

# Si Ming Man

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4827391/si-ming-man-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

70  
papers

6,948  
citations

38  
h-index

77  
g-index

77  
ext. papers

8,929  
ext. citations

15.3  
avg, IF

6.8  
L-index

#	Paper	IF	Citations
70	Interferon- $\beta$ primes macrophages for pathogen ligand-induced killing via a caspase-8 and mitochondrial cell death pathway.. <i>Immunity</i> , <b>2022</b> ,	32.3	5
69	Context-dependent functions of pattern recognition receptors in cancer.. <i>Nature Reviews Cancer</i> , <b>2022</b> ,	31.3	1
68	Streptococcus makes the cut: Gasdermin A-induced pyroptosis.. <i>Cell Host and Microbe</i> , <b>2022</b> , 30, 410-412	23.4	0
67	Cell biology of inflammasome activation. <i>Trends in Cell Biology</i> , <b>2021</b> , 31, 924-939	18.3	16
66	Bacillus cereus: Epidemiology, Virulence Factors, and Host-Pathogen Interactions. <i>Trends in Microbiology</i> , <b>2021</b> , 29, 458-471	12.4	25
65	Multi-omics of the esophageal microenvironment identifies signatures associated with progression of Barrett's esophagus. <i>Genome Medicine</i> , <b>2021</b> , 13, 133	14.4	3
64	Activation mechanisms of inflammasomes by bacterial toxins. <i>Cellular Microbiology</i> , <b>2021</b> , 23, e13309	3.9	9
63	Bacillus cereus non-haemolytic enterotoxin activates the NLRP3 inflammasome. <i>Nature Communications</i> , <b>2020</b> , 11, 760	17.4	26
62	Caspase-1-dependent inflammasomes mediate photoreceptor cell death in photo-oxidative damage-induced retinal degeneration. <i>Scientific Reports</i> , <b>2020</b> , 10, 2263	4.9	13
61	Gasdermins deliver a deadly punch to cancer. <i>Cell Research</i> , <b>2020</b> , 30, 463-464	24.7	5
60	Captain GBP1: inflammasomes assemble, pyroptotic endgame. <i>Nature Immunology</i> , <b>2020</b> , 21, 829-830	19.1	3
59	MicroRNA-223 Regulates Retinal Function and Inflammation in the Healthy and Degenerating Retina. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 516	5.7	8
58	Molecular mechanisms activating the NAIP-NLRC4 inflammasome: Implications in infectious disease, autoinflammation, and cancer. <i>Immunological Reviews</i> , <b>2020</b> , 297, 67-82	11.3	17
57	IL-1 Family Members Mediate Cell Death, Inflammation and Angiogenesis in Retinal Degenerative Diseases. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1618	8.4	73
56	Emerging Activators and Regulators of Inflammasomes and Pyroptosis. <i>Trends in Immunology</i> , <b>2019</b> , 40, 1035-1052	14.4	166
55	DDX3X: stressing the NLRP3 inflammasome. <i>Cell Research</i> , <b>2019</b> , 29, 969-970	24.7	6
54	Inflammasomes in Colitis and Colorectal Cancer: Mechanism of Action and Therapies. <i>Yale Journal of Biology and Medicine</i> , <b>2019</b> , 92, 481-498	2.4	11

53	A multicomponent toxin from <i>Bacillus cereus</i> incites inflammation and shapes host outcome via the NLRP3 inflammasome. <i>Nature Microbiology</i> , <b>2019</b> , 4, 362-374	26.6	43
52	Detrimental Type I Interferon Signaling Dominates Protective AIM2 Inflammasome Responses during <i>Francisella novicida</i> Infection. <i>Cell Reports</i> , <b>2018</b> , 22, 3168-3174	10.6	24
51	Mechanisms of Gasdermin Family Members in Inflammasome Signaling and Cell Death. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 3068-3080	6.5	141
50	Molecular mechanisms of inflammasome signaling. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 233-257	6.5	86
49	The Mitochondrial Apoptotic Effectors BAX/BAK Activate Caspase-3 and -7 to Trigger NLRP3 Inflammasome and Caspase-8 Driven IL-1 $\beta$ Activation. <i>Cell Reports</i> , <b>2018</b> , 25, 2339-2353.e4	10.6	102
48	ALPK1: innate attraction to the sweetness of bacteria. <i>Cell Research</i> , <b>2018</b> , 28, 1125-1126	24.7	2
47	Inflammasomes in the gastrointestinal tract: infection, cancer and gut microbiota homeostasis. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2018</b> , 15, 721-737	24.2	102
46	Cytosolic Recognition of Microbes and Pathogens: Inflammasomes in Action. <i>Microbiology and Molecular Biology Reviews</i> , <b>2018</b> , 82,	13.2	80
45	Inflammasomes and Cancer. <i>Cancer Immunology Research</i> , <b>2017</b> , 5, 94-99	12.5	201
44	Molecular mechanisms and functions of pyroptosis, inflammatory caspases and inflammasomes in infectious diseases. <i>Immunological Reviews</i> , <b>2017</b> , 277, 61-75	11.3	669
43	Differential roles of caspase-1 and caspase-11 in infection and inflammation. <i>Scientific Reports</i> , <b>2017</b> , 7, 45126	4.9	84
42	Mechanisms and functions of guanylate-binding proteins and related interferon-inducible GTPases: Roles in intracellular lysis of pathogens. <i>Cellular Microbiology</i> , <b>2017</b> , 19, e12791	3.9	34
41	NLRP9b: a novel RNA-sensing inflammasome complex. <i>Cell Research</i> , <b>2017</b> , 27, 1302-1303	24.7	6
40	Interferon-inducible guanylate-binding proteins at the interface of cell-autonomous immunity and inflammasome activation. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 143-150	6.5	64
39	Cathepsin B modulates lysosomal biogenesis and host defense against <i>Francisella novicida</i> infection. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2081-97	16.6	45
38	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. <i>Science Immunology</i> , <b>2016</b> , 1,	28	285
37	DOCK2 confers immunity and intestinal colonization resistance to <i>Citrobacter rodentium</i> infection. <i>Scientific Reports</i> , <b>2016</b> , 6, 27814	4.9	12
36	Regulation of lysosomal dynamics and autophagy by CTSB/cathepsin B. <i>Autophagy</i> , <b>2016</b> , 12, 2504-2505	10.2	73

35	Converging roles of caspases in inflammasome activation, cell death and innate immunity. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 7-21	36.5	360
34	Type I Interferon Keeps IL-1 $\beta$ Check. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 272-4	23.4	
33	NLRC3 is an inhibitory sensor of PI3K-mTOR pathways in cancer. <i>Nature</i> , <b>2016</b> , 540, 583-587	50.4	112
32	DNA-sensing inflammasomes: regulation of bacterial host defense and the gut microbiota. <i>Pathogens and Disease</i> , <b>2016</b> , 74, ftw028	4.2	29
31	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes. <i>Cell</i> , <b>2016</b> , 167, 382-396.e17	56.2	187
30	AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 269-80	6.1	190
29	Concerted activation of the AIM2 and NLRP3 inflammasomes orchestrates host protection against <i>Aspergillus</i> infection. <i>Cell Host and Microbe</i> , <b>2015</b> , 17, 357-368	23.4	174
28	Critical Role for the DNA Sensor AIM2 in Stem Cell Proliferation and Cancer. <i>Cell</i> , <b>2015</b> , 162, 45-58	56.2	213
27	Regulation of inflammasome activation. <i>Immunological Reviews</i> , <b>2015</b> , 265, 6-21	11.3	521
26	Is <i>Campylobacter</i> to esophageal adenocarcinoma as <i>Helicobacter</i> is to gastric adenocarcinoma?. <i>Trends in Microbiology</i> , <b>2015</b> , 23, 455-62	12.4	27
25	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by <i>Francisella</i> infection. <i>Nature Immunology</i> , <b>2015</b> , 16, 467-75	19.1	232
24	<i>Campylobacter</i> <b>2015</b> , 1187-1236		1
23	A20 is a regulator of necroptosis. <i>Nature Immunology</i> , <b>2015</b> , 16, 596-7	19.1	6
22	Global Epidemiology of <i>Campylobacter</i> Infection. <i>Clinical Microbiology Reviews</i> , <b>2015</b> , 28, 687-720	34	705
21	Gasdermin D: the long-awaited executioner of pyroptosis. <i>Cell Research</i> , <b>2015</b> , 25, 1183-4	24.7	79
20	Transcriptomic and proteomic analyses reveal key innate immune signatures in the host response to the gastrointestinal pathogen <i>Campylobacter concisus</i> . <i>Infection and Immunity</i> , <b>2015</b> , 83, 832-45	3.7	36
19	Inflammasome activation causes dual recruitment of NLRC4 and NLRP3 to the same macromolecular complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 7403-8	11.5	223
18	Cutting edge: STING mediates protection against colorectal tumorigenesis by governing the magnitude of intestinal inflammation. <i>Journal of Immunology</i> , <b>2014</b> , 193, 4779-82	5.3	89

17	Role of emerging <i>Campylobacter</i> species in inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 2189-97	4.5	38
16	Actin polymerization as a key innate immune effector mechanism to control <i>Salmonella</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 17588-93	11.5	79
15	<i>Salmonella</i> exploits NLRP12-dependent innate immune signaling to suppress host defenses during infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 385-90	11.5	88
14	Functional relationship between <i>Campylobacter concisus</i> and the stomach ecosystem in health and disease. <i>ISME Journal</i> , <b>2013</b> , 7, 2245-7	11.9	4
13	<i>Salmonella</i> infection induces recruitment of Caspase-8 to the inflammasome to modulate IL-1 $\beta$ production. <i>Journal of Immunology</i> , <b>2013</b> , 191, 5239-46	5.3	163
12	Bacterial infection of macrophages induces decrease in refractive index. <i>Journal of Biophotonics</i> , <b>2013</b> , 6, 393-7	3.1	42
11	The role of bacteria and pattern-recognition receptors in Crohn's disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2011</b> , 8, 152-68	24.2	120
10	The clinical importance of emerging <i>Campylobacter</i> species. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2011</b> , 8, 669-85	24.2	280
9	Downloads: Stats for papers let authors track impact. <i>Nature</i> , <b>2011</b> , 476, 399	50.4	1
8	The secretome of <i>Campylobacter concisus</i> . <i>FEBS Journal</i> , <b>2010</b> , 277, 1606-17	5.7	54
7	Host attachment, invasion, and stimulation of proinflammatory cytokines by <i>Campylobacter concisus</i> and other non- <i>Campylobacter jejuni</i> <i>Campylobacter</i> species. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 1855-65	7	92
6	The internal transcribed spacer region, a new tool for use in species differentiation and delineation of systematic relationships within the <i>Campylobacter</i> genus. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 3071-81	4.8	29
5	Detection of <i>Helicobacteraceae</i> in intestinal biopsies of children with Crohn's disease. <i>Helicobacter</i> , <b>2010</b> , 15, 549-57	4.9	33
4	<i>Campylobacter concisus</i> and other <i>Campylobacter</i> species in children with newly diagnosed Crohn's disease. <i>Inflammatory Bowel Diseases</i> , <b>2010</b> , 16, 1008-16	4.5	138
3	<i>Campylobacter concisus</i> : a new character in the Crohn's disease story?. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 1614-5	9.7	5
2	Detection and isolation of <i>Campylobacter</i> species other than <i>C. jejuni</i> from children with Crohn's disease. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 453-5	9.7	107
1	Detection of enterohepatic and gastric <i>Helicobacter</i> species in fecal specimens of children with Crohn's disease. <i>Helicobacter</i> , <b>2008</b> , 13, 234-8	4.9	46