

# Christian Stehlik

## List of Publications by Year in descending order

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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	Nuclear Factor (NF)- $\kappa$ B-regulated X-chromosome-linked iap Gene Expression Protects Endothelial Cells from Tumor Necrosis Factor $\alpha$ -induced Apoptosis. <i>Journal of Experimental Medicine</i> , 1998, 188, 211-216.	4.2	609
2	An NLRP7-Containing Inflammasome Mediates Recognition of Microbial Lipopeptides in Human Macrophages. <i>Immunity</i> , 2012, 36, 464-476.	6.6	288
3	Activation of Inflammasomes Requires Intracellular Redistribution of the Apoptotic Speck-Like Protein Containing a Caspase Recruitment Domain. <i>Journal of Immunology</i> , 2009, 182, 3173-3182.	0.4	217
4	Apoptosis-Associated Speck-Like Protein Containing a Caspase Recruitment Domain Is a Regulator of Pro-caspase-1 Activation. <i>Journal of Immunology</i> , 2003, 171, 6154-6163.	0.4	207
5	Activation of NF- $\kappa$ B by XIAP, the X Chromosome-linked Inhibitor of Apoptosis, in Endothelial Cells Involves TAK1. <i>Journal of Biological Chemistry</i> , 2000, 275, 22064-22068.	1.6	200
6	S-Nitrosylation of Bcl-2 Inhibits Its Ubiquitin-Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2006, 281, 34124-34134.	1.6	177
7	The PAAD/PYRIN-Family Protein ASC Is a Dual Regulator of a Conserved Step in Nuclear Factor $\kappa$ B Activation Pathways. <i>Journal of Experimental Medicine</i> , 2002, 196, 1605-1615.	4.2	165
8	The PAAD/PYRIN-only protein POP1/ASC2 is a modulator of ASC-mediated nuclear-factor- $\kappa$ B and pro-caspase-1 regulation. <i>Biochemical Journal</i> , 2003, 373, 101-113.	1.7	156
9	An overview of the non-canonical inflammasome. <i>Molecular Aspects of Medicine</i> , 2020, 76, 100924.	2.7	154
10	COP, a Caspase Recruitment Domain-containing Protein and Inhibitor of Caspase-1 Activation Processing. <i>Journal of Biological Chemistry</i> , 2001, 276, 34495-34500.	1.6	147
11	PAN1/NALP2/PYPAF2, an Inducible Inflammatory Mediator That Regulates NF- $\kappa$ B and Caspase-1 Activation in Macrophages. <i>Journal of Biological Chemistry</i> , 2004, 279, 51897-51907.	1.6	144
12	The PYRIN domain-only protein POP3 inhibits ALR inflammasomes and regulates responses to infection with DNA viruses. <i>Nature Immunology</i> , 2014, 15, 343-353.	7.0	136
13	The oxidized phospholipid oxPAPC protects from septic shock by targeting the non-canonical inflammasome in macrophages. <i>Nature Communications</i> , 2018, 9, 996.	5.8	132
14	COPs and POPs: Modulators of Inflammasome Activity. <i>Journal of Immunology</i> , 2007, 179, 7993-7998.	0.4	119
15	The AIM2 inflammasome is a central regulator of intestinal homeostasis through the IL-18/IL-22/STAT3 pathway. <i>Cellular and Molecular Immunology</i> , 2017, 14, 127-142.	4.8	119
16	Nitric Oxide Regulates Cell Sensitivity to Cisplatin-Induced Apoptosis through S-Nitrosylation and Inhibition of Bcl-2 Ubiquitination. <i>Cancer Research</i> , 2006, 66, 6353-6360.	0.4	116
17	The PYRIN Connection. <i>Journal of Experimental Medicine</i> , 2004, 200, 551-558.	4.2	107
18	Comparative Analysis of Apoptosis and Inflammation Genes of Mice and Humans. <i>Genome Research</i> , 2003, 13, 1376-1388.	2.4	104

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19	Differential splicing of the apoptosis-associated speck like protein containing a caspase recruitment domain (ASC) regulates inflammasomes. <i>Journal of Inflammation</i> , 2010, 7, 23.	1.5	99
20	The PYRIN Domain-only Protein POP1 Inhibits Inflammasome Assembly and Ameliorates Inflammatory Disease. <i>Immunity</i> , 2015, 43, 264-276.	6.6	99
21	Role of oxidative/nitrosative stress-mediated Bcl-2 regulation in apoptosis and malignant transformation. <i>Annals of the New York Academy of Sciences</i> , 2010, 1203, 1-6.	1.8	97
22	A Novel PAAD-containing Protein That Modulates NF- $\kappa$ B Induction by Cytokines Tumor Necrosis Factor- $\alpha$ and Interleukin-1 $\beta$ . <i>Journal of Biological Chemistry</i> , 2002, 277, 35333-35340.	1.6	93
23	Nitric Oxide Negatively Regulates Fas CD95-induced Apoptosis through Inhibition of Ubiquitin-Proteasome-mediated Degradation of FLICE Inhibitory Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 42044-42050.	1.6	93
24	An Update on PYRIN Domain-Containing Pattern Recognition Receptors: From Immunity to Pathology. <i>Frontiers in Immunology</i> , 2013, 4, 440.	2.2	89
25	Cytokine Induced Expression of Porcine Inhibitor of Apoptosis Protein (iap) Family Member Is Regulated by NF- $\kappa$ B. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 827-832.	1.0	88
26	Lysosomal Cholesterol Hydrolysis Couples Efferocytosis to Anti-Inflammatory Oxysterol Production. <i>Circulation Research</i> , 2018, 122, 1369-1384.	2.0	88
27	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. <i>Virus Genes</i> , 2007, 35, 685-694.	0.7	85
28	Cellular Pysin Domain-Only Protein 2 Is a Candidate Regulator of Inflammasome Activation. <i>Infection and Immunity</i> , 2007, 75, 1484-1492.	1.0	83
29	Regulation of apoptosis by Bcl-2 cysteine oxidation in human lung epithelial cells. <i>Molecular Biology of the Cell</i> , 2013, 24, 858-869.	0.9	81
30	Mitochondrial superoxide mediates doxorubicin-induced keratinocyte apoptosis through oxidative modification of ERK and Bcl-2 ubiquitination. <i>Biochemical Pharmacology</i> , 2012, 83, 1643-1654.	2.0	80
31	An <i>hrs</i> gene of <i>Pseudomonas aeruginosa</i> encodes a virulence protein that activates the inflammasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1275-1280.	3.3	77
32	TLR4-dependent fibroblast activation drives persistent organ fibrosis in skin and lung. <i>JCI Insight</i> , 2018, 3, .	2.3	77
33	Multiple interleukin-1 $\beta$ -converting enzymes contribute to inflammatory arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 3524-3530.	6.7	74
34	CLAN, a Novel Human CED-4-like Gene. <i>Genomics</i> , 2001, 75, 77-83.	1.3	70
35	Phosphatidylinositol 3-Kinase/Akt Positively Regulates Fas (CD95)-Mediated Apoptosis in Epidermal Cl41 Cells. <i>Journal of Immunology</i> , 2006, 176, 6785-6793.	0.4	64
36	CARD6 Is a Modulator of NF- $\kappa$ B Activation by Nod1- and Cardiak-mediated Pathways. <i>Journal of Biological Chemistry</i> , 2003, 278, 31941-31949.	1.6	63

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37	HERC5, a HECT E3 ubiquitin ligase tightly regulated in LPS activated endothelial cells. <i>Journal of Cell Science</i> , 2004, 117, 4749-4756.	1.2	58
38	Peroxide Is a Key Mediator of Bcl-2 Down-Regulation and Apoptosis Induction by Cisplatin in Human Lung Cancer Cells. <i>Molecular Pharmacology</i> , 2008, 73, 119-127.	1.0	58
39	Inflammasomes and Their Activation. <i>Critical Reviews in Immunology</i> , 2010, 30, 463-487.	1.0	58
40	ATP binding by NLRP7 is required for inflammasome activation in response to bacterial lipopeptides. <i>Molecular Immunology</i> , 2015, 67, 294-302.	1.0	53
41	Regulation of Fas (CD95)-induced apoptotic and necrotic cell death by reactive oxygen species in macrophages. <i>Journal of Cellular Physiology</i> , 2005, 203, 78-84.	2.0	51
42	The PYRIN domain-only protein POP2 inhibits inflammasome priming and activation. <i>Nature Communications</i> , 2017, 8, 15556.	5.8	51
43	Inhibiting the inflammasome: one domain at a time. <i>Immunological Reviews</i> , 2015, 265, 205-216.	2.8	50
44	AFAP-110 is required for actin stress fiber formation and cell adhesion in MDA-MB-231 breast cancer cells. <i>Journal of Cellular Physiology</i> , 2007, 213, 740-749.	2.0	46
45	Caspase-8 Acts as a Molecular Rheostat To Limit RIPK1- and MyD88-Mediated Dendritic Cell Activation. <i>Journal of Immunology</i> , 2014, 192, 5548-5560.	0.4	42
46	NLRP7: From inflammasome regulation to human disease. <i>Immunology</i> , 2021, 163, 363-376.	2.0	40
47	NLRP7 and related inflammasome activating pattern recognition receptors and their function in host defense and disease. <i>Microbes and Infection</i> , 2013, 15, 630-639.	1.0	38
48	COPs and POPs Patrol Inflammasome Activation. <i>Journal of Molecular Biology</i> , 2018, 430, 153-173.	2.0	37
49	VIGR - a novel inducible adhesion family G-protein coupled receptor in endothelial cells. <i>FEBS Letters</i> , 2004, 569, 149-155.	1.3	35
50	T-cell exhaustion in allograft rejection and tolerance. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 37-42.	0.8	34
51	Conditional deletion of caspase-8 in macrophages alters macrophage activation in a RIPK-dependent manner. <i>Arthritis Research and Therapy</i> , 2015, 17, 291.	1.6	33
52	An updated view on the structure and function of PYRIN domains. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 157-173.	2.2	33
53	Antioxidant c-FLIP Inhibits Fas Ligand-Induced NF- $\kappa$ B Activation in a Phosphatidylinositol 3-Kinase/Akt-Dependent Manner. <i>Journal of Immunology</i> , 2011, 187, 3256-3266.	0.4	31
54	SNAPIN: an endogenous toll-like receptor ligand in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 1411-1417.	0.5	31

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55	Phosphorylation of AFAP-110 affects podosome lifespan in A7r5 cells. <i>Journal of Cell Science</i> , 2008, 121, 2394-2405.	1.2	30
56	Bim suppresses the development of SLE by limiting myeloid inflammatory responses. <i>Journal of Experimental Medicine</i> , 2017, 214, 3753-3773.	4.2	27
57	SNAPIN is critical for lysosomal acidification and autophagosome maturation in macrophages. <i>Autophagy</i> , 2017, 13, 285-301.	4.3	26
58	Recruitment of pro-IL-1 $\beta$ to mitochondrial cardiolipin, via shared LC3 binding domain, inhibits mitophagy and drives maximal NLRP3 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
59	Glycoprotein 96 perpetuates the persistent inflammation of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3638-3648.	6.7	23
60	The PYRIN Domain in Signal Transduction. <i>Current Protein and Peptide Science</i> , 2007, 8, 293-310.	0.7	22
61	NLRP3 licenses NLRP11 for inflammasome activation in human macrophages. <i>Nature Immunology</i> , 2022, 23, 892-903.	7.0	20
62	S-nitrosylation of FLICE inhibitory protein determines its interaction with RIP1 and activation of NF- $\kappa$ B. <i>Cell Cycle</i> , 2014, 13, 1948-1957.	1.3	15
63	Mechanisms of Inflammasome Activation by <i>Vibrio cholerae</i> Secreted Toxins Vary with Strain Biotype. <i>Infection and Immunity</i> , 2015, 83, 2496-2506.	1.0	15
64	Measuring NLR Oligomerization I: Size Exclusion Chromatography, Co-immunoprecipitation, and Cross-Linking. <i>Methods in Molecular Biology</i> , 2016, 1417, 131-143.	0.4	14
65	An Update on CARD Only Proteins (COPs) and PYD Only Proteins (POPs) as Inflammasome Regulators. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6901.	1.8	14
66	A dRAsTic RHOAblock of Pyrin inflammasome activation. <i>Nature Immunology</i> , 2016, 17, 900-902.	7.0	9
67	In vivo Analysis of Neutrophil Infiltration during LPS-induced Peritonitis. <i>Bio-protocol</i> , 2016, 6, .	0.2	6
68	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. <i>Virus Genes</i> , 2007, 33, 271-8.	0.7	5
69	ASC-particle-induced Peritonitis. <i>Bio-protocol</i> , 2016, 6, .	0.2	1