

Ashley Mansell

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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.

83 papers	5,882 citations	41 h-index	76 g-index
92 ext. papers	6,791 ext. citations	7.3 avg, IF	5.53 L-index

#	Paper	IF	Citations
83	Mal (MyD88-adaptor-like) is required for Toll-like receptor-4 signal transduction. <i>Nature</i> , 2001 , 413, 78-83	30.4	980
82	Suppressor of cytokine signaling 1 negatively regulates Toll-like receptor signaling by mediating Mal degradation. <i>Nature Immunology</i> , 2006 , 7, 148-55	19.1	428
81	IL-6 trans-signaling modulates TLR4-dependent inflammatory responses via STAT3. <i>Journal of Immunology</i> , 2011 , 186, 1199-208	5.3	208
80	Activin A is a critical component of the inflammatory response, and its binding protein, follistatin, reduces mortality in endotoxemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16239-44	11.5	201
79	A type III effector antagonizes death receptor signalling during bacterial gut infection. <i>Nature</i> , 2013 , 501, 247-51	50.4	200
78	Toll-like receptors: the swiss army knife of immunity and vaccine development. <i>Clinical and Translational Immunology</i> , 2016 , 5, e85	6.8	168
77	Activation of the NLRP3 inflammasome by IAV virulence protein PB1-F2 contributes to severe pathophysiology and disease. <i>PLoS Pathogens</i> , 2013 , 9, e1003392	7.6	150
76	MyD88 adaptor-like (Mal)/TIRAP interaction with TRAF6 is critical for TLR2- and TLR4-mediated NF-kappaB proinflammatory responses. <i>Journal of Biological Chemistry</i> , 2009 , 284, 24192-203	5.4	148
75	The hepatitis B e antigen (HBeAg) targets and suppresses activation of the toll-like receptor signaling pathway. <i>Journal of Hepatology</i> , 2011 , 55, 762-9	13.4	145
74	Role of caspase-1 in nuclear translocation of IL-37, release of the cytokine, and IL-37 inhibition of innate immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2650-5	11.5	143
73	Toll/IL-1 signaling is critical for house dust mite-specific helper T cell type 2 and type 17 [corrected] responses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 883-93	10.2	136
72	IL-1 β and IL-18: inflammatory markers or mediators of hypertension?. <i>British Journal of Pharmacology</i> , 2014 , 171, 5589-602	8.6	118
71	Suppressor of cytokine signaling (SOCS) 1 inhibits type I interferon (IFN) signaling via the interferon alpha receptor (IFNAR1)-associated tyrosine kinase Tyk2. <i>Journal of Biological Chemistry</i> , 2011 , 286, 33811-8	5.4	107
70	Crystal structure of Toll-like receptor adaptor MAL/TIRAP reveals the molecular basis for signal transduction and disease protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 14879-84	11.5	105
69	Inflammasome activity is essential for one kidney/deoxycorticosterone acetate/salt-induced hypertension in mice. <i>British Journal of Pharmacology</i> , 2016 , 173, 752-65	8.6	104
68	The negative regulation of Toll-like receptor and associated pathways. <i>Immunology and Cell Biology</i> , 2007 , 85, 425-34	5	102
67	Reassessing the role of the NLRP3 inflammasome during pathogenic influenza A virus infection via temporal inhibition. <i>Scientific Reports</i> , 2016 , 6, 27912	4.9	99

66	TIR-containing adaptors in Toll-like receptor signalling. <i>Cytokine</i> , 2010 , 49, 237-44	4	93
65	Different bacterial gene expression patterns and attenuated host immune responses are associated with the evolution of low-level vancomycin resistance during persistent methicillin-resistant <i>Staphylococcus aureus</i> bacteraemia. <i>BMC Microbiology</i> , 2008 , 8, 39	4.5	92
64	Mal interacts with tumor necrosis factor receptor-associated factor (TRAF)-6 to mediate NF-kappaB activation by toll-like receptor (TLR)-2 and TLR4. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37227-30	5.4	92
63	TRIF-dependent TLR signaling, its functions in host defense and inflammation, and its potential as a therapeutic target. <i>Journal of Leukocyte Biology</i> , 2016 , 100, 27-45	6.5	88
62	STAT1 plays a role in TLR signal transduction and inflammatory responses. <i>Immunology and Cell Biology</i> , 2014 , 92, 761-9	5	86
61	Endogenous macrophage migration inhibitory factor modulates glucocorticoid sensitivity in macrophages via effects on MAP kinase phosphatase-1 and p38 MAP kinase. <i>FEBS Letters</i> , 2006 , 580, 974-81	3.8	86
60	Macrophage migration inhibitory factor is required for NLRP3 inflammasome activation. <i>Nature Communications</i> , 2018 , 9, 2223	17.4	83
59	Structural basis of TIR-domain-assembly formation in MAL- and MyD88-dependent TLR4 signaling. <i>Nature Structural and Molecular Biology</i> , 2017 , 24, 743-751	17.6	82
58	Potential contribution of NF-kappaB in neuronal cell death in the glutathione peroxidase-1 knockout mouse in response to ischemia-reperfusion injury. <i>Stroke</i> , 2006 , 37, 1533-8	6.7	72
57	HIV Blocks Interferon Induction in Human Dendritic Cells and Macrophages by Dysregulation of TBK1. <i>Journal of Virology</i> , 2015 , 89, 6575-84	6.6	69
56	Outer Membrane Vesicles Prime and Activate Macrophage Inflammasomes and Cytokine Secretion and. <i>Frontiers in Immunology</i> , 2017 , 8, 1017	8.4	65
55	Porphyromonas gingivalis lipopolysaccharide weakly activates M1 and M2 polarized mouse macrophages but induces inflammatory cytokines. <i>Infection and Immunity</i> , 2014 , 82, 4190-203	3.7	62
54	Innate IL-17A-producing leukocytes promote acute kidney injury via inflammasome and Toll-like receptor activation. <i>American Journal of Pathology</i> , 2014 , 184, 1411-8	5.8	59
53	Adaptors in toll-like receptor signaling and their potential as therapeutic targets. <i>Current Drug Targets</i> , 2012 , 13, 1360-74	3	59
52	Rotavirus NSP4 Triggers Secretion of Proinflammatory Cytokines from Macrophages via Toll-Like Receptor 2. <i>Journal of Virology</i> , 2013 , 87, 11160-7	6.6	55
51	Stimulation of the interleukin-1 receptor and Toll-like receptor 2 inhibits hepatitis B virus replication in hepatoma cell lines in vitro. <i>Antiviral Therapy</i> , 2009 , 14, 797-808	1.6	55
50	Toll-like receptor signalling and the clinical benefits that lie within. <i>Inflammation Research</i> , 2007 , 56, 1-10	7.2	54
49	PB1-F2 Peptide Derived from Avian Influenza A Virus H7N9 Induces Inflammation via Activation of the NLRP3 Inflammasome. <i>Journal of Biological Chemistry</i> , 2017 , 292, 826-836	5.4	53

48	Lipid-containing mimetics of natural triggers of innate immunity as CTL-inducing influenza vaccines. <i>International Immunology</i> , 2006 , 18, 1801-13	4.9	53
47	Internalin B activates nuclear factor-kappa B via Ras, phosphoinositide 3-kinase, and Akt. <i>Journal of Biological Chemistry</i> , 2001 , 276, 43597-603	5.4	51
46	Lipopolysaccharide-deficient <i>Acinetobacter baumannii</i> shows altered signaling through host Toll-like receptors and increased susceptibility to the host antimicrobial peptide LL-37. <i>Infection and Immunity</i> , 2013 , 81, 684-9	3.7	49
45	Mechanism of bacterial interference with TLR4 signaling by <i>Brucella</i> Toll/interleukin-1 receptor domain-containing protein TcpB. <i>Journal of Biological Chemistry</i> , 2014 , 289, 654-68	5.4	47
44	The acetyltransferase HAT1 moderates the NF- κ B response by regulating the transcription factor PLZF. <i>Nature Communications</i> , 2015 , 6, 6795	17.4	45
43	BTB-ZF transcriptional regulator PLZF modifies chromatin to restrain inflammatory signaling programs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1535-40	11.5	41
42	Toll-like receptors as interferon-regulated genes and their role in disease. <i>Journal of Interferon and Cytokine Research</i> , 2011 , 31, 13-25	3.5	41
41	Carbonylation caused by cigarette smoke extract is associated with defective macrophage immunity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 229-36	5.7	40
40	Synthetic peptide analogs of intercellular adhesion molecule 1 (ICAM-1) inhibit HIV-1 replication in MT-2 cells. <i>AIDS Research and Human Retroviruses</i> , 1993 , 9, 733-40	1.6	40
39	The immune modulatory peptide FhHDM-1 secreted by the helminth <i>Fasciola hepatica</i> prevents NLRP3 inflammasome activation by inhibiting endolysosomal acidification in macrophages. <i>FASEB Journal</i> , 2017 , 31, 85-95	0.9	38
38	Membrane vesicles from <i>Pseudomonas aeruginosa</i> activate the noncanonical inflammasome through caspase-5 in human monocytes. <i>Immunology and Cell Biology</i> , 2018 , 96, 1120-1130	5	37
37	The serine protease inhibitor antithrombin III inhibits LPS-mediated NF-kappaB activation by TLR-4. <i>FEBS Letters</i> , 2001 , 508, 313-7	3.8	37
36	IRF7 in the Australian black flying fox, <i>Pteropus alecto</i> : evidence for a unique expression pattern and functional conservation. <i>PLoS ONE</i> , 2014 , 9, e103875	3.7	37
35	Pressor response to angiotensin II is enhanced in aged mice and associated with inflammation, vasoconstriction and oxidative stress. <i>Aging</i> , 2017 , 9, 1595-1606	5.6	35
34	STAT3 serine phosphorylation is required for TLR4 metabolic reprogramming and IL-1 β expression. <i>Nature Communications</i> , 2020 , 11, 3816	17.4	35
33	A novel function of InIB from <i>Listeria monocytogenes</i> : activation of NF-kappaB in J774 macrophages. <i>Cellular Microbiology</i> , 2000 , 2, 127-36	3.9	32
32	Dangerous liaisons between interleukin-6 cytokine and toll-like receptor families: a potent combination in inflammation and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2013 , 24, 249-56	17.9	30
31	Solution structure of the TLR adaptor MAL/TIRAP reveals an intact BB loop and supports MAL Cys91 glutathionylation for signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E6480-E6489	11.5	28

30	Hero turned villain: NLRP3 inflammasome-induced inflammation during influenza A virus infection. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 863-874	6.5	28
29	Mitochondrially localised MUL1 is a novel modulator of antiviral signaling. <i>Immunology and Cell Biology</i> , 2013 , 91, 321-30	5	27
28	The TLR signaling adaptor TRAM interacts with TRAF6 to mediate activation of the inflammatory response by TLR4. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 427-36	6.5	25
27	Anakinra reduces blood pressure and renal fibrosis in one kidney/DOCA/salt-induced hypertension. <i>Pharmacological Research</i> , 2017 , 116, 77-86	10.2	22
26	Repurposing drugs targeting the P2X7 receptor to limit hyperinflammation and disease during influenza virus infection. <i>British Journal of Pharmacology</i> , 2019 , 176, 3834-3844	8.6	22
25	An update on the NLRP3 inflammasome and influenza: the road to redemption or perdition?. <i>Current Opinion in Immunology</i> , 2018 , 54, 80-85	7.8	22
24	MyD88 is a critical regulator of hematopoietic cell-mediated neuroprotection seen after stroke. <i>PLoS ONE</i> , 2013 , 8, e57948	3.7	16
23	Evaluation of inflammation and follicle depletion during ovarian ageing in mice. <i>Scientific Reports</i> , 2021 , 11, 278	4.9	16
22	Disruption of Serinc1, which facilitates serine-derived lipid synthesis, fails to alter macrophage function, lymphocyte proliferation or autoimmune disease susceptibility. <i>Molecular Immunology</i> , 2017 , 82, 19-33	4.3	14
21	TLR ligands of ryegrass pollen microbial contaminants enhance Th1 and Th2 responses and decrease induction of Foxp3(hi) regulatory T cells. <i>European Journal of Immunology</i> , 2013 , 43, 723-33	6.1	13
20	Porphyromonas gulae Activates Unprimed and Gamma Interferon-Primed Macrophages via the Pattern Recognition Receptors Toll-Like Receptor 2 (TLR2), TLR4, and NOD2. <i>Infection and Immunity</i> , 2017 , 85,	3.7	12
19	LPS hypersensitivity of gp130 mutant mice is independent of elevated haemopoietic TLR4 signaling. <i>Immunology and Cell Biology</i> , 2012 , 90, 559-63	5	12
18	The TLR signalling adaptor TRIF/TICAM-1 has an N-terminal helical domain with structural similarity to IFIT proteins. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013 , 69, 2420-30		11
17	Parsing the IL-37-Mediated Suppression of Inflammasome Function. <i>Cells</i> , 2020 , 9,	7.9	10
16	Toll-IL1 receptor-mediated innate immune responses vary across HBV genotype and predict treatment response to pegylated-IFN in HBeAg-positive CHB patients. <i>Journal of Viral Hepatitis</i> , 2016 , 23, 170-9	3.4	10
15	Promyelocytic leukemia protein interacts with the apoptosis-associated speck-like protein to limit inflammasome activation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 6429-6437	5.4	8
14	Induction of memory cytotoxic T cells to influenza A virus and subsequent viral clearance is not modulated by PB1-F2-dependent inflammasome activation. <i>Immunology and Cell Biology</i> , 2016 , 94, 439-46		7
13	Circulating BiP/Grp78 is a novel prognostic marker for sepsis-mediated immune cell death. <i>FEBS Journal</i> , 2021 , 288, 1809-1821	5.7	6

12	The Inflammasome Contributes to Depletion of the Ovarian Reserve During Aging in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 628473	5.7	6
11	Interleukin-1 β exacerbates disease and is a potential therapeutic target to reduce pulmonary inflammation during severe influenza A virus infection. <i>Immunology and Cell Biology</i> , 2021 , 99, 737-748	5	5
10	Crystallization and X-ray diffraction analysis of the N-terminal domain of the Toll-like receptor signalling adaptor protein TRIF/TICAM-1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013 , 69, 766-70		4
9	Recombinant production of functional full-length and truncated human TRAM/TICAM-2 adaptor protein involved in Toll-like receptor and interferon signaling. <i>Protein Expression and Purification</i> , 2015 , 106, 31-40	2	3
8	In Vivo Infection Model of Severe Influenza A Virus. <i>Methods in Molecular Biology</i> , 2018 , 1725, 91-99	1.4	3
7	Novel mineralocorticoid receptor mechanisms regulate cardiac tissue inflammation in male mice. <i>Journal of Endocrinology</i> , 2020 , 246, 123-134	4.7	3
6	IL-18 (Interleukin-18) Produced by Renal Tubular Epithelial Cells Promotes Renal Inflammation and Injury During Deoxycorticosterone/Salt-Induced Hypertension in Mice. <i>Hypertension</i> , 2021 , 78, 1296-1309	8.5	3
5	Cloning, expression, purification, crystallization and preliminary X-ray crystallographic analysis of the TIR domain from the Brucella melitensis TIR-domain-containing protein TcpB. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013 , 69, 1167-70		1
4	The Single Nucleotide Polymorphism Mal-D96N Mice Provide New Insights into Functionality of Mal in TLR Immune Responses. <i>Journal of Immunology</i> , 2019 , 202, 2384-2396	5.3	1
3	Signaling Molecules Affecting Immune Response		0
2	A Crucial Role for Interleukin-18/IL-18R Signalling Axis in the Development of Renal Inflammation and Elevated Blood Pressure in 1 Kidney/DOCA/Salt-Induced Hypertension. <i>FASEB Journal</i> , 2018 , 32, 718.15	0.9	
1	Inflammatory and Immunoregulatory Signaling Pathways in Male Reproductive Function.. <i>Biology of Reproduction</i> , 2012 , 87, 25-25	3.9	