

Thomas Henry

List of Publications by Year in descending order

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85
papers

7,407
citations

66343

42
h-index

58581

82
g-index

96
all docs

96
docs citations

96
times ranked

10228
citing authors

#	ARTICLE	IF	CITATIONS
1	Should we stimulate or suppress immune responses in COVID-19? Cytokine and anti-cytokine interventions. <i>Autoimmunity Reviews</i> , 2020, 19, 102567.	5.8	521
2	T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. <i>Journal of Experimental Medicine</i> , 2014, 211, 563-577.	8.5	462
3	Absent in melanoma 2 is required for innate immune recognition of <i>Francisella tularensis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9771-9776.	7.1	454
4	Critical function for Naip5 in inflammasome activation by a conserved carboxy-terminal domain of flagellin. <i>Nature Immunology</i> , 2008, 9, 1171-1178.	14.5	428
5	<i>Staphylococcus aureus</i> Hemolysins, bi-component Leukocidins, and Cytolytic Peptides: A Redundant Arsenal of Membrane-Damaging Virulence Factors?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 12.	3.9	315
6	In vivo negative selection screen identifies genes required for <i>Francisella</i> virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6037-6042.	7.1	298
7	Type I interferon signaling is required for activation of the inflammasome during <i>Francisella</i> infection. <i>Journal of Experimental Medicine</i> , 2007, 204, 987-994.	8.5	291
8	Guanylate-binding proteins promote activation of the AIM2 inflammasome during infection with <i>Francisella novicida</i> . <i>Nature Immunology</i> , 2015, 16, 476-484.	14.5	291
9	The <i>Staphylococcal</i> Toxin Panton-Valentine Leukocidin Targets Human C5a Receptors. <i>Cell Host and Microbe</i> , 2013, 13, 584-594.	11.0	250
10	The Intracellular Fate of <i>Salmonella</i> Depends on the Recruitment of Kinesin. <i>Science</i> , 2005, 308, 1174-1178.	12.6	214
11	AIM2/ASC triggers caspase-8-dependent apoptosis in <i>Francisella</i> -infected caspase-1-deficient macrophages. <i>Cell Death and Differentiation</i> , 2012, 19, 1709-1721.	11.2	212
12	<i>LPS</i> targets host guanylate-binding proteins to the bacterial outer membrane for non-canonical inflammasome activation. <i>EMBO Journal</i> , 2018, 37, .	7.8	184
13	Guanylate-binding proteins convert cytosolic bacteria into caspase-4 signaling platforms. <i>Nature Immunology</i> , 2020, 21, 880-891.	14.5	182
14	Regulation of Mouse NK Cell Development and Function by Cytokines. <i>Frontiers in Immunology</i> , 2013, 4, 450.	4.8	155
15	The <i>Salmonella</i> effector protein PipB2 is a linker for kinesin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13497-13502.	7.1	153
16	Pathogenesis of adult-onset Still's disease: new insights from the juvenile counterpart. <i>Immunologic Research</i> , 2015, 61, 53-62.	2.9	148
17	Human caspase-4 detects tetra-acylated LPS and cytosolic <i>Francisella</i> and functions differently from murine caspase-11. <i>Nature Communications</i> , 2018, 9, 242.	12.8	144
18	Type I IFN Signaling Constrains IL-17A/F Secretion by $\gamma\delta$ T Cells during Bacterial Infections. <i>Journal of Immunology</i> , 2010, 184, 3755-3767.	0.8	134

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19	The staphylococcal toxins $\hat{\beta}$ -haemolysin AB and CB differentially target phagocytes by employing specific chemokine receptors. <i>Nature Communications</i> , 2014, 5, 5438.	12.8	126
20	AIM2 inflammasome is activated by pharmacological disruption of nuclear envelope integrity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4671-80.	7.1	106
21	Intracellular bacteria engage a STING-TBK1-MVB12b pathway to enable paracrine cGAS-STING signalling. <i>Nature Microbiology</i> , 2019, 4, 701-713.	13.3	100
22	Cross-talk between <i>Staphylococcus aureus</i> leukocidins-intoxicated macrophages and lung epithelial cells triggers chemokine secretion in an inflammasome-dependent manner. <i>Cellular Microbiology</i> , 2012, 14, 1019-1036.	2.1	99
23	The Translocated <i>Salmonella</i> Effector Proteins SseF and SseG Interact and Are Required To Establish an Intracellular Replication Niche. <i>Infection and Immunity</i> , 2006, 74, 6965-6972.	2.2	98
24	<i>Staphylococcus aureus</i> Targets the Duffy Antigen Receptor for Chemokines (DARC) to Lyse Erythrocytes. <i>Cell Host and Microbe</i> , 2015, 18, 363-370.	11.0	88
25	Contribution of Flagellin Pattern Recognition to Intestinal Inflammation during <i>Salmonella enterica</i> Serotype Typhimurium Infection. <i>Infection and Immunity</i> , 2009, 77, 1904-1916.	2.2	86
26	Caspase-11 Controls Interleukin-1 β Release through Degradation of TRPC1. <i>Cell Reports</i> , 2014, 6, 1122-1128.	6.4	86
27	Activation of the inflammasome upon <i>Francisella tularensis</i> infection: interplay of innate immune pathways and virulence factors. <i>Cellular Microbiology</i> , 2007, 9, 2543-2551.	2.1	81
28	Treatment of adult-onset Still's disease: a review. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 33.	2.0	73
29	Differential Interaction of the Staphylococcal Toxins Panton-Valentine Leukocidin and $\hat{\beta}$ -Hemolysin CB with Human C5a Receptors. <i>Journal of Immunology</i> , 2015, 195, 1034-1043.	0.8	69
30	The Virulence Protein SopD2 Regulates Membrane Dynamics of <i>Salmonella</i> -Containing Vacuoles. <i>PLoS Pathogens</i> , 2010, 6, e1001002.	4.7	67
31	Familial Mediterranean fever mutations are hypermorphic mutations that specifically decrease the activation threshold of the Pyrin inflammasome. <i>Rheumatology</i> , 2018, 57, 100-111.	1.9	67
32	Human CD45 is an F-component-specific receptor for the staphylococcal toxin Panton-Valentine leukocidin. <i>Nature Microbiology</i> , 2018, 3, 708-717.	13.3	63
33	Improved methods for producing outer membrane vesicles in Gram-negative bacteria. <i>Research in Microbiology</i> , 2004, 155, 437-446.	2.1	62
34	Molecular motors hijacking by intracellular pathogens. <i>Cellular Microbiology</i> , 2006, 8, 23-32.	2.1	62
35	Delivery of Multiple Epitopes by Recombinant Detoxified Adenylate Cyclase of <i>Bordetella pertussis</i> Induces Protective Antiviral Immunity. <i>Journal of Virology</i> , 2001, 75, 7330-7338.	3.4	61
36	A genome-wide screen identifies IRF2 as a key regulator of caspase-4 in human cells. <i>EMBO Reports</i> , 2019, 20, e48235.	4.5	58

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37	Pyrin dephosphorylation is sufficient to trigger inflammasome activation in familial Mediterranean fever patients. <i>EMBO Molecular Medicine</i> , 2019, 11, e10547.	6.9	54
38	Characterization of the Inflammasome in Human Kupffer Cells in Response to Synthetic Agonists and Pathogens. <i>Journal of Immunology</i> , 2016, 197, 356-367.	0.8	53
39	NLRP3 phosphorylation in its LRR domain critically regulates inflammasome assembly. <i>Nature Communications</i> , 2021, 12, 5862.	12.8	52
40	S1PR5 is pivotal for the homeostasis of patrolling monocytes. <i>European Journal of Immunology</i> , 2013, 43, 1667-1675.	2.9	49
41	Glutamate Utilization Couples Oxidative Stress Defense and the Tricarboxylic Acid Cycle in <i>Francisella</i> Phagosomal Escape. <i>PLoS Pathogens</i> , 2014, 10, e1003893.	4.7	49
42	Asparagine assimilation is critical for intracellular replication and dissemination of <i>Francisella</i> . <i>Cellular Microbiology</i> , 2014, 16, 434-449.	2.1	49
43	<i>Francisella Tularensis</i> : Activation of the Inflammasome. <i>Annals of the New York Academy of Sciences</i> , 2007, 1105, 219-237.	3.8	46
44	Irgm2 and Gatec16 cooperatively dampen Gram-negative bacteria-induced caspase-11 response. <i>EMBO Reports</i> , 2020, 21, e50829.	4.5	45
45	Identification of <i>Salmonella</i> functions critical for bacterial cell division within eukaryotic cells. <i>Molecular Microbiology</i> , 2005, 56, 252-267.	2.5	43
46	Transcriptional Regulation of Inflammasomes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8087.	4.1	43
47	IFN- γ extends the immune functions of Guanylate Binding Proteins to inflammasome-independent antibacterial activities during <i>Francisella novicida</i> infection. <i>PLoS Pathogens</i> , 2017, 13, e1006630.	4.7	41
48	<i>Francisella tularensis</i> IglG Belongs to a Novel Family of PAAR-Like T6SS Proteins and Harbors a Unique N-terminal Extension Required for Virulence. <i>PLoS Pathogens</i> , 2016, 12, e1005821.	4.7	41
49	The pyrin inflammasome: from sensing RhoA GTPases-inhibiting toxins to triggering autoinflammatory syndromes. <i>Pathogens and Disease</i> , 2018, 76, .	2.0	40
50	Inflammasome activation restricts <i>Legionella pneumophila</i> replication in primary microglial cells through flagellin detection. <i>Glia</i> , 2013, 61, 539-549.	4.9	39
51	Multiple <i>Pseudomonas</i> species secrete exolysin-like toxins and provoke Caspase-1-dependent macrophage death. <i>Environmental Microbiology</i> , 2017, 19, 4045-4064.	3.8	36
52	ASC Controls IFN- γ Levels in an IL-18-Dependent Manner in Caspase-1-Deficient Mice Infected with <i>Francisella novicida</i> . <i>Journal of Immunology</i> , 2013, 191, 3847-3857.	0.8	31
53	Geoeidemiology and Immunologic Features of Autoinflammatory Diseases: a Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2018, 54, 454-479.	6.5	27
54	Importance of Host Cell Arginine Uptake in <i>Francisella</i> Phagosomal Escape and Ribosomal Protein Amounts*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 870-881.	3.8	24

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55	Kineret®/IL-1ra Blocks the IL-1/IL-8 Inflammatory Cascade during Recombinant Panton Valentine Leukocidin-Triggered Pneumonia but Not during <i>S. aureus</i> Infection. <i>PLoS ONE</i> , 2014, 9, e97546.	2.5	24
56	Human papillomavirus type 16 antagonizes IRF6 regulation of IL-1 β . <i>PLoS Pathogens</i> , 2018, 14, e1007158.	4.7	21
57	Human Monocyte-Derived Osteoclasts Are Targeted by Staphylococcal Pore-Forming Toxins and Superantigens. <i>PLoS ONE</i> , 2016, 11, e0150693.	2.5	19
58	The Inflammasome Components NLRP3 and ASC Act in Concert with IRGM To Rearrange the Golgi Apparatus during Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2021, 95, .	3.4	19
59	An In Vitro Co-culture Mouse Model Demonstrates Efficient Vaccine-Mediated Control of <i>Francisella tularensis</i> SCHU S4 and Identifies Nitric Oxide as a Predictor of Efficacy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 152.	3.9	18
60	Induction of protective antiviral cytotoxic T cells by a tubular structure capable of carrying large foreign sequences. <i>Vaccine</i> , 2002, 20, 1369-1377.	3.8	17
61	LACC1 deficiency links juvenile arthritis with autophagy and metabolism in macrophages. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	17
62	Transcriptional and Epigenetic Regulation of Gasdermins. <i>Journal of Molecular Biology</i> , 2022, 434, 167253.	4.2	17
63	<i>Francisella</i> Inflammasomes: Integrated Responses to a Cytosolic Stealth Bacterium. <i>Current Topics in Microbiology and Immunology</i> , 2016, 397, 229-256.	1.1	16
64	Fast diagnostic test for familial Mediterranean fever based on a kinase inhibitor. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 128-132.	0.9	16
65	Caspase-1 activity affects AIM2 speck formation/stability through a negative feedback loop. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 14.	3.9	13
66	Inherited anomalies of innate immune receptors in pediatric-onset inflammatory diseases. <i>Autoimmunity Reviews</i> , 2015, 14, 1147-1153.	5.8	13
67	A proximity-dependent biotinylation (BioID) approach flags the p62/sequestosome-1 protein as a caspase-1 substrate. <i>Journal of Biological Chemistry</i> , 2018, 293, 12563-12575.	3.4	13
68	Detection and Prediction of Macrophage Activation Syndrome in Stillé's Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 206.	2.4	11
69	Amoebae can promote the survival of <i>Francisella</i> species in the aquatic environment. <i>Emerging Microbes and Infections</i> , 2021, 10, 277-290.	6.5	10
70	Catch me if you can. <i>ELife</i> , 2016, 5, .	6.0	9
71	Necrotizing Soft Tissue Infection <i>Staphylococcus aureus</i> but not <i>S. pyogenes</i> Isolates Display High Rates of Internalization and Cytotoxicity Toward Human Myoblasts. <i>Journal of Infectious Diseases</i> , 2019, 220, 710-719.	4.0	8
72	Critical Role of a Sheath Phosphorylation Site On the Assembly and Function of an Atypical Type VI Secretion System. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2418-2432.	3.8	8

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73	Low glycosylated ferritin is a sensitive biomarker of severe COVID-19. Cellular and Molecular Immunology, 2020, 17, 1183-1185.	10.5	7
74	Deletion of Inflammasome Components Is Not Sufficient To Prevent Fatal Inflammation in Models of Familial Hemophagocytic Lymphohistiocytosis. Journal of Immunology, 2018, 200, 3769-3776.	0.8	5
75	Fulminant Staphylococcal Infections. Microbiology Spectrum, 2018, 6, .	3.0	5
76	Guanylate-Binding Proteins Are Critical for Effective Control of Francisella tularensis Strains in a Mouse Co-Culture System of Adaptive Immunity. Frontiers in Cellular and Infection Microbiology, 2020, 10, 594063.	3.9	5
77	Functional Assessment of Disease-Associated Pyrin Variants. Methods in Molecular Biology, 2022, , 179-195.	0.9	4
78	Evidence for Constitutive Microbiota-Dependent Short-Term Control of Food Intake in Mice: Is There a Link with Inflammation, Oxidative Stress, Endotoxemia, and GLP-1?. Antioxidants and Redox Signaling, 2022, 37, 349-369.	5.4	3
79	Macrophages Demonstrate Guanylate-Binding Protein-Dependent and Bacterial Strain-Dependent Responses to Francisella tularensis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 784101.	3.9	3
80	Pre-existing antibody-mediated adverse effects prevent the clinical development of a bacterial anti-inflammatory protein. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	2
81	Francisella IgG protein and the DUF4280 proteins: PAAR-like proteins in non-canonical Type VI secretion systems?. Microbial Cell, 2016, 3, 576-578.	3.2	1
82	O107 ANTIVIRAL ACTIVITY OF VARIOUS INTERFERONS (IFNS) AND INFLAMMATORY CYTOKINES IN RELEVANT HEPATOCYTE MODELS OF PERSISTENT HEPATITIS B VIRUS (HBV) INFECTION. Journal of Hepatology, 2014, 60, S43.	3.7	0
83	Fulminant Staphylococcal Infections. , 2019, , 712-722.		0
84	The Inflammasome Adaptor ASC Delays UV-Induced Skin Tumorigenesis in Beta HPV38 E6 and E7 Transgenic Mice. Journal of Investigative Dermatology, 2021, 141, 236-238.e2.	0.7	0
85	Intracytosolic Sensing of Pathogens: Nucleic Acid Receptors, NLRs, and the Associated Responses during Infections and Autoinflammatory Diseases. , 0, , 153-169.		0