

# Connie H Y Wong

## List of Publications by Citations

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55  
papers

4,277  
citations

27  
h-index

61  
g-index

61  
ext. papers

5,333  
ext. citations

10.1  
avg, IF

5.57  
L-index

#	Paper	IF	Citations
55	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. <i>Nature Communications</i> , <b>2015</b> , 6, 6734	17.4	658
54	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. <i>Nature Communications</i> , <b>2015</b> , 6, 7320	17.4	474
53	Functional innervation of hepatic iNKT cells is immunosuppressive following stroke. <i>Science</i> , <b>2011</b> , 334, 101-5	33.3	290
52	Neutrophils recruited to sites of infection protect from virus challenge by releasing neutrophil extracellular traps. <i>Cell Host and Microbe</i> , <b>2013</b> , 13, 169-80	23.4	272
51	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 447-56	16.6	268
50	An intravascular immune response to <i>Borrelia burgdorferi</i> involves Kupffer cells and iNKT cells. <i>Nature Immunology</i> , <b>2010</b> , 11, 295-302	19.1	245
49	Nucleation of platelets with blood-borne pathogens on Kupffer cells precedes other innate immunity and contributes to bacterial clearance. <i>Nature Immunology</i> , <b>2013</b> , 14, 785-92	19.1	244
48	Translocation and dissemination of commensal bacteria in post-stroke infection. <i>Nature Medicine</i> , <b>2016</b> , 22, 1277-1284	50.5	179
47	Partners in crime: neutrophils and monocytes/macrophages in inflammation and disease. <i>Cell and Tissue Research</i> , <b>2018</b> , 371, 551-565	4.2	169
46	Modulation of neuro-inflammation and vascular response by oxidative stress following cerebral ischemia-reperfusion injury. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 1-14	4.3	163
45	Platelets contribute to the pathogenesis of experimental autoimmune encephalomyelitis. <i>Circulation Research</i> , <b>2012</b> , 110, 1202-10	15.7	138
44	Role of endothelial TLR4 for neutrophil recruitment into central nervous system microvessels in systemic inflammation. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5244-50	5.3	116
43	CR1g Functions as a Macrophage Pattern Recognition Receptor to Directly Bind and Capture Blood-Borne Gram-Positive Bacteria. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 99-106	23.4	104
42	Ischemia, Immunosuppression and Infection--Tackling the Predicaments of Post-Stroke Complications. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	77
41	The use of spinning-disk confocal microscopy for the intravital analysis of platelet dynamics in response to systemic and local inflammation. <i>PLoS ONE</i> , <b>2011</b> , 6, e25109	3.7	75
40	Absence of glutathione peroxidase-1 exacerbates cerebral ischemia-reperfusion injury by reducing post-ischemic microvascular perfusion. <i>Journal of Neurochemistry</i> , <b>2008</b> , 107, 241-52	6	62
39	An insight into intestinal mucosal microbiota disruption after stroke. <i>Scientific Reports</i> , <b>2018</b> , 8, 568	4.9	59

38	Molecular regulators of leucocyte chemotaxis during inflammation. <i>Cardiovascular Research</i> , <b>2010</b> , 86, 183-91	9.9	57
37	Invariant natural killer T cells act as an extravascular cytotoxic barrier for joint-invading Lyme Borrelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13936-41	11.5	48
36	An unexplored brain-gut microbiota axis in stroke. <i>Gut Microbes</i> , <b>2017</b> , 8, 601-606	8.8	46
35	A nonfibrin macromolecular cofactor for tPA-mediated plasmin generation following cellular injury. <i>Blood</i> , <b>2009</b> , 114, 1937-46	2.2	41
34	Sex-hormone-driven innate antibodies protect females and infants against EPEC infection. <i>Nature Immunology</i> , <b>2018</b> , 19, 1100-1111	19.1	37
33	G Protein-Coupled Receptor 43 Modulates Neutrophil Recruitment during Acute Inflammation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163750	3.7	35
32	Activation of the sympathetic nervous system modulates neutrophil function. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 295-309	6.5	31
31	Bugging inflammation: role of the gut microbiota. <i>Clinical and Translational Immunology</i> , <b>2016</b> , 5, e72	6.8	29
30	The role of CD14 in neutrophil recruitment within the liver microcirculation during endotoxemia. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2592-601	5.3	28
29	Chronic sympathetic driven hypertension promotes atherosclerosis by enhancing hematopoiesis. <i>Haematologica</i> , <b>2019</b> , 104, 456-467	6.6	27
28	IL-33 modulates inflammatory brain injury but exacerbates systemic immunosuppression following ischemic stroke. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	23
27	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 1028-38	9.5	22
26	Protective actions of des-acylated ghrelin on brain injury and blood-brain barrier disruption after stroke in mice. <i>Clinical Science</i> , <b>2016</b> , 130, 1545-58	6.5	20
25	Prolonged Activation of Invariant Natural Killer T Cells and T2-Skewed Immunity in Stroke Patients. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 6	4.1	19
24	A global transcriptomic view of the multifaceted role of glutathione peroxidase-1 in cerebral ischemic-reperfusion injury. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 50, 736-48	7.8	19
23	Distinct contributions of hyperglycemia and high-fat feeding in metabolic syndrome-induced neuroinflammation. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 293	10.1	19
22	Insulin-regulated aminopeptidase deficiency provides protection against ischemic stroke in mice. <i>Journal of Neurotrauma</i> , <b>2012</b> , 29, 1243-8	5.4	17
21	Advanced age promotes colonic dysfunction and gut-derived lung infection after stroke. <i>Aging Cell</i> , <b>2019</b> , 18, e12980	9.9	16

20	Complex interplay of multiple biological systems that contribute to post-stroke infections. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 70, 10-20	16.6	16
19	MyD88 is a critical regulator of hematopoietic cell-mediated neuroprotection seen after stroke. <i>PLoS ONE</i> , <b>2013</b> , 8, e57948	3.7	16
18	Invariant Natural Killer T Cells Shape the Gut Microbiota and Regulate Neutrophil Recruitment and Function During Intestinal Inflammation. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 999	8.4	14
17	Aging- and vascular-related pathologies. <i>Microcirculation</i> , <b>2019</b> , 26, e12463	2.9	14
16	Imaging natural killer T cells in action. <i>Immunology and Cell Biology</i> , <b>2013</b> , 91, 304-10	5	14
15	Type-I interferon signalling through IFNAR1 plays a deleterious role in the outcome after stroke. <i>Neurochemistry International</i> , <b>2017</b> , 108, 472-480	4.4	14
14	Imbalance in the force: the dark side of the microbiota on stroke risk and progression. <i>Current Opinion in Neurobiology</i> , <b>2020</b> , 62, 10-16	7.6	13
13	Stroke Severity, and Not Cerebral Infarct Location, Increases the Risk of Infection. <i>Translational Stroke Research</i> , <b>2020</b> , 11, 387-401	7.8	9
12	Characterization of migration parameters on peripheral and central nervous system T cells following treatment of experimental allergic encephalomyelitis with CRYAB. <i>Journal of Neuroimmunology</i> , <b>2013</b> , 259, 66-74	3.5	7
11	Disrupting the platelet internal membrane via PI3KC2 $\beta$ inhibition impairs thrombosis independently of canonical platelet activation. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	5
10	Fractalkine-induced microglial vasoregulation occurs within the retina and is altered early in diabetic retinopathy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
9	Divergent roles of glutathione peroxidase-1 (Gpx1) in regulation of leukocyte-endothelial cell interactions in the inflamed cerebral microvasculature. <i>Microcirculation</i> , <b>2011</b> , 18, 12-23	2.9	4
8	Dynamic roles of neutrophils in post-stroke neuroinflammation. <i>Immunology and Cell Biology</i> , <b>2021</b> , 99, 924-935	5	4
7	Avenues to autoimmune arthritis triggered by diverse remote inflammatory challenges. <i>Journal of Autoimmunity</i> , <b>2016</b> , 73, 120-9	15.5	3
6	Neuroinflammation, Type 2 Diabetes, and Dementia <b>2018</b> , 195-209		3
5	Experimental traumatic brain injury does not lead to lung infection. <i>Journal of Neuroimmunology</i> , <b>2020</b> , 343, 577239	3.5	3
4	Deficiency of Dietary Fiber Modulates Gut Microbiota Composition, Neutrophil Recruitment and Worsens Experimental Colitis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 619366	8.4	3
3	The role of $\beta$ adrenergic receptor on infection development after ischaemic stroke. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2021</b> , 18, 100393	5.1	1

- 2 Effects of stroke beyond the brain. *Nature Reviews Immunology*, **2019**, 19, 719 36.5 ○
- 1 Exploratory Evaluation of the Relationship Between iNKT Cells and Systemic Cytokine Profiles of Critically Ill Patients with Neurological Injury. *Neurocritical Care*, **2021**, 1 3.3 ○