Christian Stehlik

List of Publications by Year
in descending order

69 papers	5,828 citations	57719 44 h-index	91828 69 g-index
69 all docs	69 docs citations	69 times ranked	7158 citing authors

#	Article	IF	Citations
1	NLRP3 licenses NLRP11 for inflammasome activation in human macrophages. Nature Immunology, 2022, 23, 892-903.	7.0	20
2	NLRP7: From inflammasome regulation to human disease. Immunology, 2021, 163, 363-376.	2.0	40
3	Recruitment of pro-IL-1Î± to mitochondrial cardiolipin, via shared LC3 binding domain, inhibits mitophagy and drives maximal NLRP3 activation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	25
4	An overview of the non-canonical inflammasome. Molecular Aspects of Medicine, 2020, 76, 100924.	2.7	154
5	An Update on CARD Only Proteins (COPs) and PYD Only Proteins (POPs) as Inflammasome Regulators. International Journal of Molecular Sciences, 2020, 21, 6901.	1.8	14
6	Lysosomal Cholesterol Hydrolysis Couples Efferocytosis to Anti-Inflammatory Oxysterol Production. Circulation Research, 2018, 122, 1369-1384.	2.0	88
7	The oxidized phospholipid oxPAPC protects from septic shock by targeting the non-canonical inflammasome in macrophages. Nature Communications, 2018, 9, 996.	5.8	132
8	COPs and POPs Patrol Inflammasome Activation. Journal of Molecular Biology, 2018, 430, 153-173.	2.0	37
9	TLR4-dependent fibroblast activation drives persistent organ fibrosis in skin and lung. JCI Insight, 2018, 3, .	2.3	77
10	The PYRIN domain-only protein POP2 inhibits inflammasome priming and activation. Nature Communications, 2017, 8, 15556.	5.8	51
11	SNAPIN is critical for lysosomal acidification and autophagosome maturation in macrophages. Autophagy, 2017, 13, 285-301.	4.3	26
12	Bim suppresses the development of SLE by limiting myeloid inflammatory responses. Journal of Experimental Medicine, 2017, 214, 3753-3773.	4.2	27
13	The AIM2 inflammasome is a central regulator of intestinal homeostasis through the IL-18/IL-22/STAT3 pathway. Cellular and Molecular Immunology, 2017, 14, 127-142.	4.8	119
14	Measuring NLR Oligomerization I: Size Exclusion Chromatography, Co-immunoprecipitation, and Cross-Linking. Methods in Molecular Biology, 2016, 1417, 131-143.	0.4	14
15	A dRAStic RHOAdblock of Pyrin inflammasome activation. Nature Immunology, 2016, 17, 900-902.	7.0	9
16	ASC-particle-induced Peritonitis. Bio-protocol, 2016, 6, .	0.2	1
17	In vivo Analysis of Neutrophil Infiltration during LPS-induced Peritonitis. Bio-protocol, 2016, 6, .	0.2	6
18	Conditional deletion of caspase-8 in macrophages alters macrophage activation in a RIPK-dependent manner. Arthritis Research and Therapy, 2015, 17, 291.	1.6	33

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19	An updated view on the structure and function of PYRIN domains. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 157-173.	2.2	33
20	Inhibiting the inflammasome: one domain at a time. Immunological Reviews, 2015, 265, 205-216.	2.8	50
21	Mechanisms of Inflammasome Activation by Vibrio cholerae Secreted Toxins Vary with Strain Biotype. Infection and Immunity, 2015, 83, 2496-2506.	1.0	15
22	T-cell exhaustion in allograft rejection and tolerance. Current Opinion in Organ Transplantation, 2015, 20, 37-42.	0.8	34
23	ATP binding by NLRP7 is required for inflammasome activation in response to bacterial lipopeptides. Molecular Immunology, 2015, 67, 294-302.	1.0	53
24	The PYRIN Domain-only Protein POP1 Inhibits Inflammasome Assembly and Ameliorates Inflammatory Disease. Immunity, 2015, 43, 264-276.	6.6	99
25	S-nitrosylation of FLICE inhibitory protein determines its interaction with RIP1 and activation of NF-Î¹B. Cell Cycle, 2014, 13, 1948-1957.	1.3	15
26	Caspase-8 Acts as a Molecular Rheostat To Limit RIPK1- and MyD88-Mediated Dendritic Cell Activation. Journal of Immunology, 2014, 192, 5548-5560.	0.4	42
27	The PYRIN domainâ€“only protein POP3 inhibits ALR inflammasomes and regulates responses to infection with DNA viruses. Nature Immunology, 2014, 15, 343-353.	7.0	136
28	NLRP7 and related inflammasome activating pattern recognition receptors and their function in host defense and disease. Microbes and Infection, 2013, 15, 630-639.	1.0	38
29	An Update on PYRIN Domain-Containing Pattern Recognition Receptors: From Immunity to Pathology. Frontiers in Immunology, 2013, 4, 440.	2.2	89
30	Regulation of apoptosis by Bcl-2 cysteine oxidation in human lung epithelial cells. Molecular Biology of the Cell, 2013, 24, 858-869.	0.9	81
31	SNAPIN: an endogenous toll-like receptor ligand in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2012, 71, 1411-1417.	0.5	31
32	Glycoprotein 96 perpetuates the persistent inflammation of rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 3638-3648.	6.7	23
33	An NLRP7-Containing Inflammasome Mediates Recognition of Microbial Lipopeptides in Human Macrophages. Immunity, 2012, 36, 464-476.	6.6	288
34	An rhs gene of Pseudomonas aeruginosa encodes a virulence protein that activates the inflammasome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1275-1280.	3.3	77
35	Mitochondrial superoxide mediates doxorubicin-induced keratinocyte apoptosis through oxidative modification of ERK and Bcl-2 ubiquitination. Biochemical Pharmacology, 2012, 83, 1643-1654.	2.0	80
36	Antioxidant c-FLIP Inhibits Fas Ligand-Induced NF-Î¹B Activation in a Phosphatidylinositol 3-Kinase/Akt-Dependent Manner. Journal of Immunology, 2011, 187, 3256-3266.	0.4	31

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37	Differential splicing of the apoptosis-associated speck like protein containing a caspase recruitment domain (ASC) regulates inflammasomes. Journal of Inflammation, 2010, 7, 23.	1.5	99
38	Role of oxidative/nitrosative stressâ€mediated Bclâ€2 regulation in apoptosis and malignant transformation. Annals of the New York Academy of Sciences, 2010, 1203, 1-6.	1.8	97
39	Inflammasomes and Their Activation. Critical Reviews in Immunology, 2010, 30, 463-487.	1.0	58
40	Activation of Inflammasomes Requires Intracellular Redistribution of the Apoptotic Speck-Like Protein Containing a Caspase Recruitment Domain. Journal of Immunology, 2009, 182, 3173-3182.	0.4	217
41	Multiple interleukinâ€1Î²â€“converting enzymes contribute to inflammatory arthritis. Arthritis and Rheumatism, 2009, 60, 3524-3530.	6.7	74
42	Phosphorylation of AFAP-110 affects podosome lifespan in A7r5 cells. Journal of Cell Science, 2008, 121, 2394-2405.	1.2	30
43	Peroxide Is a Key Mediator of Bcl-2 Down-Regulation and Apoptosis Induction by Cisplatin in Human Lung Cancer Cells. Molecular Pharmacology, 2008, 73, 119-127.	1.0	58
44	COPs and POPs: Modulators of Inflammasome Activity. Journal of Immunology, 2007, 179, 7993-7998.	0.4	119
45	The PYRIN Domain in Signal Transduction. Current Protein and Peptide Science, 2007, 8, 293-310.	0.7	22
46	Cellular Pyrin Domain-Only Protein 2 Is a Candidate Regulator of Inflammasome Activation. Infection and Immunity, 2007, 75, 1484-1492.	1.0	83
47	AFAP-110 is required for actin stress fiber formation and cell adhesion in MDA-MB-231 breast cancer cells. Journal of Cellular Physiology, 2007, 213, 740-749.	2.0	46
48	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. Virus Genes, 2007, 33, 271-8.	0.7	5
49	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. Virus Genes, 2007, 35, 685-694.	0.7	85
50	S-Nitrosylation of Bcl-2 Inhibits Its Ubiquitin-Proteasomal Degradation. Journal of Biological Chemistry, 2006, 281, 34124-34134.	1.6	177
51	Phosphatidylinositol 3-Kinase/Akt Positively Regulates Fas (CD95)-Mediated Apoptosis in Epidermal Cl41 Cells. Journal of Immunology, 2006, 176, 6785-6793.	0.4	64
52	Nitric Oxide Regulates Cell Sensitivity to Cisplatin-Induced Apoptosis through S-Nitrosylation and Inhibition of Bcl-2 Ubiquitination. Cancer Research, 2006, 66, 6353-6360.	0.4	116
53	Regulation of Fas (CD95)-induced apoptotic and necrotic cell death by reactive oxygen species in macrophages. Journal of Cellular Physiology, 2005, 203, 78-84.	2.0	51
54	Nitric Oxide Negatively Regulates Fas CD95-induced Apoptosis through Inhibition of Ubiquitin-Proteasome-mediated Degradation of FLICE Inhibitory Protein. Journal of Biological Chemistry, 2005, 280, 42044-42050.	1.6	93

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55	The PYRIN Connection. Journal of Experimental Medicine, 2004, 200, 551-558.	4.2	107
56	HERC5, a HECT E3 ubiquitin ligase tightly regulated in LPS activated endothelial cells. Journal of Cell Science, 2004, 117, 4749-4756.	1.2	58
57	VIGR - a novel inducible adhesion family G-protein coupled receptor in endothelial cells. FEBS Letters, 2004, 569, 149-155.	1.3	35
58	PAN1/NALP2/PYPAF2, an Inducible Inflammatory Mediator That Regulates NF-Î¹B and Caspase-1 Activation in Macrophages. Journal of Biological Chemistry, 2004, 279, 51897-51907.	1.6	144
59	Comparative Analysis of Apoptosis and Inflammation Genes of Mice and Humans. Genome Research, 2003, 13, 1376-1388.	2.4	104
60	CARD6 Is a Modulator of NF-Î¹B Activation by Nod1- and Cardiak-mediated Pathways. Journal of Biological Chemistry, 2003, 278, 31941-31949.	1.6	63
61	Apoptosis-Associated Speck-Like Protein Containing a Caspase Recruitment Domain Is a Regulator of Procaspase-1 Activation. Journal of Immunology, 2003, 171, 6154-6163.	0.4	207
62	The PAAD/PYRIN-only protein POP1/ASC2 is a modulator of ASC-mediated nuclear-factor-kappaB and pro-caspase-1 regulation. Biochemical Journal, 2003, 373, 101-113.	1.7	156
63	A Novel PAAD-containing Protein That Modulates NF-Î¹B Induction by Cytokines Tumor Necrosis Factor-Î± and Interleukin-1Î². Journal of Biological Chemistry, 2002, 277, 35333-35340.	1.6	93
64	The PAAD/PYRIN-Family Protein ASC Is a Dual Regulator of a Conserved Step in Nuclear Factor Î¹B Activation Pathways. Journal of Experimental Medicine, 2002, 196, 1605-1615.	4.2	165
65	CLAN, a Novel Human CED-4-like Gene. Genomics, 2001, 75, 77-83.	1.3	70
66	COP, a Caspase Recruitment Domain-containing Protein and Inhibitor of Caspase-1 Activation Processing. Journal of Biological Chemistry, 2001, 276, 34495-34500.	1.6	147
67	Activation of NF-Î¹B by XIAP, the X Chromosome-linked Inhibitor of Apoptosis, in Endothelial Cells Involves TAK1. Journal of Biological Chemistry, 2000, 275, 22064-22068.	1.6	200
68	Cytokine Induced Expression of Porcine Inhibitor of Apoptosis Protein (iap) Family Member Is Regulated by NF-Î¹B. Biochemical and Biophysical Research Communications, 1998, 243, 827-832.	1.0	88
69	Nuclear Factor (NF)-Î¹Bâ€“regulated X-chromosomeâ€“linked iap Gene Expression Protects Endothelial Cells from Tumor Necrosis Factor Î±â€“induced Apoptosis. Journal of Experimental Medicine, 1998, 188, 211-216.	4.2	609