to active RAB5 and delays endosome maturation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8977-E8986.	7.1	44
20	<i>Ehrlichia chaffeensis</i> Proliferation Begins with NtrY/NtrX and PutA/GlnA Upregulation and CtrA Degradation Induced by Proline and Glutamine Uptake. MBio, 2014, 5, e02141.	4.1	42
21	Analysis of complete genome sequence of <i>Neorickettsia risticii</i> : causative agent of Potomac horse fever. Nucleic Acids Research, 2009, 37, 6076-6091.	14.5	40
22	Iron robbery by intracellular pathogen via bacterial effector induced ferritinophagy. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
23	Efficient Enrichment of Bacterial mRNA from Host-Bacteria Total RNA Samples. Scientific Reports, 2016, 6, 34850.	3.3	32
24	EtpE Binding to DNase X Induces Ehrlichial Entry via CD147 and hnRNP-K Recruitment, Followed by Mobilization of N-WASP and Actin. MBio, 2015, 6, e01541-15.	4.1	23
25	<i>Ehrlichia chaffeensis</i> and Its Invasin EtpE Block Reactive Oxygen Species Generation by Macrophages in a DNase X-Dependent Manner. MBio, 2017, 8, .	4.1	22
26	IKK β in intestinal epithelial cells regulates allergen-specific IgA and allergic inflammation at distant mucosal sites. Mucosal Immunology, 2014, 7, 257-267.	6.0	21
27	Comparative Analysis of Genome of <i>Ehrlichia</i> sp. HF, a Model Bacterium to Study Fatal Human Ehrlichiosis. BMC Genomics, 2021, 22, 11.	2.8	21
28	Infection by <i>Anaplasma phagocytophilum</i> Requires Recruitment of Low-Density Lipoprotein Cholesterol by Flotillins. MBio, 2019, 10, .	4.1	20
29	Host membrane lipids are trafficked to membranes of intravacuolar bacterium <i>Ehrlichia chaffeensis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8032-8043.	7.1	20
30	An intracellular nanobody targeting T4SS effector inhibits <i>Ehrlichia</i> infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
31	Type IV Secretion System of <i>Anaplasma phagocytophilum</i> and <i>Ehrlichia chaffeensis</i> . Annals of the New York Academy of Sciences, 2009, 1166, 106-111.	3.8	16
32	Isolation and Molecular Analysis of a Novel <i>Neorickettsia</i> Species That Causes Potomac Horse Fever. MBio, 2020, 11, .	4.1	15
33	Discovery of in vivo Virulence Genes of Obligatory Intracellular Bacteria by Random Mutagenesis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 2.	3.9	12
34	Analysis of complete genome sequence and major surface antigens of <i>Neorickettsia helminthoeca</i> , causative agent of salmon poisoning disease. Microbial Biotechnology, 2017, 10, 933-957.	4.2	11
35	An Entry-Triggering Protein of <i>Ehrlichia</i> Is a New Vaccine Candidate against Tick-Borne Human Monocytic Ehrlichiosis. MBio, 2020, 11, .	4.1	11
36	<i>Anaplasma phagocytophilum</i> Hijacks Flotillin and NPC1 Complex To Acquire Intracellular Cholesterol for Proliferation, Which Can Be Inhibited with Ezetimibe. MBio, 2021, 12, e0229921.	4.1	11

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37	Immunomodulated signaling in macrophages: Studies on activation of Raf-1, MAPK, cPLA2 and secretion of IL-12. <i>Science in China Series C: Life Sciences</i> , 1997, 40, 583-592.	1.3	5
38	Real-Time PCR Differential Detection of <i>Neorickettsia findlayensis</i> and <i>N. risticii</i> in Cases of Potomac Horse Fever. <i>Journal of Clinical Microbiology</i> , 0, , .	3.9	2