Eicke Latz

List of Publications by Year
in descending order

303 papers	75,378 citations	1459 107 h-index	567 263 g-index
344 all docs	344 docs citations	344 times ranked	73850 citing authors

#	Article	IF	Citations
1	Regulation of ubiquitin and ubiquitinâ€like modifiers by phosphorylation. FEBS Journal, 2022, 289, 4797-4810.	2.2	9
2	NLRP6 Inflammasome Modulates Disease Progression in a Chronic-Plus-Binge Mouse Model of Alcoholic Liver Disease. Cells, 2022, 11, 182.	1.8	12
3	Olfactory receptor 2 in vascular macrophages drives atherosclerosis by NLRP3-dependent IL-1 production. Science, 2022, 375, 214-221.	6.0	81
4	Soluble TAM receptors sAXL and sTyro3 predict structural and functional protection in Alzheimerâ€™s disease. Neuron, 2022, 110, 1009-1022.e4.	3.8	27
5	Structure of the NLRP3 decamer bound to the cytokine release inhibitor CRID3. Nature, 2022, 604, 184-189.	13.7	109
6	Tetracycline ameliorates silica-induced pulmonary inflammation and fibrosis via inhibition of caspase-1. Respiratory Research, 2022, 23, 21.	1.4	6
7	Primary cilia and their effects on immune cell functions and metabolism: a model. Trends in Immunology, 2022, 43, 366-378.	2.9	6
8	Natural Killer Cell-Mediated Antibody-Dependent Cellular Cytotoxicity Against SARS-CoV-2 After Natural Infection Is More Potent Than After Vaccination. Journal of Infectious Diseases, 2022, 225, 1688-1693.	1.9	17
9	Directionality of PYD filament growth determined by the transition of NLRP3 nucleation seeds to ASC elongation. Science Advances, 2022, 8, eabn7583.	4.7	24
10	Immune response in COVID-19: what is next?. Cell Death and Differentiation, 2022, 29, 1107-1122.	5.0	69
11	Mesaconate is synthesized from itaconate and exerts immunomodulatory effects in macrophages. Nature Metabolism, 2022, 4, 524-533.	5.1	32
12	Imbalanced gut microbiota fuels hepatocellular carcinoma development by shaping the hepatic inflammatory microenvironment. Nature Communications, 2022, 13, .	5.8	68
13	Interrelations of AlzheimerÂ´s disease candidate biomarkers neurogranin, fatty acidâ€binding protein 3 and ferritin to neurodegeneration and neuroinflammation. Journal of Neurochemistry, 2021, 157, 2210-2224.	2.1	15
14	1-Deoxysphingolipids cause autophagosome and lysosome accumulation and trigger NLRP3 inflammasome activation. Autophagy, 2021, 17, 1947-1961.	4.3	25
15	Bidirectional Role of NLRP3 During Acute and Chronic Cholestatic Liver Injury. Hepatology, 2021, 73, 1836-1854.	3.6	51
16	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. Nature Immunology, 2021, 22, 2-6.	7.0	274
17	Intestinal Dysbiosis Amplifies Acetaminophen-Induced Acute Liver Injury. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 909-933.	2.3	62
18	Macrophage inflammatory state in Type 1 diabetes: triggered by NLRP3/iNOS pathway and attenuated by docosahexaenoic acid. Clinical Science, 2021, 135, 19-34.	1.8	25

#	Article	IF	Citations
19	Sensing soluble uric acid by Naip1-Nlrp3 platform. Cell Death and Disease, 2021, 12, 158.	2.7	15
20	Interaction of TLR4 and TLR8 in the Innate Immune Response against Mycobacterium Tuberculosis. International Journal of Molecular Sciences, 2021, 22, 1560.	1.8	18
21	Inhibition of Caspase-1 with Tetracycline Ameliorates Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 53-63.	2.5	45
22	Necroptosis, pyroptosis and apoptosis: an intricate game of cell death. Cellular and Molecular Immunology, 2021, 18, 1106-1121.	4.8	733
23	N-protein presents early in blood, dried blood and saliva during asymptomatic and symptomatic SARS-CoV-2 infection. Nature Communications, 2021, 12, 1931.	5.8	104
24	Development of Fluorescent and Biotin Probes Targeting NLRP3. Frontiers in Chemistry, 2021, 9, 642273.	1.8	8
25	Cytosolic <scp>d</scp>â€type CpGâ€oligonucleotides induce a type I interferon response by activating the cGASâ€STING signaling pathway. European Journal of Immunology, 2021, 51, 1686-1697.	1.6	6
26	Non-linear optical imaging of atherosclerotic plaques in the context of SIV and HIV infection prominently detects crystalline cholesterol esters. PLoS ONE, 2021, 16, e0251599.	1.1	2
27	Contact-dependent inhibition of HIV-1 replication in exÂvivo human tonsil cultures by polymorphonuclear neutrophils. Cell Reports Medicine, 2021, 2, 100317.	3.3	3
28	Skewed endosomal RNA responses from TLR7 to TLR3 in RNase T2-deficient macrophages. International Immunology, 2021, 33, 479-490.	1.8	9
29	Topical inflammasome inhibition with disulfiram prevents irritant contact dermatitis. Clinical and Translational Allergy, 2021, 11, e12045.	1.4	14
30	Inflammasomeâ€induced extracellular vesicles harbour distinct RNA signatures and alter bystander macrophage responses. Journal of Extracellular Vesicles, 2021, 10, e12127.	5.5	36
31	The Specific NLRP3 Antagonist IFM-514 Decreases Fibrosis and Inflammation in Experimental Murine Non-Alcoholic Steatohepatitis. Frontiers in Molecular Biosciences, 2021, 8, 715765.	1.6	14
32	Microglia jointly degrade fibrillar alpha-synuclein cargo by distribution through tunneling nanotubes. Cell, 2021, 184, 5089-5106.e21.	13.5	158
33	Early IFN-Î± signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. Immunity, 2021, 54, 2650-2669.e14.	6.6	145
34	CAD increases the long noncoding RNA PUNISHER in small extracellular vesicles and regulates endothelial cell function via vesicular shuttling. Molecular Therapy - Nucleic Acids, 2021, 25, 388-405.	2.3	21
35	Proteopathic tau primes and activates interleukin-1Î² via myeloid-cell-specific MyD88- and NLRP3-ASC-inflammasome pathway. Cell Reports, 2021, 36, 109720.	2.9	42
36	The inflammasome: from bench to bedside. Nature Reviews Immunology, 2021, 21, 622-623.	10.6	3

#	Article	IF	Citations
37	Microglial NLRP3 Inflammasome Activation upon TLR2 and TLR5 Ligation by Distinct Î±-Synuclein Assemblies. Journal of Immunology, 2021, 207, 2143-2154.	0.4	53
38	BTK operates a phospho-tyrosine switch to regulate NLRP3 inflammasome activity. Journal of Experimental Medicine, 2021, 218, .	4.2	33
39	IL-18 (Interleukin-18) Produced by Renal Tubular Epithelial Cells Promotes Renal Inflammation and Injury During Deoxycorticosterone/Salt-Induced Hypertension in Mice. Hypertension, 2021, 78, 1296-1309.	1.3	22
40	The multifaceted therapeutic value of targeting ATP-citrate lyase in atherosclerosis. Trends in Molecular Medicine, 2021, 27, 1095-1105.	3.5	17
41	Deciphering How NLRP3 Incites the Stromal Response in Kawasaki Vasculitis. Circulation Research, 2021, 129, 840-842.	2.0	1
42	Microglial PDâ€1 stimulation by astrocytic PDâ€L1 suppresses neuroinflammation and Alzheimerâ€™s disease pathology. EMBO Journal, 2021, 40, e108662.	3.5	41
43	New Aspects of Kidney Fibrosisâ€“From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814497.	1.2	21
44	Multicenter Alzheimer's and Parkinson's disease immune biomarker verification study. Alzheimer's and Dementia, 2020, 16, 292-304.	0.4	29
45	Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation. Nature Immunology, 2020, 21, 30-41.	7.0	169
46	STAT3 serine phosphorylation is required for TLR4 metabolic reprogramming and IL-1Î² expression. Nature Communications, 2020, 11, 3816.	5.8	78
47	The impact of cell maturation and tissue microenvironments on the expression of endosomal Toll-like receptors in monocytes and macrophages. International Immunology, 2020, 32, 785-798.	1.8	14
48	Gut microbiota drives hepatocarcinogenesis by promoting TLR4-dependent expansion of monocytic myeloid-derived suppressor cells. Journal of Hepatology, 2020, 73, S3.	1.8	0
49	Cholesterol crystals use complement to increase NLRP3 signaling pathways in coronary and carotid atherosclerosis. EBioMedicine, 2020, 60, 102985.	2.7	41
50	Metabolomic Profiling Reveals Distinct and Mutual Effects of Diet and Inflammation in Shaping Systemic Metabolism in Ldlrâ^'/â^' Mice. Metabolites, 2020, 10, 336.	1.3	5
51	Screening of components involved in activation of innate immune responses and inflammation in NEMO KO mice. Journal of Hepatology, 2020, 73, S295-S296.	1.8	0
52	Innate immune activation of the NLRP3 inflammasome pathway drives tau pathology. Alzheimer's and Dementia, 2020, 16, e039815.	0.4	0
53	Platelets Fuel the Inflammasome Activation of Innate Immune Cells. Cell Reports, 2020, 31, 107615.	2.9	96
54	Jack of all trades inhibits inflammation (in sober people). Nature Immunology, 2020, 21, 718-719.	7.0	6

#	Article	IF	Citations
55	Enduring Changes in Neuronal Function upon Systemic Inflammation Are NLRP3 Inflammasome Dependent. Journal of Neuroscience, 2020, 40, 5480-5494.	1.7	36
56	Immediate and long-term consequences of COVID-19 infections for the development of neurological disease. Alzheimer's Research and Therapy, 2020, 12, 69.	3.0	367
57	Crystal structure of the human NLRP9 pyrin domain suggests a distinct mode of inflammasome assembly. FEBS Letters, 2020, 594, 2383-2395.	1.3	17
58	Spatiotemporal proteomics uncovers cathepsin-dependent macrophage cell death during Salmonella infection. Nature Microbiology, 2020, 5, 1119-1133.	5.9	30
59	Î²-Amyloid Clustering around ASC Fibrils Boosts Its Toxicity in Microglia. Cell Reports, 2020, 30, 3743-3754.e6.	2.9	109
60	PLCG2 protective variant p.P522R modulates tau pathology and disease progression in patients with mild cognitive impairment. Acta Neuropathologica, 2020, 139, 1025-1044.	3.9	40
61	Defining trained immunity and its role in health and disease. Nature Reviews Immunology, 2020, 20, 375-388.	10.6	1,345
62	The RNAâ€‐binding protein hnRNPU regulates the sorting of microRNAâ€30câ€5p into large extracellular vesicles. Journal of Extracellular Vesicles, 2020, 9, 1786967.	5.5	56
63	CD82 controls CpGâ€dependent TLR9 signaling. FASEB Journal, 2019, 33, 12500-12514.	0.2	16
64	Blocking Inflammasome Activation Caused by Î²-Amyloid Peptide (AÎ²) and Islet Amyloid Polypeptide (IAPP) through an IAPP Mimic. ACS Chemical Neuroscience, 2019, 10, 3703-3717.	1.7	16
65	Alternative splicing regulates stochastic NLRP3 activity. Nature Communications, 2019, 10, 3238.	5.8	44
66	AIM2 inflammasome-derived IL-1Î² induces postoperative ileus in mice. Scientific Reports, 2019, 9, 10602.	1.6	13
67	High-Density Lipoproteins Decrease Proinflammatory Activity and Modulate the Innate Immune Response. Journal of Interferon and Cytokine Research, 2019, 39, 760-770.	0.5	25
68	Systemic inflammation impairs microglial AÎ² clearance through <scp>NLRP</scp> 3 inflammasome. EMBO Journal, 2019, 38, e101064.	3.5	226
69	NLRP3 inflammasome-activating arginine-based liposomes promote antigen presentations in dendritic cells . International Journal of Nanomedicine, 2019, Volume 14, 3503-3516.	3.3	20
70	Membrane fusogenic lysine type lipid assemblies possess enhanced NLRP3 inflammasome activation potency. Biochemistry and Biophysics Reports, 2019, 18, 100623.	0.7	8
71	Targeting hormone refractory prostate cancer by in vivo selected DNA libraries in an orthotopic xenograft mouse model. Scientific Reports, 2019, 9, 4976.	1.6	14
72	Compartmentalization of Immune Response and Microbial Translocation in Decompensated Cirrhosis. Frontiers in Immunology, 2019, 10, 69.	2.2	40

#	Article	IF	Citations
73	The Western lifestyle has lasting effects on metaflammation. Nature Reviews Immunology, 2019, 19, 267-268.	10.6	107
74	Pattern Recognition Receptors in Autoinflammation. , 2019, , 61-87.		2
75	Efficacy of novel selective NLRP3 inhibitors in human and murine retinal pigment epithelial cells. Journal of Molecular Medicine, 2019, 97, 523-532.	1.7	17
76	NLRP3 inflammasome activation drives tau pathology. Nature, 2019, 575, 669-673.	13.7	782
77	Western Diet and the Immune System: An Inflammatory Connection. Immunity, 2019, 51, 794-811.	6.6	416
78	Toll-like Receptor Signaling Rewires Macrophage Metabolism and Promotes Histone Acetylation via ATP-Citrate Lyase. Immunity, 2019, 51, 997-1011.e7.	6.6	216
79	Charcotâ€“Leyden Crystals Activate the NLRP3 Inflammasome and Cause IL-1Î² Inflammation in Human Macrophages. Journal of Immunology, 2019, 202, 550-558.	0.4	52
80	Pharmacological inhibition of the NLRP3 inflammasome reduces blood pressure, renal damage, and dysfunction in salt-sensitive hypertension. Cardiovascular Research, 2019, 115, 776-787.	1.8	165
81	Circulating microbiome in blood of different circulatory compartments. Gut, 2019, 68, 578-580.	6.1	120
82	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. Cell, 2018, 172, 162-175.e14.	13.5	705
83	The intraâ€•and extracellular functions of <scp>ASC</scp> specks. Immunological Reviews, 2018, 281, 74-87.	2.8	82
84	TAK1ng control: TAK1 restrains NLRP3 activation. Journal of Experimental Medicine, 2018, 215, 1007-1008.	4.2	9
85	Inhibitory effects of colchicine on inflammasomes. Atherosclerosis, 2018, 273, 153-154.	0.4	11
86	Systematic evaluation of cell-SELEX enriched aptamers binding to breast cancer cells. Biochimie, 2018, 145, 53-62.	1.3	46
87	Increase in liver stiffness after transjugular intrahepatic portosystemic shunt is associated with inflammation and predicts mortality. Hepatology, 2018, 67, 1472-1484.	3.6	77
88	RNA Aptamers Recognizing Murine CCL17 Inhibit T Cell Chemotaxis and Reduce Contact Hypersensitivity InÂVivo. Molecular Therapy, 2018, 26, 95-104.	3.7	20
89	Generation of Innate Immune Reporter Cells Using Retroviral Transduction. Methods in Molecular Biology, 2018, 1714, 97-117.	0.4	11
90	Suppressive oligodeoxynucleotides containing TTAGGG motifs inhibit cGAS activation in human monocytes. European Journal of Immunology, 2018, 48, 605-611.	1.6	60

#	Article	IF	Citations
91	Innate Immunity and Neurodegeneration. Annual Review of Medicine, 2018, 69, 437-449.	5.0	221
92	Crystalline structure of pulverized dental calculus induces cell death in oral epithelial cells. Journal of Periodontal Research, 2018, 53, 353-361.	1.4	13
93	Lysine-containing cationic liposomes activate the NLRP3 inflammasome: Effect of a spacer between the head group and the hydrophobic moieties of the lipids. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 279-288.	1.7	22
94	Evidence of inflammasome activation and formation of monocyte-derived ASC specks in HIV-1 positive patients. Aids, 2018, 32, 299-307.	1.0	33
95	II-01â€...TLR9-deficiency exacerbates autoimmune disease in models of SLE and cutaneous lupus through B cell independent mechanisms. , 2018, , .		0
96	DNA-Mediated Interferon Signature Induction by SLE Serum Occurs in Monocytes Through Two Pathways: A Mechanism to Inhibit Both Pathways. Frontiers in Immunology, 2018, 9, 2824.	2.2	32
97	NLRP3 inflammasome activation in inflammaging. Seminars in Immunology, 2018, 40, 61-73.	2.7	109
98	Cellular Clearance and Biological Activity of Calciprotein Particles Depend on Their Maturation State and Crystallinity. Frontiers in Immunology, 2018, 9, 1991.	2.2	84
99	Inflammasome signalling in brain function and neurodegenerative disease. Nature Reviews Neuroscience, 2018, 19, 610-621.	4.9	514
100	Immortalization of Murine Bone Marrow-Derived Macrophages. Methods in Molecular Biology, 2018, 1784, 35-49.	0.4	42
101	The Chaperone UNC93B1 Regulates Toll-like Receptor Stability Independently of Endosomal TLR Transport. Immunity, 2018, 48, 911-922.e7.	6.6	92
102	ASC specks: a biomarker for myelodysplastic syndromes?. Lancet Haematology,the, 2018, 5, e379-e380.	2.2	2
103	Interleukin-1 receptorâ€“associated kinase 4 (IRAK4) plays a dual role in myddosome formation and Toll-like receptor signaling. Journal of Biological Chemistry, 2018, 293, 15195-15207.	1.6	86
104	Targeting the NLRP3 inflammasome in inflammatory diseases. Nature Reviews Drug Discovery, 2018, 17, 588-606.	21.5	1,084
105	Inflammasome-derived cytokine IL18 suppresses amyloid-induced seizures in Alzheimer-prone mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9002-9007.	3.3	41
106	NLRP3 Inflammasome and the IL-1 Pathway in Atherosclerosis. Circulation Research, 2018, 122, 1722-1740.	2.0	564
107	PD-L1 is expressed on human platelets and is affected by immune checkpoint therapy. Oncotarget, 2018, 9, 27460-27470.	0.8	53
108	Soluble Uric Acid Activates the NLRP3 Inflammasome. Scientific Reports, 2017, 7, 39884.	1.6	259

#	Article	IF	Citations
109	Human NACHT, LRR, and PYD domainâ€“containing protein 3 (NLRP3) inflammasome activity is regulated by and potentially targetable through Bruton tyrosine kinase. Journal of Allergy and Clinical Immunology, 2017, 140, 1054-1067.e10.	1.5	105
110	TLR sensing of bacterial spore-associated RNA triggers host immune responses with detrimental effects. Journal of Experimental Medicine, 2017, 214, 1297-1311.	4.2	33
111	NLRP3 inflammasome assembly is regulated by phosphorylation of the pyrin domain. Journal of Experimental Medicine, 2017, 214, 1725-1736.	4.2	270
112	Localization of 1-deoxysphingolipids to mitochondria induces mitochondrial dysfunction. Journal of Lipid Research, 2017, 58, 42-59.	2.0	67
113	PB1-F2 Peptide Derived from Avian Influenza A Virus H7N9 Induces Inflammation via Activation of the NLRP3 Inflammasome. Journal of Biological Chemistry, 2017, 292, 826-836.	1.6	70
114	Anakinra reduces blood pressure and renal fibrosis in one kidney/DOCA/salt-induced hypertension. Pharmacological Research, 2017, 116, 77-86.	3.1	38
115	Activation of the <scp>NLRP</scp>3 inflammasome in microglia: the role of ceramide. Journal of Neurochemistry, 2017, 143, 534-550.	2.1	101
116	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. Cell Metabolism, 2017, 26, 620-632.e6.	7.2	66
117	The DNA Inflammasome in Human Myeloid Cells Is Initiated by a STING-Cell Death Program Upstream of NLRP3. Cell, 2017, 171, 1110-1124.e18.	13.5	431
118	CD14â€”New Tricks of an Old Acquaintance. Immunity, 2017, 47, 606-608.	6.6	4
119	Cyclodextrin Reduces Cholesterol Crystalâ€“Induced Inflammation by Modulating Complement Activation. Journal of Immunology, 2017, 199, 2910-2920.	0.4	31
120	A guiding map for inflammation. Nature Immunology, 2017, 18, 826-831.	7.0	506
121	Cyclodextrin inhibits CC-induced complement activation. Molecular Immunology, 2017, 89, 167-168.	1.0	0
122	Inflammasomes on the Crossroads of Innate Immune Recognition and Metabolic Control. Cell Metabolism, 2017, 26, 71-93.	7.2	223
123	Assembly and regulation of ASC specks. Cellular and Molecular Life Sciences, 2017, 74, 1211-1229.	2.4	105
124	HMGB1, IL-1Î±, IL-33 and S100 proteins: dual-function alarmins. Cellular and Molecular Immunology, 2017, 14, 43-64.	4.8	333
125	Inflammation in Atherosclerosis. , 2017, , 1279-1300.		0
126	Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. Immunity, 2017, 47, 1051-1066.e12.	6.6	133

#	Article	IF	Citations
127	Microglia-derived ASC specks cross-seed amyloid-Î² in Alzheimerâ€™s disease. Nature, 2017, 552, 355-361.	13.7	664
128	Discovery of PF-06928215 as a high affinity inhibitor of cGAS enabled by a novel fluorescence polarization assay. PLoS ONE, 2017, 12, e0184843.	1.1	99
129	Dental Calculus Stimulates Interleukin-1Î² Secretion by Activating NLRP3 Inflammasome in Human and Mouse Phagocytes. PLoS ONE, 2016, 11, e0162865.	1.1	15
130	Nucleic acidâ€sensing <scp>TLR</scp>s and autoimmunity: novel insights from structural and cell biology. Immunological Reviews, 2016, 269, 60-75.	2.8	108
131	TLR9 Deficiency Leads to Accelerated Renal Disease and Myeloid Lineage Abnormalities in Pristane-Induced Murine Lupus. Journal of Immunology, 2016, 197, 1044-1053.	0.4	51
132	Interferons and inflammasomes: Cooperation and counterregulation in disease. Journal of Allergy and Clinical Immunology, 2016, 138, 37-46.	1.5	68
133	Measuring NLR Oligomerization II: Detection of ASC Speck Formation by Confocal Microscopy and Immunofluorescence. Methods in Molecular Biology, 2016, 1417, 145-158.	0.4	32
134	Trained immunity: A program of innate immune memory in health and disease. Science, 2016, 352, aaf1098.	6.0	1,809
135	Long-term activation of the innate immune system in atherosclerosis. Seminars in Immunology, 2016, 28, 384-393.	2.7	75
136	Automated nanoscale flow cytometry for assessing proteinâ€“protein interactions. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 835-843.	1.1	20
137	IRGB10 Exposes Bacteriaâ€™s Intimate Secrets. Developmental Cell, 2016, 39, 7-8.	3.1	3
138	Inflammasome activity is essential for one kidney/deoxycorticosterone acetate/saltâ€induced hypertension in mice. British Journal of Pharmacology, 2016, 173, 752-765.	2.7	143
139	Efficacy and Pharmacology of the NLRP3 Inflammasome Inhibitor CP-456,773 (CRID3) in Murine Models of Dermal and Pulmonary Inflammation. Journal of Immunology, 2016, 197, 2421-2433.	0.4	138
140	Ursodeoxycholic acid impairs atherogenesis and promotes plaque regression by cholesterol crystal dissolution in mice. Biochemical and Biophysical Research Communications, 2016, 478, 356-362.	1.0	23
141	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. Science Translational Medicine, 2016, 8, 333ra50.	5.8	271
142	Reassessing the role of the NLRP3 inflammasome during pathogenic influenza A virus infection via temporal inhibition. Scientific Reports, 2016, 6, 27912.	1.6	150
143	Statins improve NASH via inhibition of RhoA and Ras. American Journal of Physiology - Renal Physiology, 2016, 311, G724-G733.	1.6	61
144	RAGE Enhances TLR Responses through Binding and Internalization of RNA. Journal of Immunology, 2016, 197, 4118-4126.	0.4	51

#	Article	IF	Citations
145	Distinct surveillance pathway for immunopathology during acute infection via autophagy and SR-BI. Scientific Reports, 2016, 6, 34440.	1.6	15
146	An NLRP3-specific inflammasome inhibitor attenuates crystal-induced kidney fibrosis inÂmice. Kidney International, 2016, 90, 525-539.	2.6	144
147	A Fluorescent Reporter Mouse for Inflammasome Assembly Demonstrates an Important Role for Cell-Bound and Free ASC Specks during InÂVivo Infection. Cell Reports, 2016, 16, 571-582.	2.9	99
148	Crystal Formation in Inflammation. Annual Review of Immunology, 2016, 34, 173-202.	9.5	106
149	Comprehensive RNAi-based screening of human and mouse TLR pathways identifies species-specific preferences in signaling protein use. Science Signaling, 2016, 9, ra3.	1.6	66
150	Toll-Like Receptor Interactions Measured by Microscopic and Flow Cytometric FRET. Methods in Molecular Biology, 2016, 1390, 41-64.	0.4	2
151	Recent insights into the molecular mechanisms of the NLRP3 inflammasome activation. F1000Research, 2016, 5, 1469.	0.8	136
152	CX3CR1 is a gatekeeper for intestinal barrier integrity in mice: Limiting steatohepatitis by maintaining intestinal homeostasis. Hepatology, 2015, 62, 1405-1416.	3.6	94
153	Weekly Treatment of 2-Hydroxypropyl-Î²-cyclodextrin Improves Intracellular Cholesterol Levels in LDL Receptor Knockout Mice. International Journal of Molecular Sciences, 2015, 16, 21056-21069.	1.8	17
154	Reconstituted High-Density Lipoprotein Attenuates Cholesterol Crystalâ€“Induced Inflammatory Responses by Reducing Complement Activation. Journal of Immunology, 2015, 195, 257-264.	0.4	27
155	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. Cell, 2015, 163, 1428-1443.	13.5	728
156	Transcriptome Assessment Reveals a Dominant Role for TLR4 in the Activation of Human Monocytes by the Alarmin MRP8. Journal of Immunology, 2015, 194, 575-583.	0.4	68
157	A small-molecule inhibitor of the NLRP3 inflammasome for the treatment of inflammatory diseases. Nature Medicine, 2015, 21, 248-255.	15.2	1,967
158	Synergistic activation of Toll-like receptor 8 by two RNA degradation products. Nature Structural and Molecular Biology, 2015, 22, 99-101.	3.6	23
159	Innate immunity in Alzheimer's disease. Nature Immunology, 2015, 16, 229-236.	7.0	619
160	Danger Signaling in Atherosclerosis. Circulation Research, 2015, 116, 323-340.	2.0	87
161	Sequence-dependent off-target inhibition of TLR7/8 sensing by synthetic microRNA inhibitors. Nucleic Acids Research, 2015, 43, 1177-1188.	6.5	39
162	TLR8 Senses Bacterial RNA in Human Monocytes and Plays a Nonredundant Role for Recognition of Streptococcus pyogenes. Journal of Immunology, 2015, 195, 1092-1099.	0.4	105

#	Article	IF	Citations
163	Neutrophil extracellular trap formation in supragingival biofilms. International Journal of Medical Microbiology, 2015, 305, 453-463.	1.5	54
164	Neuroinflammation in Alzheimer's disease. Lancet Neurology, The, 2015, 14, 388-405.	4.9	4,129
165	NLRP3 Protein Deficiency Exacerbates Hyperoxia-induced Lethality through Stat3 Protein Signaling Independent of Interleukin-1Î². Journal of Biological Chemistry, 2015, 290, 5065-5077.	1.6	53
166	Light induces NLRP3 inflammasome activation in retinal pigment epithelial cells via lipofuscin-mediated photooxidative damage. Journal of Molecular Medicine, 2015, 93, 905-916.	1.7	67
167	A transcriptional perspective on human macrophage biology. Seminars in Immunology, 2015, 27, 44-50.	2.7	33
168	ATF3 Is a Key Regulator of Macrophage IFN Responses. Journal of Immunology, 2015, 195, 4446-4455.	0.4	121
169	The Inflammasomes and Autoinflammatory Syndromes. Annual Review of Pathology: Mechanisms of Disease, 2015, 10, 395-424.	9.6	241
170	Gadolinium-based compounds induce NLRP3-dependent IL-1Î² production and peritoneal inflammation. Annals of the Rheumatic Diseases, 2015, 74, 2062-2069.	0.5	37
171	LOX-1 and mitochondria: an inflammatory relationship. Cardiovascular Research, 2014, 103, 435-437.	1.8	8
172	<scp>IL</scp>â€1Î² and <scp>IL</scp>â€18: inflammatory markers or mediators of hypertension?. British Journal of Pharmacology, 2014, 171, 5589-5602.	2.7	168
173	Editorial overview: Special section: Effects of endogenous immune stimulants: From a defence system against infection to a homeostatic mechanism linking metabolism with inflammation. Current Opinion in Immunology, 2014, 30, viii-ix.	2.4	3
174	Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.	2.4	50
175	Optimization of transcription factor binding map accuracy utilizing knockout-mouse models. Nucleic Acids Research, 2014, 42, 13051-13060.	6.5	25
176	HIV-1 Induces the First Signal to Activate the NLRP3 Inflammasome in Monocyte-Derived Macrophages. Intervirology, 2014, 57, 36-42.	1.2	61
177	NLRC3 Puts the Brakes on STING. Immunity, 2014, 40, 305-306.	6.6	14
178	High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. Nature Immunology, 2014, 15, 152-160.	7.0	337
179	Novel Small Molecule Inhibitors of TLR7 and TLR9: Mechanism of Action and Efficacy In Vivo. Molecular Pharmacology, 2014, 85, 429-440.	1.0	117
180	Cholesterol Crystals Induce Complement-Dependent Inflammasome Activation and Cytokine Release. Journal of Immunology, 2014, 192, 2837-2845.	0.4	236

#	Article	IF	Citations
181	OutKnocker: a web tool for rapid and simple genotyping of designer nuclease edited cell lines. Genome Research, 2014, 24, 1719-1723.	2.4	122
182	Innate immune activation in neurodegenerative disease. Nature Reviews Immunology, 2014, 14, 463-477.	10.6	1,053
183	Cutting Edge: The UNC93B1 Tyrosine-Based Motif Regulates Trafficking and TLR Responses via Separate Mechanisms. Journal of Immunology, 2014, 193, 3257-3261.	0.4	37
184	176. Cytokine, 2014, 70, 70.	1.4	2
185	Transcriptome-Based Network Analysis Reveals a Spectrum Model of Human Macrophage Activation. Immunity, 2014, 40, 274-288.	6.6	1,692
186	New Insights into Mechanisms Controlling the NLRP3 Inflammasome and Its Role in Lung Disease. American Journal of Pathology, 2014, 184, 42-54.	1.9	170
187	Dual Engagement of the NLRP3 and AIM2 Inflammasomes by Plasmodium-Derived Hemozoin and DNA during Malaria. Cell Reports, 2014, 6, 196-210.	2.9	152
188	Inflammasome-Dependent and -Independent IL-18 Production Mediates Immunity to the ISCOMATRIX Adjuvant. Journal of Immunology, 2014, 192, 3259-3268.	0.4	69
189	The TLR signaling adaptor TRAM interacts with TRAF6 to mediate activation of the inflammatory response by TLR4. Journal of Leukocyte Biology, 2014, 96, 427-436.	1.5	38
190	The adaptor ASC has extracellular and 'prionoid' activities that propagate inflammation. Nature Immunology, 2014, 15, 727-737.	7.0	651
191	CD36 coordinates NLRP3 inflammasome activation by facilitating intracellular nucleation of soluble ligands into particulate ligands in sterile inflammation. Nature Immunology, 2013, 14, 812-820.	7.0	746
192	ASC Speck Formation as a Readout for Inflammasome Activation. Methods in Molecular Biology, 2013, 1040, 91-101.	0.4	257
193	Cell intrinsic immunity spreads to bystander cells via the intercellular transfer of cGAMP. Nature, 2013, 503, 530-534.	13.7	483
194	NLRP3 is activated in Alzheimerâ€™s disease and contributes to pathology in APP/PS1 mice. Nature, 2013, 493, 674-678.	13.7	2,063
195	iGLuc: a luciferase-based inflammasome and protease activity reporter. Nature Methods, 2013, 10, 147-154.	9.0	65
196	Cholesterol Crystals and Inflammation. Current Rheumatology Reports, 2013, 15, 313.	2.1	154
197	Activation and regulation of the inflammasomes. Nature Reviews Immunology, 2013, 13, 397-411.	10.6	2,373
198	Chemical genetics reveals a kinase-independent role for protein kinase R in pyroptosis. Nature Chemical Biology, 2013, 9, 398-405.	3.9	76

#	Article	IF	Citations
199	PKR stirs up inflammasomes. Cell Research, 2013, 23, 168-170.	5.7	11
200	Mechanisms of Sterile Inflammation. Frontiers in Immunology, 2013, 4, 398.	2.2	45
201	Activation of the NLRP3 Inflammasome by IAV Virulence Protein PB1-F2 Contributes to Severe Pathophysiology and Disease. PLoS Pathogens, 2013, 9, e1003392.	2.1	195
202	Overexpression of Membrane-Bound Fas Ligand (CD95L) Exacerbates Autoimmune Disease and Renal Pathology in Pristane-Induced Lupus. Journal of Immunology, 2013, 191, 2104-2114.	0.4	18
203	RAGE is a nucleic acid receptor that promotes inflammatory responses to DNA. Journal of Experimental Medicine, 2013, 210, 2447-2463.	4.2	177
204	<scp>IRF</scp>5, <scp>IRF</scp>8, and <scp>IRF</scp>7 in human p<scp>DC</scp>s â€" the good, the bad, and the insignificant?. European Journal of Immunology, 2013, 43, 1693-1697.	1.6	27
205	Assessment and Quantification of Crystal-Induced Lysosomal Damage. Methods in Molecular Biology, 2013, 1040, 19-27.	0.4	7
206	RAGE is a nucleic acid receptor that promotes inflammatory responses to DNA. Journal of Cell Biology, 2013, 203, 2031OIA111.	2.3	0
207	KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas. Brain, 2012, 135, 1027-1041.	3.7	47
208	Noncanonical Autophagy Is Required for Type I Interferon Secretion in Response to DNA-Immune Complexes. Immunity, 2012, 37, 986-997.	6.6	315
209	Cutting Edge: FAS (CD95) Mediates Noncanonical IL-1Î² and IL-18 Maturation via Caspase-8 in an RIP3-Independent Manner. Journal of Immunology, 2012, 189, 5508-5512.	0.4	254
210	IL-1, quo vadis?. Atherosclerosis, 2012, 222, 324-325.	0.4	2
211	Endothelial Microparticle Uptake in Target Cells Is Annexin I/Phosphatidylserine Receptor Dependent and Prevents Apoptosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1925-1935.	1.1	110
212	For gut's sake: NLRC4 inflammasomes distinguish friend from foe. Nature Immunology, 2012, 13, 429-431.	7.0	4
213	Structures of the HIN Domain:DNA Complexes Reveal Ligand Binding and Activation Mechanisms of the AIM2 Inflammasome and IFI16 Receptor. Immunity, 2012, 36, 561-571.	6.6	456
214	O020 Influenza a virus protein PB1-F2 activates the NLRP3 inflammasome to induce inflammation. Cytokine, 2012, 59, 506.	1.4	0
215	HIV Type 1 Infection Up-Regulates TLR2 and TLR4 Expression and Function in Vivo and in Vitro. AIDS Research and Human Retroviruses, 2012, 28, 1313-1328.	0.5	73
216	Direct measurement of the interaction force between immunostimulatory CpGâ€"DNA and TLR9 fusion protein. Journal of Molecular Recognition, 2012, 25, 74-81.	1.1	5

#	Article	IF	Citations
217	Inflammasomopathies: Diseases Linked to the NLRP3 Inflammasome. , 2012, , 23-65.		0
218	Up-Regulation of TLR2 and TLR4 in Dendritic Cells in Response to HIV Type 1 and Coinfection with Opportunistic Pathogens. AIDS Research and Human Retroviruses, 2011, 27, 1099-1109.	0.5	47
219	Activation and Regulation of the NLRP3 Inflammasome. , 2011, , 197-208.		3
220	Critical role of nucleotide-binding oligomerization domain-like receptor 3 in vascular repair. Biochemical and Biophysical Research Communications, 2011, 411, 627-631.	1.0	6
221	NLRP3 inflammasomes link inflammation and metabolic disease. Trends in Immunology, 2011, 32, 373-379.	2.9	352
222	Intracellular sensing of microbes and danger signals by the inflammasomes. Immunological Reviews, 2011, 243, 119-135.	2.8	113
223	Getting Closer to the Dirty Little Secret. Immunity, 2011, 34, 455-458.	6.6	16
224	Natural Loss-of-function Mutation of Myeloid Differentiation Protein 88 Disrupts Its Ability to Form Myddosomes. Journal of Biological Chemistry, 2011, 286, 11875-11882.	1.6	34
225	The Critical Role of IL-1 Receptor-Associated Kinase 4-Mediated NF-Î¹B Activation in Modified Low-Density Lipoprotein-Induced Inflammatory Gene Expression and Atherosclerosis. Journal of Immunology, 2011, 186, 2871-2880.	0.4	44
226	Optimal oligonucleotide sequences for TLR9 inhibitory activity in human cells: lack of correlation with TLR9 binding. International Immunology, 2011, 23, 203-214.	1.8	32
227	The Inflammasome in Atherosclerosis and Type 2 Diabetes. Science Translational Medicine, 2011, 3, 81ps17.	5.8	134
228	Innate Immune Receptors for Nucleic Acids. Methods in Molecular Biology, 2011, 748, 69-82.	0.4	1
229	NOX-free inflammasome activation. Blood, 2010, 116, 1393-1394.	0.6	34
230	Colitis induced in mice with dextran sulfate sodium (DSS) is mediated by the NLRP3 inflammasome. Gut, 2010, 59, 1192-1199.	6.1	687
231	The Rab11a GTPase Controls Toll-like Receptor 4-Induced Activation of Interferon Regulatory Factor-3 on Phagosomes. Immunity, 2010, 33, 583-596.	6.6	173
232	The inflammasomes: mechanisms of activation and function. Current Opinion in Immunology, 2010, 22, 28-33.	2.4	403
233	Critical functions of priming and lysosomal damage for NLRP3 activation. European Journal of Immunology, 2010, 40, 620-623.	1.6	243
234	Listeria monocytogenes is sensed by the NLRP3 and AIM2 inflammasome. European Journal of Immunology, 2010, 40, 1545-1551.	1.6	221

#	Article	IF	Citations
235	Higher order structure of short immunostimulatory oligonucleotides studied by atomic force microscopy. Ultramicroscopy, 2010, 110, 689-693.	0.8	23
236	NLRP3 inflammasomes are required for atherogenesis and activated by cholesterol crystals. Nature, 2010, 464, 1357-1361.	13.7	3,130
237	The AIM2 inflammasome is essential for host defense against cytosolic bacteria and DNA viruses. Nature Immunology, 2010, 11, 395-402.	7.0	1,113
238	IFI16 is an innate immune sensor for intracellular DNA. Nature Immunology, 2010, 11, 997-1004.	7.0	1,369
239	Intracellular DNA recognition. Nature Reviews Immunology, 2010, 10, 123-130.	10.6	320
240	Phosphothioate oligodeoxynucleotides inhibitPlasmodiumsporozoite gliding motility. Cellular Microbiology, 2010, 12, 506-515.	1.1	12
241	Rational Design of Immunostimulatory siRNAs. Molecular Therapy, 2010, 18, 785-795.	3.7	66
242	Identification of a Novel Human MD-2 Splice Variant That Negatively Regulates Lipopolysaccharide-Induced TLR4 Signaling. Journal of Immunology, 2010, 184, 6359-6366.	0.4	30
243	Anti-inflammatory Compounds Parthenolide and Bay 11-7082 Are Direct Inhibitors of the Inflammasome. Journal of Biological Chemistry, 2010, 285, 9792-9802.	1.6	493
244	The Sterile Inflammatory Response. Annual Review of Immunology, 2010, 28, 321-342.	9.5	703
245	Influence of genetic variations in TLR4 and TIRAP/Mal on the course of sepsis and pneumonia and cytokine release: an observational study in three cohorts. Critical Care, 2010, 14, R103.	2.5	72
246	Alternating 2â€²-O-ribose methylation is a universal approach for generating non-stimulatory siRNA by acting as TLR7 antagonist. Immunobiology, 2010, 215, 559-569.	0.8	82
247	Cutting Edge: NF-Î°B Activating Pattern Recognition and Cytokine Receptors License NLRP3 Inflammasome Activation by Regulating NLRP3 Expression. Journal of Immunology, 2009, 183, 787-791.	0.4	2,281
248	Differential Cytokine Production and Bystander Activation of Autoreactive B Cells in Response to CpG-A and CpG-B Oligonucleotides. Journal of Immunology, 2009, 183, 6262-6268.	0.4	39
249	Inflammasomes: too big to miss. Journal of Clinical Investigation, 2009, 119, 3502-3511.	3.9	306
250	An Oligomeric Signaling Platform Formed by the Toll-like Receptor Signal Transducers MyD88 and IRAK-4. Journal of Biological Chemistry, 2009, 284, 25404-25411.	1.6	323
251	AIM2 recognizes cytosolic dsDNA and forms a caspase-1-activating inflammasome with ASC. Nature, 2009, 458, 514-518.	13.7	2,098
252	RIG-I-dependent sensing of poly(dA:dT) through the induction of an RNA polymerase IIIâ€“transcribed RNA intermediate. Nature Immunology, 2009, 10, 1065-1072.	7.0	762

#	Article	IF	Citations
253	'Toll2008' outgrows its name. Nature Immunology, 2009, 10, 7-10.	7.0	1
254	Recognition of 5â€² Triphosphate by RIG-I Helicase Requires Short Blunt Double-Stranded RNA as Contained in Panhandle of Negative-Strand Virus. Immunity, 2009, 31, 25-34.	6.6	660
255	Toll-Like Receptor Interactions Imaged by FRET Microscopy and GFP Fragment Reconstitution. Methods in Molecular Biology, 2009, 517, 33-54.	0.4	4
256	New Insights into the Biology of Toll-Like Receptors and Inflammasomes.. Blood, 2009, 114, SCI-23-SCI-23.	0.6	0
257	Silica crystals and aluminum salts activate the NALP3 inflammasome through phagosomal destabilization. Nature Immunology, 2008, 9, 847-856.	7.0	2,568
258	The NALP3 inflammasome is involved in the innate immune response to amyloid-Î². Nature Immunology, 2008, 9, 857-865.	7.0	2,047
259	Cathepsin K-Dependent Toll-Like Receptor 9 Signaling Revealed in Experimental Arthritis. Science, 2008, 319, 624-627.	6.0	401
260	The DNA Sugar Backbone 2â€² Deoxyribose Determines Toll-like Receptor 9 Activation. Immunity, 2008, 28, 315-323.	6.6	245
261	TLR-Independent Type I Interferon Induction in Response to an Extracellular Bacterial PathogenÂvia Intracellular Recognition of Its DNA. Cell Host and Microbe, 2008, 4, 543-554.	5.1	118
262	SPTLC1 Binds ABCA1 To Negatively Regulate Trafficking and Cholesterol Efflux Activity of the Transporter. Biochemistry, 2008, 47, 6138-6147.	1.2	51
263	Recruitment and Endo-Lysosomal Activation of TLR9 in Dendritic Cells Infected withTrypanosoma cruzi. Journal of Immunology, 2008, 181, 1333-1344.	0.4	74
264	Efficacy and Safety of Chaperonin 10 in Patients With Moderate to Severe Plaque Psoriasis: Evidence of Utility Beyond a Single Indication. Archives of Dermatology, 2008, 144, 683-5.	1.7	29
265	Malaria hemozoin is immunologically inert but radically enhances innate responses by presenting malaria DNA to Toll-like receptor 9. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1919-1924.	3.3	468
266	Toll-like receptor 9â€“dependent activation by DNA-containing immune complexes is mediated by HMGB1 and RAGE. Nature Immunology, 2007, 8, 487-496.	7.0	1,210
267	Ligand-induced conformational changes allosterically activate Toll-like receptor 9. Nature Immunology, 2007, 8, 772-779.	7.0	406
268	Toll-like receptor 9 and systemic autoimmune diseases. , 2006, , 41-61.		0
269	HMGB1 SIGNALS THROUGH TOLL-LIKE RECEPTOR (TLR) 4 AND TLR2. Shock, 2006, 26, 174-179.	1.0	730
270	Endocytic pathways regulate Toll-like receptor 4 signaling and link innate and adaptive immunity. EMBO Journal, 2006, 25, 683-692.	3.5	407

#	Article	IF	Citations
271	TLR9 and the Recognition of Self and Non-Self Nucleic Acids. Annals of the New York Academy of Sciences, 2006, 1082, 31-43.	1.8	84
272	Cryptococcus neoformans Glycoantigens Are Captured by Multiple Lectin Receptors and Presented by Dendritic Cells. Journal of Immunology, 2006, 176, 3053-3061.	0.4	112
273	The myristoylation of TRIF-related adaptor molecule is essential for Toll-like receptor 4 signal transduction. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6299-6304.	3.3	238
274	Flavivirus Activation of Plasmacytoid Dendritic Cells Delineates Key Elements of TLR7 Signaling beyond Endosomal Recognition. Journal of Immunology, 2006, 177, 7114-7121.	0.4	167
275	Comparative Toll-Like Receptor 4-Mediated Innate Host Defense to Bordetella Infection. Infection and Immunity, 2005, 73, 8144-8152.	1.0	63
276	The Interferon Regulatory Factor, IRF5, Is a Central Mediator of Toll-like Receptor 7 Signaling. Journal of Biological Chemistry, 2005, 280, 17005-17012.	1.6	340
277	Pharmacological Inhibition of Endotoxin Responses Is Achieved by Targeting the TLR4 Coreceptor, MD-2. Journal of Immunology, 2005, 175, 6465-6472.	0.4	139
278	Human lupus autoantibodyâ€“DNA complexes activate DCs through cooperation of CD32 and TLR9. Journal of Clinical Investigation, 2005, 115, 407-417.	3.9	715
279	Poxvirus Protein N1L Targets the I-ÎºB Kinase Complex, Inhibits Signaling to NF-ÎºB by the Tumor Necrosis Factor Superfamily of Receptors, and Inhibits NF-ÎºB and IRF3 Signaling by Toll-like Receptors. Journal of Biological Chemistry, 2004, 279, 36570-36578.	1.6	205
280	Haemophilus influenzae Type b-Outer Membrane Protein Complex Glycoconjugate Vaccine Induces Cytokine Production by Engaging Human Toll-Like Receptor 2 (TLR2) and Requires the Presence of TLR2 for Optimal Immunogenicity. Journal of Immunology, 2004, 172, 2431-2438.	0.4	117
281	Mechanisms of TLR9 activation. Journal of Endotoxin Research, 2004, 10, 406-412.	2.5	51
282	TLR9 signals after translocating from the ER to CpG DNA in the lysosome. Nature Immunology, 2004, 5, 190-198.	7.0	1,225
283	IKKÎµ and TBK1 are essential components of the IRF3 signaling pathway. Nature Immunology, 2003, 4, 491-496.	7.0	2,361
284	Pentoxifyllin Attenuates the Systemic Inflammatory Response Induced During Isolated Limb Perfusion With Recombinant Human Tumor Necrosis Factor-? and Melphalan. Annals of Surgical Oncology, 2003, 10, 562-568.	0.7	15
285	Human Cytomegalovirus Activates Inflammatory Cytokine Responses via CD14 and Toll-Like Receptor 2. Journal of Virology, 2003, 77, 4588-4596.	1.5	586
286	Lysines 128 and 132 Enable Lipopolysaccharide Binding to MD-2, Leading to Toll-like Receptor-4 Aggregation and Signal Transduction. Journal of Biological Chemistry, 2003, 278, 48313-48320.	1.6	226
287	Cell Distributions and Functions of Toll-like Receptor 4 Studied by Fluorescent Gene Constructs. Scandinavian Journal of Infectious Diseases, 2003, 35, 660-664.	1.5	28
288	The Antifungal Drug Amphotericin B Promotes Inflammatory Cytokine Release by a Toll-like Receptor- and CD14-dependent Mechanism. Journal of Biological Chemistry, 2003, 278, 37561-37568.	1.6	184

#	Article	IF	Citations
289	LPS-TLR4 Signaling to IRF-3/7 and NF-Î²B Involves the Toll Adapters TRAM and TRIF. Journal of Experimental Medicine, 2003, 198, 1043-1055.	4.2	1,053
290	Importance of extra- and intracellular domains of TLR1 and TLR2 in NFÎºB signaling. Journal of Cell Biology, 2003, 162, 1099-1110.	2.3	108
291	The LPS receptor generates inflammatory signals from the cell surface. Journal of Endotoxin Research, 2003, 9, 375-380.	2.5	21
292	Receptor â€œcross talkâ€•in innate immunity. Journal of Clinical Investigation, 2003, 112, 1136-1137.	3.9	12
293	Receptor â€œcross talkâ€•in innate immunity. Journal of Clinical Investigation, 2003, 112, 1136-1137.	3.9	8
294	Cutting Edge: Immune Stimulation by Neisserial Porins Is Toll-Like Receptor 2 and MyD88 Dependent. Journal of Immunology, 2002, 168, 1533-1537.	0.4	274
295	Lipopolysaccharide Rapidly Traffics to and from the Golgi Apparatus with the Toll-like Receptor 4-MD-2-CD14 Complex in a Process That Is Distinct from the Initiation of Signal Transduction. Journal of Biological Chemistry, 2002, 277, 47834-47843.	1.6	398
296	A Novel Host-Parasite Lipid Cross-talk. Journal of Biological Chemistry, 2002, 277, 48122-48129.	1.6	527
297	Involvement of Toll-like Receptor (TLR) 2 and TLR4 in Cell Activation by Mannuronic Acid Polymers. Journal of Biological Chemistry, 2002, 277, 35489-35495.	1.6	178
298	Molecular Genetic Analysis of an Endotoxin Nonresponder Mutant Cell Line. Journal of Experimental Medicine, 2001, 194, 79-88.	4.2	269
299	Platelets Fuel the Inflammasome Activation of Innate Immune Cells. SSRN Electronic Journal, 0, , .	0.4	2
300	PLCG2 Protective Variant p.P522R Modulates Tau Pathology and Disease Progression in Patients with Mild Cognitive Impairment. SSRN Electronic Journal, 0, , .	0.4	0
301	Proteopathic Tau Primes and Activates Interleukin-1ÃŸ(Il-1ÃŸ) via MyD88- and NLRP3-ASC-Inflammasome Dependent Pathways. SSRN Electronic Journal, 0, , .	0.4	2
302	Amyloid Î² Clustering Around ASC Fibrils Boost Its Toxicity in Microglia. SSRN Electronic Journal, 0, , .	0.4	1
303	Microglial NLRP3 Inflammasome Activation Upon TLR2 and TLR5 Ligation by Distinct Î±-Synuclein Assemblies. SSRN Electronic Journal, 0, , .	0.4	1