

Adeline M Hajjar

List of Publications by Year in descending order

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49
papers

6,052
citations

159573

30
h-index

197805

49
g-index

54
all docs

54
docs citations

54
times ranked

7242
citing authors

#	ARTICLE	IF	CITATIONS
1	The Toll-like receptor 2 is recruited to macrophage phagosomes and discriminates between pathogens. <i>Nature</i> , 1999, 401, 811-815.	27.8	1,295
2	Human Toll-like receptor 4 recognizes host-specific LPS modifications. <i>Nature Immunology</i> , 2002, 3, 354-359.	14.5	548
3	<i>Porphyrromonas gingivalis</i> Lipopolysaccharide Contains Multiple Lipid A Species That Functionally Interact with Both Toll-Like Receptors 2 and 4. <i>Infection and Immunity</i> , 2004, 72, 5041-5051.	2.2	452
4	Cutting Edge: Functional Interactions Between Toll-Like Receptor (TLR) 2 and TLR1 or TLR6 in Response to Phenol-Soluble Modulin. <i>Journal of Immunology</i> , 2001, 166, 15-19.	0.8	441
5	Induction of Proinflammatory Responses in Macrophages by the Glycosylphosphatidylinositols of <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 8606-8616.	3.4	437
6	Neonatal Innate TLR-Mediated Responses Are Distinct from Those of Adults. <i>Journal of Immunology</i> , 2009, 183, 7150-7160.	0.8	390
7	Toll-like Receptor 1 Polymorphisms Affect Innate Immune Responses and Outcomes in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 710-720.	5.6	258
8	Respiratory epithelial cells regulate lung inflammation in response to inhaled endotoxin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L143-L152.	2.9	189
9	Cutting Edge: Myeloid Differentiation Factor 88 Is Essential for Pulmonary Host Defense against <i>Pseudomonas aeruginosa</i> but Not <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2004, 172, 3377-3381.	0.8	174
10	Characterization of flagellin expression and its role in <i>Listeria monocytogenes</i> infection and immunity. <i>Cellular Microbiology</i> , 2004, 6, 235-242.	2.1	164
11	Ontogeny of Toll-Like Receptor Mediated Cytokine Responses of Human Blood Mononuclear Cells. <i>PLoS ONE</i> , 2010, 5, e15041.	2.5	148
12	Lack of In Vitro and In Vivo Recognition of <i>Francisella tularensis</i> Subspecies Lipopolysaccharide by Toll-Like Receptors. <i>Infection and Immunity</i> , 2006, 74, 6730-6738.	2.2	147
13	Redundant Toll-like receptor signaling in the pulmonary host response to <i>Pseudomonas aeruginosa</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L312-L322.	2.9	124
14	Human gut bacteria contain acquired interbacterial defence systems. <i>Nature</i> , 2019, 575, 224-228.	27.8	99
15	Inactivation of Chibby affects function of motile airway cilia. <i>Journal of Cell Biology</i> , 2009, 185, 225-233.	5.2	81
16	<i>Pseudomonas aeruginosa</i> lipid A diversity and its recognition by Toll-like receptor 4. <i>Journal of Endotoxin Research</i> , 2003, 9, 395-400.	2.5	80
17	A <i>Francisella</i> Mutant in Lipid A Carbohydrate Modification Elicits Protective Immunity. <i>PLoS Pathogens</i> , 2008, 4, e24.	4.7	76
18	Cutting Edge: Protective Cell-Mediated Immunity to <i>Listeria monocytogenes</i> in the Absence of Myeloid Differentiation Factor 88. <i>Journal of Immunology</i> , 2003, 171, 533-537.	0.8	70

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19	An Essential Role for Non-“Bone Marrow”-Derived Cells in Control of <i>Pseudomonas aeruginosa</i> Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 33, 470-475.	2.9	64
20	Humanized TLR4/MD-2 Mice Reveal LPS Recognition Differentially Impacts Susceptibility to <i>Yersinia pestis</i> and <i>Salmonella enterica</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002963.	4.7	64
21	Administration of a Synthetic TLR4 Agonist Protects Mice from Pneumonic Tularemia. <i>Journal of Immunology</i> , 2008, 180, 7574-7581.	0.8	57
22	CFTR dysregulation drives active selection of the gut microbiome. <i>PLoS Pathogens</i> , 2020, 16, e1008251.	4.7	57
23	Induction of Protective Immunity to <i>Listeria monocytogenes</i> in Neonates. <i>Journal of Immunology</i> , 2007, 178, 3695-3701.	0.8	46
24	Polychromatic flow cytometric high-throughput assay to analyze the innate immune response to Toll-like receptor stimulation. <i>Journal of Immunological Methods</i> , 2008, 336, 183-192.	1.4	46
25	Substitution of the <i>Bordetella pertussis</i> Lipid A Phosphate Groups with Glucosamine Is Required for Robust NF- κ B Activation and Release of Proinflammatory Cytokines in Cells Expressing Human but Not Murine Toll-Like Receptor 4-MD-2-CD14. <i>Infection and Immunity</i> , 2010, 78, 2060-2069.	2.2	45
26	Innate Immune Detection of Flagellin Positively and Negatively Regulates <i>Salmonella</i> Infection. <i>PLoS ONE</i> , 2013, 8, e72047.	2.5	40
27	Temporal and Anatomical Host Resistance to Chronic <i>Salmonella</i> Infection Is Quantitatively Dictated by Nramp1 and Influenced by Host Genetic Background. <i>PLoS ONE</i> , 2014, 9, e111763.	2.5	37
28	Potential for using a hermetically-sealed, positive-pressured isocage system for studies involving germ-free mice outside a flexible-film isolator. <i>Gut Microbes</i> , 2015, 6, 255-265.	9.8	36
29	The microbial gbu gene cluster links cardiovascular disease risk associated with red meat consumption to microbiota l-carnitine catabolism. <i>Nature Microbiology</i> , 2022, 7, 73-86.	13.3	36
30	Role of Francisella Lipid A Phosphate Modification in Virulence and Long-Term Protective Immune Responses. <i>Infection and Immunity</i> , 2012, 80, 943-951.	2.2	32
31	Variability in the Lipooligosaccharide Structure and Endotoxicity among <i>Bordetella pertussis</i> Strains. <i>Journal of Infectious Diseases</i> , 2010, 202, 1897-1906.	4.0	30
32	NLRC4 and TLR5 Each Contribute to Host Defense in Respiratory Melioidosis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3178.	3.0	27
33	Homeostatic Regulation of <i>Salmonella</i> -Induced Mucosal Inflammation and Injury by IL-23. <i>PLoS ONE</i> , 2012, 7, e37311.	2.5	25
34	Early evolutionary loss of the lipid A modifying enzyme PagP resulting in innate immune evasion in <i>Yersinia pestis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22984-22991.	7.1	22
35	Inhalation of <i>Francisella novicida</i> Δ mgIA causes replicative infection that elicits innate and adaptive responses but is not protective against invasive pneumonic tularemia. <i>Microbes and Infection</i> , 2008, 10, 773-780.	1.9	21
36	Toll-like receptor ϵ 2 and ϵ 4 responses regulate neutrophil infiltration into the junctional epithelium and significantly contribute to the composition of the oral microbiota. <i>Journal of Periodontology</i> , 2019, 90, 1202-1212.	3.4	21

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37	Identification, cloning, expression, and purification of Francisella lpp3: An immunogenic lipoprotein. Microbiological Research, 2010, 165, 531-545.	5.3	16
38	A Novel Class of Small Molecule Agonists with Preference for Human over Mouse TLR4 Activation. PLoS ONE, 2016, 11, e0164632.	2.5	16
39	Expression level of human TLR4 rather than sequence is the key determinant of LPS responsiveness. PLoS ONE, 2017, 12, e0186308.	2.5	16
40	Bordetella pertussis Lipid A Recognition by Toll-like Receptor 4 and MD-2 Is Dependent on Distinct Charged and Uncharged Interfaces. Journal of Biological Chemistry, 2015, 290, 13440-13453.	3.4	14
41	Humanized TLR7/8 Expression Drives Proliferative Multisystemic Histiocytosis in C57BL/6 Mice. PLoS ONE, 2014, 9, e107257.	2.5	13
42	The Toll-like receptor 2 is recruited to macrophage phagosomes and discriminates between pathogens. Nature, 1999, 402, 39-43.	27.8	9
43	TLR Stimulation Dynamically Regulates Heme and Iron Export Gene Expression in Macrophages. Journal of Immunology Research, 2016, 2016, 1-10.	2.2	9
44	Deficient MHC class I cross-presentation of soluble antigen by murine neonatal dendritic cells. Blood, 2004, 103, 4240-4242.	1.4	8
45	Role of TLR4 in Persistent Leptospira interrogans Infection: A Comparative In Vivo Study in Mice. Frontiers in Immunology, 2020, 11, 572999.	4.8	6
46	Macrophage migration inhibitory factor regulates specific innate immune sensor responses in gingival epithelial cells. Journal of Periodontology, 2022, 93, 1940-1950.	3.4	4
47	Ferretting Out the Role of Infection in Cystic Fibrosis Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1243-1244.	5.6	3
48	Expression of human TLR4/myeloid differentiation factor 2 directs an early innate immune response associated with modest increases in bacterial burden during Coxiella burnetii infection. Innate Immunity, 2019, 25, 401-411.	2.4	3
49	Regulation of versican expression by bacterial infection is TLR4-dependent but MyD88-independent (1046.3). FASEB Journal, 2014, 28, 1046.3.	0.5	0