Stephen E Girardin

List of Publications by Year
in descending order

158 papers	28,616 citations	9775 73 h-index	6465 157 g-index
160 all docs	160 docs citations	160 times ranked	34222 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Nod2 Is a General Sensor of Peptidoglycan through Muramyl Dipeptide (MDP) Detection. Journal of Biological Chemistry, 2003, 278, 8869-8872.	1.6	2,026
3	Nod1 Detects a Unique Muropeptide from Gram-Negative Bacterial Peptidoglycan. Science, 2003, 300, 1584-1587.	6.0	1,388
4	Nod1 and Nod2 direct autophagy by recruiting ATG16L1 to the plasma membrane at the site of bacterial entry. Nature Immunology, 2010, 11, 55-62.	7.0	1,125
5	Nod1 responds to peptidoglycan delivered by the Helicobacter pylori cag pathogenicity island. Nature Immunology, 2004, 5, 1166-1174.	7.0	1,091
6	Nod-like proteins in immunity, inflammation and disease. Nature Immunology, 2006, 7, 1250-1257.	7.0	794
7	The NLR Gene Family: A Standard Nomenclature. Immunity, 2008, 28, 285-287.	6.6	761
8	WIPI2 Links LC3 Conjugation with PI3P, Autophagosome Formation, and Pathogen Clearance by Recruiting Atg12â€“5-16L1. Molecular Cell, 2014, 55, 238-252.	4.5	650
9	Peptidoglycan Molecular Requirements Allowing Detection by Nod1 and Nod2. Journal of Biological Chemistry, 2003, 278, 41702-41708.	1.6	578
10	CARD4/Nod1 mediates NFâ€ºB and JNK activation by invasive Shigella flexneri. EMBO Reports, 2001, 2, 736-742.	2.0	569
11	NOD proteins: regulators of inflammation in health and disease. Nature Reviews Immunology, 2014, 14, 9-23.	10.6	525
12	Caspase-1 Activation of Lipid Metabolic Pathways in Response to Bacterial Pore-Forming Toxins Promotes Cell Survival. Cell, 2006, 126, 1135-1145.	13.5	461
13	Tollâ€like receptor 2â€dependent bacterial sensing does not occur via peptidoglycan recognition. EMBO Reports, 2004, 5, 1000-1006.	2.0	435
14	Bacterial membrane vesicles deliver peptidoglycan to NOD1 in epithelial cells. Cellular Microbiology, 2010, 12, 372-385.	1.1	382
15	Gut Microbial Metabolism Drives Transformation of Msh2-Deficient Colon Epithelial Cells. Cell, 2014, 158, 288-299.	13.5	375
16	Amino Acid Starvation Induced by Invasive Bacterial Pathogens Triggers an Innate Host Defense Program. Cell Host and Microbe, 2012, 11, 563-575.	5.1	331
17	A critical role for peptidoglycan N-deacetylation inListeriaevasion from the host innate immune system. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 997-1002.	3.3	329
18	Synergistic stimulation of human monocytes and dendritic cells by Toll-like receptor 4 and NOD1- and NOD2-activating agonists. European Journal of Immunology, 2005, 35, 2459-2470.	1.6	312

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19	Nods, Nalps and Naip: intracellular regulators of bacterial-induced inflammation. Cellular Microbiology, 2003, 5, 581-592.	1.1	309
20	Anti-Inflammatory Effect of Lactobacillus casei on Shigella-Infected Human Intestinal Epithelial Cells. Journal of Immunology, 2006, 176, 1228-1237.	0.4	303
21	Gene-environment interaction modulated by allelic heterogeneity in inflammatory diseases. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3455-3460.	3.3	288
22	The Multifaceted Role of the Intestinal Microbiota in Colon Cancer. Molecular Cell, 2014, 54, 309-320.	4.5	284
23	Regulation of Obesity-Related Insulin Resistance with Gut Anti-inflammatory Agents. Cell Metabolism, 2015, 21, 527-542.	7.2	283
24	NLRX1 is a mitochondrial NODâ€like receptor that amplifies NFâ€ºB and JNK pathways by inducing reactive oxygen species production. EMBO Reports, 2008, 9, 293-300.	2.0	282
25	Nod1-Mediated Innate Immune Recognition of Peptidoglycan Contributes to the Onset of Adaptive Immunity. Immunity, 2007, 26, 445-459.	6.6	281
26	IL-32 synergizes with nucleotide oligomerization domain (NOD) 1 and NOD2 ligands for IL-1Â and IL-6 production through a caspase 1-dependent mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16309-16314.	3.3	277
27	Nucleotide-Binding Oligomerization Domain-2 Modulates Specific TLR Pathways for the Induction of Cytokine Release. Journal of Immunology, 2005, 174, 6518-6523.	0.4	248
28	The role of Toll-like receptors and Nod proteins in bacterial infection. Molecular Immunology, 2004, 41, 1099-1108.	1.0	236
29	Parkinsonâ€™s disease-linked LRRK2 is expressed in circulating and tissue immune cells and upregulated following recognition of microbial structures. Journal of Neural Transmission, 2011, 118, 795-808.	1.4	230
30	Mitochondria in innate immunity. EMBO Reports, 2011, 12, 901-910.	2.0	222
31	Identification of an innate T helper type 17 response to intestinal bacterial pathogens. Nature Medicine, 2011, 17, 837-844.	15.2	216
32	Mitochondrial ROS fuel the inflammasome. Cell Research, 2011, 21, 558-560.	5.7	212
33	NLRC5 Limits the Activation of Inflammatory Pathways. Journal of Immunology, 2010, 185, 1681-1691.	0.4	209
34	Intracellular vs extracellular recognition of pathogens â€“ common concepts in mammals and flies. Trends in Microbiology, 2002, 10, 193-199.	3.5	203
35	pH-dependent Internalization of Muramyl Peptides from Early Endosomes Enables Nod1 and Nod2 Signaling. Journal of Biological Chemistry, 2009, 284, 23818-23829.	1.6	192
36	Unleashing the therapeutic potential of NOD-like receptors. Nature Reviews Drug Discovery, 2009, 8, 465-479.	21.5	184

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37	Crohn's disease-associated ATG16L1 polymorphism modulates pro-inflammatory cytokine responses selectively upon activation of NOD2. Gut, 2011, 60, 1229-1235.	6.1	172
38	An N-terminal addressing sequence targets NLRX1 to the mitochondrial matrix. Journal of Cell Science, 2009, 122, 3161-3168.	1.2	167
39	Nod2-Dependent Th2 Polarization of Antigen-Specific Immunity. Journal of Immunology, 2008, 181, 7925-7935.	0.4	166
40	Listeria hijacks host mitophagy through a novel mitophagy receptor to evade killing. Nature Immunology, 2019, 20, 433-446.	7.0	166
41	The Protein ATG16L1 Suppresses Inflammatory Cytokines Induced by the Intracellular Sensors Nod1 and Nod2 in an Autophagy-Independent Manner. Immunity, 2013, 39, 858-873.	6.6	162
42	The intestinal epithelial barrier: How to distinguish between the microbial flora and pathogens. Seminars in Immunology, 2007, 19, 106-115.	2.7	153
43	Murine Nod1 but not its human orthologue mediates innate immune detection of tracheal cytotoxin. EMBO Reports, 2005, 6, 1201-1207.	2.0	147
44	Shigella Induces Mitochondrial Dysfunction and Cell Death in Nonmyleoid Cells. Cell Host and Microbe, 2009, 5, 123-136.	5.1	140
45	NOD1 and NOD2 in inflammation, immunity and disease. Archives of Biochemistry and Biophysics, 2019, 670, 69-81.	1.4	140
46	Nod1 Participates in the Innate Immune Response to Pseudomonas aeruginosa. Journal of Biological Chemistry, 2005, 280, 36714-36718.	1.6	139
47	Innate immune responses of epithelial cells following infection with bacterial pathogens. Current Opinion in Immunology, 2001, 13, 410-416.	2.4	135
48	Comparison of Co-housing and Littermate Methods for Microbiota Standardization in Mouse Models. Cell Reports, 2019, 27, 1910-1919.e2.	2.9	134
49	Mycobacterium paratuberculosisis recognized by Toll-like receptors and NOD2. Journal of Leukocyte Biology, 2007, 82, 1011-1018.	1.5	133
50	The microbial and danger signals that activate Nod-like receptors. Cytokine, 2008, 43, 368-373.	1.4	128
51	Nod1 and Nod2 signaling does not alter the composition of intestinal bacterial communities at homeostasis. Gut Microbes, 2013, 4, 222-231.	4.3	125
52	How autophagy controls the intestinal epithelial barrier. Autophagy, 2022, 18, 86-103.	4.3	125
53	Enhancement of Reactive Oxygen Species Production and Chlamydial Infection by the Mitochondrial Nod-like Family Member NLRX1. Journal of Biological Chemistry, 2010, 285, 41637-41645.	1.6	124
54	Listeriaphospholipases subvert host autophagic defenses by stalling pre-autophagosomal structures. EMBO Journal, 2013, 32, 3066-3078.	3.5	123

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55	Mitophagy pathways in health and disease. Journal of Cell Biology, 2020, 219, .	2.3	121
56	Mini-review: The role of peptidoglycan recognition in innate immunity. European Journal of Immunology, 2004, 34, 1777-1782.	1.6	119
57	Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome. Cell Reports, 2018, 25, 1525-1536.e7.	2.9	117
58	Triggering receptor expressed on myeloid cells-1 (TREM-1) amplifies the signals induced by the NACHT-LRR (NLR) pattern recognition receptors. Journal of Leukocyte Biology, 2006, 80, 1454-1461.	1.5	112
59	Nod1 and Nod2 Regulation of Inflammation in the Salmonella Colitis Model. Infection and Immunity, 2010, 78, 5107-5115.	1.0	109
60	Palmitoylation of NOD1 and NOD2 is required for bacterial sensing. Science, 2019, 366, 460-467.	6.0	109
61	Identification of the Critical Residues Involved in Peptidoglycan Detection by Nod1. Journal of Biological Chemistry, 2005, 280, 38648-38656.	1.6	106
62	Role of AmiA in the Morphological Transition of Helicobacter pylori and in Immune Escape. PLoS Pathogens, 2006, 2, e97.	2.1	102
63	Essential role of Rip2 in the modulation of innate and adaptive immunity triggered by Nod1 and Nod2 ligands. European Journal of Immunology, 2011, 41, 1445-1455.	1.6	100
64	NLRX1 prevents mitochondrial induced apoptosis and enhances macrophage antiviral immunity by interacting with influenza virus PB1-F2 protein. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2110-9.	3.3	95
65	The role of mitochondria in cellular defense against microbial infection. Seminars in Immunology, 2009, 21, 223-232.	2.7	93
66	Peptidoglycan-Modifying Enzyme Pgp1 Is Required for Helical Cell Shape and Pathogenicity Traits in Campylobacter jejuni. PLoS Pathogens, 2012, 8, e1002602.	2.1	92
67	NLRX1 dampens oxidative stress and apoptosis in tissue injury via control of mitochondrial activity. Journal of Experimental Medicine, 2017, 214, 2405-2420.	4.2	90
68	Complement C3 Drives Autophagy-Dependent Restriction of Cyto-invasive Bacteria. Cell Host and Microbe, 2018, 23, 644-652.e5.	5.1	86
69	The heme-regulated inhibitor is a cytosolic sensor of protein misfolding that controls innate immune signaling. Science, 2019, 365, .	6.0	81
70	Nod-like receptors in the control of intestinal inflammation. Current Opinion in Immunology, 2012, 24, 398-404.	2.4	79
71	The NLR Protein NLRP6 Does Not Impact Gut Microbiota Composition. Cell Reports, 2017, 21, 3653-3661.	2.9	79
72	hPepT1 selectively transports muramyl dipeptide but not Nod1-activating muramyl peptides. Canadian Journal of Physiology and Pharmacology, 2006, 84, 1313-1319.	0.7	78

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73	Nucleotide oligomerization domain-containing proteins instruct T cell helper type 2 immunity through stromal activation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14896-14901.	3.3	78
74	What is new with Nods?. Current Opinion in Immunology, 2011, 23, 29-34.	2.4	76
75	Cellular Aspects of Shigella Pathogenesis: Focus on the Manipulation of Host Cell Processes. Frontiers in Cellular and Infection Microbiology, 2016, 6, 38.	1.8	76
76	Nod1 and Nod2 induce CCL5/RANTES through the NFâ€ºB pathway. European Journal of Immunology, 2007, 37, 2499-2508.	1.6	75
77	Nod-like receptors: sentinels at host membranes. Current Opinion in Immunology, 2010, 22, 428-434.	2.4	75
78	Cyclicâ€diâ€GMP and cyclicâ€diâ€AMP activate the NLRP3 inflammasome. EMBO Reports, 2013, 14, 900-906.	2.0	75
79	The Frameshift Mutation in Nod2 Results in Unresponsiveness Not Only to Nod2- but Also Nod1-activating Peptidoglycan Agonists. Journal of Biological Chemistry, 2005, 280, 35859-35867.	1.6	73
80	NLRX1 does not inhibit MAVS-dependent antiviral signalling. Innate Immunity, 2013, 19, 438-448.	1.1	73
81	An endogenous nanomineral chaperones luminal antigen and peptidoglycan to intestinal immune cells. Nature Nanotechnology, 2015, 10, 361-369.	15.6	73
82	Downregulation of the Na/K-ATPase Pump by Leptospiral Glycolipoprotein Activates the NLRP3 Inflammasome. Journal of Immunology, 2012, 188, 2805-2814.	0.4	72
83	The common mouse protozoaTritrichomonas murisalters mucosal T cell homeostasis and colitis susceptibility. Journal of Experimental Medicine, 2016, 213, 2841-2850.	4.2	71
84	Circulating NOD1 Activators and Hematopoietic NOD1 Contribute to Metabolic Inflammation and Insulin Resistance. Cell Reports, 2017, 18, 2415-2426.	2.9	70
85	Engagement of NOD2 has a dual effect on proILâ€1Î² mRNA transcription and secretion of bioactive ILâ€1Î². European Journal of Immunology, 2008, 38, 184-191.	1.6	69
86	Peptidoglycan ld-Carboxypeptidase Pgp2 Influences Campylobacter jejuni Helical Cell Shape and Pathogenic Properties and Provides the Substrate for the dl-Carboxypeptidase Pgp1. Journal of Biological Chemistry, 2014, 289, 8007-8018.	1.6	69
87	The Mitochondrial Protein NLRX1 Controls the Balance between Extrinsic and Intrinsic Apoptosis. Journal of Biological Chemistry, 2014, 289, 19317-19330.	1.6	63
88	Emerging themes in bacterial autophagy. Current Opinion in Microbiology, 2015, 23, 163-170.	2.3	63
89	The bacterial and cellular determinants controlling the recruitment of mTOR to the Salmonella-containing vacuole. Biology Open, 2012, 1, 1215-1225.	0.6	60
90	Translation inhibition and metabolic stress pathways in the host response to bacterial pathogens. Nature Reviews Microbiology, 2013, 11, 365-369.	13.6	59

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91	Nodâ€like receptors in innate immunity and inflammatory diseases. Annals of Medicine, 2007, 39, 581-593.	1.5	58
92	Differential function of the NACHT-LRR (NLR) members Nod1 and Nod2 in arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9017-9022.	3.3	54
93	Nod proteins link bacterial sensing and autophagy. Autophagy, 2010, 6, 409-411.	4.3	53
94	Innate Recognition of Intracellular Bacterial Growth Is Driven by the TIFA-Dependent Cytosolic Surveillance Pathway. Cell Reports, 2017, 19, 1418-1430.	2.9	52
95	NLRX1 Acts as an Epithelial-Intrinsic Tumor Suppressor through the Modulation of TNF-Mediated Proliferation. Cell Reports, 2016, 14, 2576-2586.	2.9	51
96	Nod-like receptors in intestinal homeostasis, inflammation, and cancer. Journal of Leukocyte Biology, 2011, 90, 471-482.	1.5	49
97	Nucleotide Oligomerization Domains 1 and 2: Regulation of Expression and Function in Preadipocytes. Journal of Immunology, 2008, 181, 3620-3627.	0.4	47
98	Nutrient sensing and metabolic stress pathways in innate immunity. Cellular Microbiology, 2013, 15, n/a-n/a.	1.1	47
99	Role of Nod1 in Mucosal Dendritic Cells during Salmonella Pathogenicity Island 1-Independent Salmonella enterica Serovar Typhimurium Infection. Infection and Immunity, 2009, 77, 4480-4486.	1.0	46
100	Cyclosporine A Impairs Nucleotide Binding Oligomerization Domain (Nod1)-Mediated Innate Antibacterial Renal Defenses in Mice and Human Transplant Recipients. PLoS Pathogens, 2013, 9, e1003152.	2.1	45
101	Nod1 promotes colorectal carcinogenesis by regulating the immunosuppressive functions of tumor-infiltrating myeloid cells. Cell Reports, 2021, 34, 108677.	2.9	44
102	NOD2: a potential target for regulating liver injury. Laboratory Investigation, 2008, 88, 318-327.	1.7	41
103	Listeria monocytogenes and Shigella flexneri Activate the NLRP1B Inflammasome. Infection and Immunity, 2017, 85, .	1.0	41
104	Canonical and noncanonical inflammasomes in intestinal epithelial cells. Cellular Microbiology, 2019, 21, e13079.	1.1	39
105	Nod1 and Nod2 Enhance TLR-Mediated Invariant NKT Cell Activation during Bacterial Infection. Journal of Immunology, 2013, 191, 5646-5654.	0.4	37
106	Trace levels of peptidoglycan in serum underlie the NOD-dependent cytokine response to endoplasmic reticulum stress. Journal of Biological Chemistry, 2019, 294, 9007-9015.	1.6	37
107	Bacterial autophagy. Autophagy, 2012, 8, 1848-1850.	4.3	36
108	ER-stress mobilization of death-associated protein kinase-1â€“dependent xenophagy counteracts mitochondria stressâ€“induced epithelial barrier dysfunction. Journal of Biological Chemistry, 2018, 293, 3073-3087.	1.6	35

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109	Nucleotide Oligomerization Domain 2 (Nod2) Is Not Involved in the Pattern Recognition of Candida albicans. Vaccine Journal, 2006, 13, 423-425.	3.2	34
110	Identification of a synthetic muramyl peptide derivative with enhanced Nod2 stimulatory capacity. Innate Immunity, 2013, 19, 493-503.	1.1	34
111	The mitochondrial Nod-like receptor NLRX1 modifies apoptosis through SARM1. Molecular and Cellular Biochemistry, 2019, 453, 187-196.	1.4	33
112	Modeling the Regulatory Mechanisms by Which NLRX1 Modulates Innate Immune Responses to Helicobacter pylori Infection. PLoS ONE, 2015, 10, e0137839.	1.1	32
113	Intracellular Bacterial Pathogens Trigger the Formation of U Small Nuclear RNA Bodies (U Bodies) through Metabolic Stress Induction. Journal of Biological Chemistry, 2015, 290, 20904-20918.	1.6	32
114	Crohn's disease-associated Nod2 mutants reduce IL10 transcription. Nature Immunology, 2009, 10, 455-457.	7.0	31
115	The emerging role of mTOR signalling in antibacterial immunity. Immunology and Cell Biology, 2014, 92, 346-353.	1.0	31
116	Deletion of NLRX1 increases fatty acid metabolism and prevents diet-induced hepatic steatosis and metabolic syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1883-1895.	1.8	30
117	The eIF2Î± kinase HRI in innate immunity, proteostasis, and mitochondrial stress. FEBS Journal, 2021, 288, 3094-3107.	2.2	30
118	Post-transcriptional Inhibition of Luciferase Reporter Assays by the Nod-like Receptor Proteins NLRX1 and NLRC3. Journal of Biological Chemistry, 2012, 287, 28705-28716.	1.6	29
119	Isoginkgetin, a Natural Biflavonoid Proteasome Inhibitor, Sensitizes Cancer Cells to Apoptosis via Disruption of Lysosomal Homeostasis and Impaired Protein Clearance. Molecular and Cellular Biology, 2019, 39, .	1.1	29
120	Role of Mouse Peptidoglycan Recognition Protein PGLYRP2 in the Innate Immune Response to Salmonella enterica Serovar Typhimurium Infection In Vivo. Infection and Immunity, 2012, 80, 2645-2654.	1.0	28
121	The Campylobacter jejuni helical to coccoid transition involves changes to peptidoglycan and the ability to elicit an immune response. Molecular Microbiology, 2019, 112, 280-301.	1.2	27
122	Interleukin-1 signaling induced by Streptococcus suis serotype 2 is strain-dependent and contributes to bacterial clearance and inflammation during systemic disease in a mouse model of infection. Veterinary Research, 2019, 50, 52.	1.1	26
123	Nod-like receptors in intestinal host defense. Current Opinion in Gastroenterology, 2013, 29, 15-22.	1.0	25
124	Modeling-Enabled Characterization of Novel NLRX1 Ligands. PLoS ONE, 2015, 10, e0145420.	1.1	25
125	Innate Immune Influences on the Gut Microbiome: Lessons from Mouse Models. Trends in Immunology, 2018, 39, 992-1004.	2.9	25
126	Oncolytic targeting of renal cell carcinoma via encephalomyocarditis virus. EMBO Molecular Medicine, 2010, 2, 275-288.	3.3	23

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127	Penicillin Resistance Compromises Nod1-Dependent Proinflammatory Activity and Virulence Fitness of Neisseria meningitidis. Cell Host and Microbe, 2013, 13, 735-745.	5.1	23
128	The Impact of the Gut Microbiome on Colorectal Cancer. Annual Review of Cancer Biology, 2018, 2, 229-249.	2.3	21
129	The eIF2Î± kinase HRI triggers the autophagic clearance of cytosolic protein aggregates. Journal of Biological Chemistry, 2021, 296, 100050.	1.6	21
130	Synthesis and Biological Evaluation of Biotinyl Hydrazone Derivatives of Muramyl Peptides. Chemical Biology and Drug Design, 2012, 79, 2-8.	1.5	19
131	Sensing microbes by diverse hosts. EMBO Reports, 2003, 4, 932-936.	2.0	18
132	NLRX1 Deletion Increases Ischemia-Reperfusion Damage and Activates Glucose Metabolism in Mouse Heart. Frontiers in Immunology, 2020, 11, 591815.	2.2	16
133	The LIM homeobox protein mLIM3/Lhx3 induces expression of the prolactin gene by a Pit-1/GHF-1-independent pathway in corticotroph AtT20 cells. FEBS Letters, 1998, 431, 333-338.	1.3	15
134	Gut microbes extend reach to systemic innate immunity. Nature Medicine, 2010, 16, 160-161.	15.2	15
135	NOD2 modulates immune tolerance via the GM-CSFâ€“dependent generation of CD103⁺dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10946-10957.	3.3	15
136	The intestinal microbiota: from health to disease, and back. Microbes and Infection, 2021, 23, 104849.	1.0	14
137	Phenotyping of Nod1/2 double deficient mice and characterization of Nod1/2 in systemic inflammation and associated renal disease. Biology Open, 2012, 1, 1239-1247.	0.6	13
138	Male Mice Lacking NLRX1 Are Partially Protected From High-Fat Dietâ€“Induced Hyperglycemia. Journal of the Endocrine Society, 2018, 2, 336-347.	0.1	13
139	NLRP1B and NLRP3 Control the Host Response following Colonization with the Commensal Protist Tritrichomonas musculis. Journal of Immunology, 2022, 208, 1782-1789.	0.4	13
140	Defects in NLRP6, autophagy and goblet cell homeostasis are associated with reduced duodenal CRH receptor 2 expression in patients with functional dyspepsia. Brain, Behavior, and Immunity, 2022, 101, 335-345.	2.0	12
141	T Cell Intrinsic NOD2 Is Dispensable for CD8 T Cell Immunity. PLoS ONE, 2013, 8, e56014.	1.1	11
142	NLRC5 deficiency has a moderate impact on immunodominant <scp>CD</scp>8⁺ Tâ€cell responses during rotavirus infection of adult mice. Immunology and Cell Biology, 2019, 97, 552-562.	1.0	10
143	Recognition of Lipoproteins by Toll-like Receptor 2 and DNA by the AIM2 Inflammasome Is Responsible for Production of Interleukin-1Î² by Virulent Suilysin-Negative Streptococcus suis Serotype 2. Pathogens, 2020, 9, 147.	1.2	10
144	PGRP-LB Minds the Fort. Immunity, 2006, 24, 363-366.	6.6	9

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145	Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells. Microbes and Infection, 2008, 10, 1114-1123.	1.0	8
146	Hypothesis-free analysis of ATG16L1 demonstrates gene-wide extent of association with Crohn's disease susceptibility: Table 1. Gut, 2013, 62, 331-333.	6.1	8
147	Enterohaemorrhagic, but not enteropathogenic, Escherichia coli infection of epithelial cells disrupts signalling responses to tumour necrosis factor-alpha. Microbiology (United Kingdom), 2011, 157, 2963-2973.	0.7	7
148	Constitutive induction of intestinal <scp>T</scp>c17 cells in the absence of hematopoietic cellâ€specific <scp>MHC</scp> class II expression. European Journal of Immunology, 2013, 43, 2896-2906.	1.6	7
149	No difference in renal injury and fibrosis between wild-type and NOD1/NOD2 double knockout mice with chronic kidney disease induced by ureteral obstruction. BMC Nephrology, 2018, 19, 78.	0.8	7
150	Knocking In the NLRP3 Inflammasome. Immunity, 2009, 30, 761-763.	6.6	6
151	NLRX1 does not play a role in diabetes nor the development of diabetic nephropathy induced by multiple low doses of streptozotocin. PLoS ONE, 2019, 14, e0214437.	1.1	6
152	Sending signals â€“ The microbiotaâ€™s contribution to intestinal epithelial homeostasis. Microbes and Infection, 2021, 23, 104774.	1.0	5
153	Stalling autophagy: a new function for Listeria phospholipases. Microbial Cell, 2014, 1, 48-50.	1.4	5
154	An optimized procedure for quantitative analysis of mitophagy with the mtKeima system using flow cytometry. BioTechniques, 2020, 69, 249-256.	0.8	4
155	To the Editor. European Journal of Immunology, 2006, 36, 2817-2818.	1.6	2
156	Tissue-selective alternate promoters guide NLRP6 expression. Life Science Alliance, 2021, 4, e202000897.	1.3	1
157	Mammalian PGRPs Also Mind the Fort. Cell Host and Microbe, 2010, 8, 130-132.	5.1	0
158	Carving a Niche for Antibacterial Î±-Defensins when Craving. Cell Host and Microbe, 2019, 25, 632-634.	5.1	0