

Noah W Palm

List of Publications by Citations

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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.

45
papers

5,098
citations

28
h-index

55
g-index

55
ext. papers

6,449
ext. citations

24.6
avg, IF

5.86
L-index

#	Paper	IF	Citations
45	Immunoglobulin A coating identifies colitogenic bacteria in inflammatory bowel disease. <i>Cell</i> , 2014 , 158, 1000-1010	56.2	715
44	Pattern recognition receptors and control of adaptive immunity. <i>Immunological Reviews</i> , 2009 , 227, 221-233	33	519
43	Th17 cells transdifferentiate into regulatory T cells during resolution of inflammation. <i>Nature</i> , 2015 , 523, 221-5	50.4	505
42	TH2, allergy and group 2 innate lymphoid cells. <i>Nature Immunology</i> , 2013 , 14, 536-42	19.1	469
41	Epithelial IL-18 Equilibrium Controls Barrier Function in Colitis. <i>Cell</i> , 2015 , 163, 1444-56	56.2	281
40	Allergic host defences. <i>Nature</i> , 2012 , 484, 465-72	50.4	270
39	Inflammasomes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 6, a016287	10.2	207
38	A Yersinia effector protein promotes virulence by preventing inflammasome recognition of the type III secretion system. <i>Cell Host and Microbe</i> , 2010 , 7, 376-87	23.4	201
37	Nlrp9b inflammasome restricts rotavirus infection in intestinal epithelial cells. <i>Nature</i> , 2017 , 546, 667-670	50.4	192
36	Immune-microbiota interactions in health and disease. <i>Clinical Immunology</i> , 2015 , 159, 122-127	9	184
35	Mechanosensation of cyclical force by PIEZO1 is essential for innate immunity. <i>Nature</i> , 2019 , 573, 69-74	50.4	151
34	Bee venom phospholipase A2 induces a primary type 2 response that is dependent on the receptor ST2 and confers protective immunity. <i>Immunity</i> , 2013 , 39, 976-85	32.3	141
33	A Forward Chemical Genetic Screen Reveals Gut Microbiota Metabolites That Modulate Host Physiology. <i>Cell</i> , 2019 , 177, 1217-1231.e18	56.2	134
32	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1223-39	16.6	98
31	Semaphorin 7A is a negative regulator of T cell responses. <i>Immunity</i> , 2006 , 24, 591-600	32.3	95
30	Humanized mouse model supports development, function, and tissue residency of human natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9626-E9634	11.5	94
29	IgA-deficient humans exhibit gut microbiota dysbiosis despite secretion of compensatory IgM. <i>Scientific Reports</i> , 2019 , 9, 13574	4.9	81

28	Causal effects of the microbiota on immune-mediated diseases. <i>Science Immunology</i> , 2018 , 3,	28	69
27	Immunostimulatory activity of haptened proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4782-7	11.5	64
26	Enteric Nervous System-Derived IL-18 Orchestrates Mucosal Barrier Immunity. <i>Cell</i> , 2020 , 180, 50-63.e12	56.2	51
25	Origin and Function of Stress-Induced IL-6 in Murine Models. <i>Cell</i> , 2020 , 182, 372-387.e14	56.2	50
24	Postmenopausal breast cancer and oestrogen associations with the IgA-coated and IgA-noncoated faecal microbiota. <i>British Journal of Cancer</i> , 2018 , 118, 471-479	8.7	43
23	Characterization of Autoinducer-3 Structure and Biosynthesis in. <i>ACS Central Science</i> , 2020 , 6, 197-206	16.8	42
22	Role of the inflammasome in defense against venoms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1809-14	11.5	38
21	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. <i>Science</i> , 2019 , 363, 993-998	33.3	37
20	Inflammasomes and intestinal homeostasis: regulating and connecting infection, inflammation and the microbiota. <i>International Immunology</i> , 2014 , 26, 495-9	4.9	37
19	Navigating the Microbiota Seas: Triangulation Finds a Way Forward. <i>Cell Host and Microbe</i> , 2018 , 23, 1-3	23.4	27
18	Adaptive immunity induces mutualism between commensal eukaryotes. <i>Nature</i> , 2021 , 596, 114-118	50.4	27
17	T cells regulate the intestinal response to nutrient sensing. <i>Science</i> , 2021 , 371,	33.3	26
16	Functional Classification of the Gut Microbiota: The Key to Cracking the Microbiota Composition Code: Functional classifications of the gut microbiota reveal previously hidden contributions of indigenous gut bacteria to human health and disease. <i>BioEssays</i> , 2017 , 39, 1700032	4.1	22
15	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021 , 27, 1885-1892	50.5	19
14	Immunoglobulin A Targets a Unique Subset of the Microbiota in Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2021 , 29, 83-93.e3	23.4	18
13	Autoreactivity in naïve human fetal B cells is associated with commensal bacteria recognition. <i>Science</i> , 2020 , 369, 320-325	33.3	15
12	Gut Microbiota: IgA Protects the Pioneers. <i>Current Biology</i> , 2018 , 28, R1117-R1119	6.3	15
11	Immunoglobulin A and the microbiome. <i>Current Opinion in Microbiology</i> , 2020 , 56, 89-96	7.9	12

10	Identification of <i>Allobaculum mucolyticum</i> as a novel human intestinal mucin degrader. <i>Gut Microbes</i> , 2021 , 13, 1966278	8.8	7
9	A human secretome library screen reveals a role for Peptidoglycan Recognition Protein 1 in Lyme borreliosis. <i>PLoS Pathogens</i> , 2020 , 16, e1009030	7.6	6
8	MAIT Cells: A Link between Gut Integrity and Type 1 Diabetes. <i>Cell Metabolism</i> , 2017 , 26, 813-815	24.6	5
7	Impact of Diabetes on the Gut and Salivary IgA Microbiomes. <i>Infection and Immunity</i> , 2020 , 88,	3.7	5
6	Small Molecule Metabolites at the Host-Microbiota Interface. <i>Journal of Immunology</i> , 2021 , 207, 1725-1733	5.3	5
5	An Ugi-like Biosynthetic Pathway Encodes Bombesin Receptor Subtype-3 Agonists. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16271-16278	16.4	4
4	Enhancement of anti-tumor CD8 immunity by IgG1-mediated targeting of Fc receptors. <i>MAbs</i> , 2014 , 6, 108-18	6.6	4
3	Children Developing Celiac Disease Have a Distinct and Proinflammatory Gut Microbiota in the First 5 Years of Life		3
2	Tummy Time: The Infant Microbiota-IgA Connection. <i>Cell Host and Microbe</i> , 2016 , 20, 6-8	23.4	1
1	IgA-deficient humans exhibit gut microbiota dysbiosis despite production of compensatory IgM		1