

Rachel M Mcloughlin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68
papers

4,635
citations

32
h-index

68
g-index

74
ext. papers

5,334
ext. citations

7.8
avg, IF

5.34
L-index

#	Paper	IF	Citations
68	The Airway Microbiome-IL-17 Axis: a Critical Regulator of Chronic Inflammatory Disease.. <i>Clinical Reviews in Allergy and Immunology</i> , 2022 , 1	12.3	1
67	Severe COVID-19 is characterised by inflammation and immature myeloid cells early in disease progression.. <i>Heliyon</i> , 2022 , 8, e09230	3.6	1
66	Staphylococcal Protein A Induces Leukocyte Necrosis by Complexing with Human Immunoglobulins. <i>MBio</i> , 2021 , 12, e0089921	7.8	1
65	Making the Most of the Host; Targeting the Autophagy Pathway Facilitates Intracellular Survival in Neutrophils. <i>Frontiers in Immunology</i> , 2021 , 12, 667387	8.4	5
64	Vaccine Research and Development: The Past, Present and Future, Including Novel Therapeutic Strategies. <i>Frontiers in Immunology</i> , 2021 , 12, 705360	8.4	12
63	Targeting Skin-Resident Memory T Cells via Vaccination to Combat Staphylococcus aureus Infections. <i>Trends in Immunology</i> , 2021 , 42, 6-17	14.4	6
62	Effect of IL-8 haplotype on temporal profile in circulating concentrations of interleukin 8 and 25(OH) vitamin D in Holstein-Friesian calves. <i>Veterinary Immunology and Immunopathology</i> , 2021 , 238, 110287	2	1
61	The immune response in bovine primary dermal fibroblasts is influenced by Interleukin 8 promoter haplotype and vitamin D. <i>Veterinary Immunology and Immunopathology</i> , 2021 , 238, 110291	2	1
60	Target the Host, Kill the Bug; Targeting Host Respiratory Immunosuppressive Responses as a Novel Strategy to Improve Bacterial Clearance During Lung Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 767	8.4	3
59	Application of the TruCulture [®] whole blood stimulation system for immune response profiling in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2020 , 221, 110025	2	2
58	Activation of Human V α T Cells by Promotes Enhanced Anti-Staphylococcal Adaptive Immunity. <i>Journal of Immunology</i> , 2020 , 205, 1039-1049	5.3	6
57	Manipulation of Autophagy and Apoptosis Facilitates Intracellular Survival of in Human Neutrophils. <i>Frontiers in Immunology</i> , 2020 , 11, 565545	8.4	5
56	A population of proinflammatory T cells coexpresses α and β cell receptors in mice and humans. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	12
55	Would hemodialysis patients benefit from a Staphylococcus aureus vaccine?. <i>Kidney International</i> , 2019 , 95, 518-525	9.9	
54	Considering the 'Alternatives' for Next-Generation Anti-Staphylococcus aureus Vaccine Development. <i>Trends in Molecular Medicine</i> , 2019 , 25, 171-184	11.5	27
53	Clumping factor B is an important virulence factor during Staphylococcus aureus skin infection and a promising vaccine target. <i>PLoS Pathogens</i> , 2019 , 15, e1007713	7.6	20
52	Toll-like receptor 2-dependent endosomal signaling by in monocytes induces type I interferon and promotes intracellular survival. <i>Journal of Biological Chemistry</i> , 2019 , 294, 17031-17042	5.4	19

51	IL-10 Plays Opposing Roles during Systemic and Localized Infections. <i>Journal of Immunology</i> , 2017 , 198, 2352-2365	5.3	46
50	The circadian protein BMAL1 in myeloid cells is a negative regulator of allergic asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L855-L860	5.8	32
49	Interleukin 8 haplotypes drive divergent responses in uterine endometrial cells and are associated with somatic cell score in Holstein-Friesian cattle. <i>Veterinary Immunology and Immunopathology</i> , 2017 , 184, 18-28	2	5
48	The Staphylococcus aureus Cell Wall-Anchored Protein Clumping Factor A Is an Important T Cell Antigen. <i>Infection and Immunity</i> , 2017 , 85,	3.7	16
47	Bacterial toxins: Offensive, defensive, or something else altogether?. <i>PLoS Pathogens</i> , 2017 , 13, e10064526	5.26	39
46	Memory T Cells-Newly Appreciated Protagonists in Infection and Immunity. <i>Trends in Immunology</i> , 2016 , 37, 690-702	14.4	43
45	Host-Bacterial Crosstalk Determines Staphylococcus aureus Nasal Colonization. <i>Trends in Microbiology</i> , 2016 , 24, 872-886	12.4	55
44	The Role of Staphylococcus aureus Virulence Factors in Skin Infection and Their Potential as Vaccine Antigens. <i>Pathogens</i> , 2016 , 5,	4.5	69
43	Staphylococcus aureus and Influenza A Virus: Partners in Coinfection. <i>MBio</i> , 2016 , 7,	7.8	32
42	In vivo relevance of polymorphic Interleukin 8 promoter haplotype for the systemic immune response to LPS in Holstein-Friesian calves. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 182, 1-10	2	8
41	Manipulation of Autophagy in Phagocytes Facilitates Staphylococcus aureus Bloodstream Infection. <i>Infection and Immunity</i> , 2015 , 83, 3445-57	3.7	61
40	Memory Th1 Cells Are Protective in Invasive Staphylococcus aureus Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1005226	7.6	102
39	TRAM is required for TLR2 endosomal signaling to type I IFN induction. <i>Journal of Immunology</i> , 2014 , 193, 6090-102	5.3	67
38	Targeted nasal vaccination provides antibody-independent protection against Staphylococcus aureus. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1479-84	7	36
37	Interleukin-6 signaling drives fibrosis in unresolved inflammation. <i>Immunity</i> , 2014 , 40, 40-50	32.3	227
36	Staphylococcus aureus Colonization: Modulation of Host Immune Response and Impact on Human Vaccine Design. <i>Frontiers in Immunology</i> , 2014 , 4, 507	8.4	126
35	Staphylococcus aureus infection of mice expands a population of memory T cells that are protective against subsequent infection. <i>Journal of Immunology</i> , 2014 , 192, 3697-708	5.3	97
34	Relative contribution of Th1 and Th17 cells in adaptive immunity to Bordetella pertussis: towards the rational design of an improved acellular pertussis vaccine. <i>PLoS Pathogens</i> , 2013 , 9, e1003264	7.6	212

33	Nlrp-3-driven interleukin 17 production by $\gamma\delta$ cells controls infection outcomes during Staphylococcus aureus surgical site infection. <i>Infection and Immunity</i> , 2013 , 81, 4478-89	3.7	51
32	Longitudinal relationship of early life immunomodulatory T cell phenotype and function to development of allergic sensitization in an urban cohort. <i>Clinical and Experimental Allergy</i> , 2012 , 42, 392-404	4.1	21
31	Nasal colonisation by Staphylococcus aureus depends upon clumping factor B binding to the squamous epithelial cell envelope protein loricrin. <i>PLoS Pathogens</i> , 2012 , 8, e1003092	7.6	103
30	Influence of gastrointestinal commensal bacteria on the immune responses that mediate allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1097-107; quiz 1108-9	11.5	168
29	Bacteroides fragilis-stimulated interleukin-10 contains expanding disease. <i>Journal of Infectious Diseases</i> , 2011 , 204, 363-71	7	32
28	Switching on EMT in the peritoneal membrane: considering the evidence. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 12-5	4.3	5
27	The zwitterionic cell wall teichoic acid of Staphylococcus aureus provokes skin abscesses in mice by a novel CD4+ T-cell-dependent mechanism. <i>PLoS ONE</i> , 2010 , 5, e13227	3.7	27
26	Immunomodulation by zwitterionic polysaccharides 2010 , 957-980		1
25	Loss of CD4+ T cell IL-6R expression during inflammation underlines a role for IL-6 trans signaling in the local maintenance of Th17 cells. <i>Journal of Immunology</i> , 2010 , 184, 2130-9	5.3	131
24	Nitric oxide synthase isoforms play distinct roles during acute peritonitis. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 86-96	4.3	24
23	Pneumolysin activates the NLRP3 inflammasome and promotes proinflammatory cytokines independently of TLR4. <i>PLoS Pathogens</i> , 2010 , 6, e1001191	7.6	266
22	Modulation of the local neutrophil response by a novel hyaluronic acid-binding peptide reduces bacterial burden during staphylococcal wound infection. <i>Infection and Immunity</i> , 2010 , 78, 4176-86	3.7	6
21	Characterization of regulatory T cells in urban newborns. <i>Clinical and Molecular Allergy</i> , 2009 , 7, 8	3.7	18
20	IL-6 regulates neutrophil trafficking during acute inflammation via STAT3. <i>Journal of Immunology</i> , 2008 , 181, 2189-95	5.3	244
19	IFN-gamma regulated chemokine production determines the outcome of Staphylococcus aureus infection. <i>Journal of Immunology</i> , 2008 , 181, 1323-32	5.3	84
18	The Immune System: Defenders of Our Health. <i>FASEB Journal</i> , 2008 , 22, 660.6	0.9	
17	Functional characterization of a soluble gp130 isoform and its therapeutic capacity in an experimental model of inflammatory arthritis. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1662-72		77
16	Hyaluronic acid binding peptides prevent experimental staphylococcal wound infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3856-60	5.9	20

15	A bacterial carbohydrate links innate and adaptive responses through Toll-like receptor 2. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2853-63	16.6	208
14	CD4+ T cells and CXC chemokines modulate the pathogenesis of Staphylococcus aureus wound infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10408-10413	11.5	88
13	IL-6 trans-signaling via STAT3 directs T cell infiltration in acute inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9589-94	11.5	237
12	Hyperactivation of Stat3 in gp130 mutant mice promotes gastric hyperproliferation and desensitizes TGF-beta signaling. <i>Nature Medicine</i> , 2005 , 11, 845-52	50.5	251
11	Resolving Peritoneal Inflammation: Flicking the Right Switches. <i>Peritoneal Dialysis International</i> , 2005 , 25, 223-229	2.8	3
10	Inhibition of Nitric Oxide Synthase Reverses Permeability Changes in a Mouse Model of Acute Peritonitis. <i>Peritoneal Dialysis International</i> , 2005 , 25, 11-14	2.8	13
9	Viral IL-6 blocks neutrophil infiltration during acute inflammation. <i>Journal of Immunology</i> , 2005 , 175, 4024-9	5.3	28
8	Resolving peritoneal inflammation: flicking the right "switches". <i>Peritoneal Dialysis International</i> , 2005 , 25, 223-9	2.8	
7	Inhibition of nitric oxide synthase reverses permeability changes in a mouse model of acute peritonitis. <i>Peritoneal Dialysis International</i> , 2005 , 25 Suppl 3, S11-4	2.8	3
6	Differential regulation of neutrophil-activating chemokines by IL-6 and its soluble receptor isoforms. <i>Journal of Immunology</i> , 2004 , 172, 5676-83	5.3	117
5	Effects of conventional and new peritoneal dialysis fluids on leukocyte recruitment in the rat peritoneal membrane. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 1296-306	12.7	79
4	Interplay between IFN-gamma and IL-6 signaling governs neutrophil trafficking and apoptosis during acute inflammation. <i>Journal of Clinical Investigation</i> , 2003 , 112, 598-607	15.9	204
3	Nitrolinoleate inhibits platelet activation by attenuating calcium mobilization and inducing phosphorylation of vasodilator-stimulated phosphoprotein through elevation of cAMP. <i>Journal of Biological Chemistry</i> , 2002 , 277, 5832-40	5.4	84
2	IL-6 and its soluble receptor orchestrate a temporal switch in the pattern of leukocyte recruitment seen during acute inflammation. <i>Immunity</i> , 2001 , 14, 705-14	32.3	631
1	Early Peritoneal Responses to Bacterial Invasion: Cellular Exudation. <i>Sepsis</i> , 1999 , 3, 303-309		1