

Chengjiang Gao

List of Publications by Year in descending order

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88
papers

5,207
citations

76294

40
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95218

68
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93
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93
docs citations

93
times ranked

7600
citing authors

#	ARTICLE	IF	CITATIONS
1	The E3 ubiquitin ligase TRIM31 attenuates NLRP3 inflammasome activation by promoting proteasomal degradation of NLRP3. <i>Nature Communications</i> , 2016, 7, 13727.	5.8	291
2	TLR-induced NF- κ B activation regulates NLRP3 expression in murine macrophages. <i>FEBS Letters</i> , 2012, 586, 1022-1026.	1.3	248
3	The ubiquitin E3 ligase TRIM31 promotes aggregation and activation of the signaling adaptor MAVS through Lys63-linked polyubiquitination. <i>Nature Immunology</i> , 2017, 18, 214-224.	7.0	242
4	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) membrane (M) protein inhibits type I and III interferon production by targeting RIG-I/MDA-5 signaling. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 299.	7.1	232
5	Sirt6 deficiency exacerbates podocyte injury and proteinuria through targeting Notch signaling. <i>Nature Communications</i> , 2017, 8, 413.	5.8	220
6	Aryl hydrocarbon receptor negatively regulates NLRP3 inflammasome activity by inhibiting NLRP3 transcription. <i>Nature Communications</i> , 2014, 5, 4738.	5.8	164
7	microRNA-10 negatively regulates LPS-induced production of proinflammatory cytokines by targeting NF- κ B1 in murine macrophages. <i>FEBS Letters</i> , 2012, 586, 1201-1207.	1.3	155
8	SARS-CoV-2 ORF9b antagonizes type I and III interferons by targeting multiple components of the RIG-I/MDA-5/MAVS, TLR3/TRIF, and cGAS/STING signaling pathways. <i>Journal of Medical Virology</i> , 2021, 93, 5376-5389.	9.3	153
9	E3 ubiquitin ligase RNF128 promotes innate antiviral immunity through K63-linked ubiquitination of TBK1. <i>Nature Immunology</i> , 2016, 17, 1342-1351.	7.0	148
10	Curcumin Suppresses IL-1 β Secretion and Prevents Inflammation through Inhibition of the NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2018, 200, 2835-2846.	0.4	143
11	TRIM26 Negatively Regulates Interferon- β Production and Antiviral Response through Polyubiquitination and Degradation of Nuclear IRF3. <i>PLoS Pathogens</i> , 2015, 11, e1004726.	2.1	142
12	TRAF-interacting protein (TRIP) negatively regulates IFN- β production and antiviral response by promoting proteasomal degradation of TANK-binding kinase 1. <i>Journal of Experimental Medicine</i> , 2012, 209, 1703-1711.	4.2	119
13	E3 Ubiquitin Ligase Tripartite Motif 38 Negatively Regulates TLR-Mediated Immune Responses by Proteasomal Degradation of TNF Receptor-Associated Factor 6 in Macrophages. <i>Journal of Immunology</i> , 2012, 188, 2567-2574.	0.4	112
14	Osteopontin silencing by small interfering RNA suppresses in vitro and in vivo CT26 murine colon adenocarcinoma metastasis. <i>Carcinogenesis</i> , 2005, 26, 741-751.	1.3	92
15	USP4 Positively Regulates RIG-I-Mediated Antiviral Response through Deubiquitination and Stabilization of RIG-I. <i>Journal of Virology</i> , 2013, 87, 4507-4515.	1.5	92
16	Tim-3 Hampers Tumor Surveillance of Liver-Resident and Conventional NK Cells by Disrupting PI3K Signaling. <i>Cancer Research</i> , 2020, 80, 1130-1142.	0.4	89
17	Integrin-linked kinase regulates osteopontin-dependent MMP-2 and uPA expression to convey metastatic function in murine mammary epithelial cancer cells. <i>Carcinogenesis</i> , 2006, 27, 1134-1145.	1.3	83
18	Regulation of MAVS activation through post-translational modifications. <i>Current Opinion in Immunology</i> , 2018, 50, 75-81.	2.4	83

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19	Roles of TIPE2 in hepatitis B virus-induced hepatic inflammation in humans and mice. <i>Molecular Immunology</i> , 2011, 48, 1203-1208.	1.0	82
20	O-GlcNAc Transferase Links Glucose Metabolism to MAVS-Mediated Antiviral Innate Immunity. <i>Cell Host and Microbe</i> , 2018, 24, 791-803.e6.	5.1	81
21	Ets-1 and Runx2 Regulate Transcription of a Metastatic Gene, Osteopontin, in Murine Colorectal Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 18973-18982.	1.6	74
22	Peroxisome Proliferator-activated Receptor β Negatively Regulates IFN- β Production in Toll-like Receptor (TLR) 3- and TLR4-stimulated Macrophages by Preventing Interferon Regulatory Factor 3 Binding to the IFN- β Promoter. <i>Journal of Biological Chemistry</i> , 2011, 286, 5519-5528.	1.6	74
23	Tripartite Motif-Containing Protein 38 Negatively Regulates TLR3/4- and RIG-I-Mediated IFN- β Production and Antiviral Response by Targeting NAP1. <i>Journal of Immunology</i> , 2012, 188, 5311-5318.	0.4	70
24	Osteopontin-dependent CD44v6 expression and cell adhesion in HepG2 cells. <i>Carcinogenesis</i> , 2003, 24, 1871-1878.	1.3	68
25	Smurf1 Protein Negatively Regulates Interferon- β Signaling through Promoting STAT1 Protein Ubiquitination and Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 17006-17015.	1.6	67
26	Identification of S-nitrosylated proteins in endotoxin-stimulated RAW264.7 murine macrophages. <i>Nitric Oxide - Biology and Chemistry</i> , 2005, 12, 121-126.	1.2	66
27	Blockade of Tim-3 Pathway Ameliorates Interferon- β Production from Hepatic CD8+ T Cells in a Mouse Model of Hepatitis B Virus Infection. <i>Cellular and Molecular Immunology</i> , 2009, 6, 35-43.	4.8	65
28	SARS-CoV-2 NSP5 and N protein counteract the RIG-I signaling pathway by suppressing the formation of stress granules. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 22.	7.1	64
29	Thrombopoietin receptor agonists shift the balance of Fc γ receptors toward inhibitory receptor IIb on monocytes in ITP. <i>Blood</i> , 2016, 128, 852-861.	0.6	62
30	IFI16 directly senses viral RNA and enhances RIG-I transcription and activation to restrict influenza virus infection. <i>Nature Microbiology</i> , 2021, 6, 932-945.	5.9	61
31	NF- κ B and AP-1-Mediated DNA Looping Regulates Osteopontin Transcription in Endotoxin-Stimulated Murine Macrophages. <i>Journal of Immunology</i> , 2011, 186, 3173-3179.	0.4	59
32	Thrombin-Cleaved COOH-Terminal Osteopontin Peptide Binds with Cyclophilin C to CD147 in Murine Breast Cancer Cells. <i>Cancer Research</i> , 2007, 67, 4088-4097.	0.4	56
33	USP18 positively regulates innate antiviral immunity by promoting K63-linked polyubiquitination of MAVS. <i>Nature Communications</i> , 2021, 12, 2970.	5.8	54
34	HBV suppresses ZHX2 expression to promote proliferation of HCC through miR-155 activation. <i>International Journal of Cancer</i> , 2018, 143, 3120-3130.	2.3	51
35	SARS-CoV-2 NSP13 Inhibits Type I IFN Production by Degradation of TBK1 via p62-Dependent Selective Autophagy. <i>Journal of Immunology</i> , 2022, 208, 753-761.	0.4	50
36	S-Nitrosylation of Heterogeneous Nuclear Ribonucleoprotein A/B Regulates Osteopontin Transcription in Endotoxin-stimulated Murine Macrophages. <i>Journal of Biological Chemistry</i> , 2004, 279, 11236-11243.	1.6	48

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37	Ubiquitin-Specific Protease 2b Negatively Regulates IFN- β Production and Antiviral Activity by Targeting TANK-Binding Kinase 1. <i>Journal of Immunology</i> , 2014, 193, 2230-2237.	0.4	48
38	OTUD5 promotes innate antiviral and antitumor immunity through deubiquitinating and stabilizing STING. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1945-1955.	4.8	48
39	NOD2 promotes dopaminergic degeneration regulated by NADPH oxidase 2 in 6-hydroxydopamine model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2018, 15, 243.	3.1	47
40	Differential Osteopontin Expression in Phenotypically Distinct Subclones of Murine Breast Cancer Cells Mediates Metastatic Behavior. <i>Journal of Biological Chemistry</i> , 2004, 279, 46659-46667.	1.6	45
41	SARS-CoV-2 ORF10 antagonizes STING-dependent interferon activation and autophagy. <i>Journal of Medical Virology</i> , 2022, 94, 5174-5188.	2.5	45
42	Activation of the Omega-3 Fatty Acid Receptor GPR120 Protects against Focal Cerebral Ischemic Injury by Preventing Inflammation and Apoptosis in Mice. <i>Journal of Immunology</i> , 2019, 202, 747-759.	0.4	44
43	Cutting Edge: USP27X Deubiquitinates and Stabilizes the DNA Sensor cGAS to Regulate Cytosolic DNA-Mediated Signaling. <i>Journal of Immunology</i> , 2019, 203, 2049-2054.	0.4	43
44	USP5 attenuates NLRP3 inflammasome activation by promoting autophagic degradation of NLRP3. <i>Autophagy</i> , 2022, 18, 990-1004.	4.3	42
45	Osteopontin Induces Ubiquitin-Dependent Degradation of STAT1 in RAW264.7 Murine Macrophages. <i>Journal of Immunology</i> , 2007, 178, 1870-1881.	0.4	41
46	Differential Expression of Intracellular and Secreted Osteopontin Isoforms by Murine Macrophages in Response to Toll-like Receptor Agonists. <i>Journal of Biological Chemistry</i> , 2010, 285, 20452-20461.	1.6	39
47	Phosphatase PTPN4 Preferentially Inhibits TRIF-Dependent TLR4 Pathway by Dephosphorylating TRAM. <i>Journal of Immunology</i> , 2015, 194, 4458-4465.	0.4	39
48	Transcriptional Regulatory Functions of Heterogeneous Nuclear Ribonucleoprotein-U and -A/B in Endotoxin-Mediated Macrophage Expression of Osteopontin. <i>Journal of Immunology</i> , 2005, 175, 523-530.	0.4	35
49	Phosphorylation of Ser158 regulates inflammatory redox-dependent hepatocyte nuclear factor-4 transcriptional activity. <i>Biochemical Journal</i> , 2006, 394, 379-387.	1.7	33
50	Inflammation-Related Gene Polymorphisms Associated With Primary Immune Thrombocytopenia. <i>Frontiers in Immunology</i> , 2017, 8, 744.	2.2	32
51	E3 ubiquitin ligases, the powerful modulator of innate antiviral immunity. <i>Cellular Immunology</i> , 2019, 340, 103915.	1.4	32
52	Nuclear to Cytoplasmic Translocation of Heterogeneous Nuclear Ribonucleoprotein U Enhances TLR-Induced Proinflammatory Cytokine Production by Stabilizing mRNAs in Macrophages. <i>Journal of Immunology</i> , 2012, 188, 3179-3187.	0.4	31
53	Sp1 regulates osteopontin expression in SW480 human colon adenocarcinoma cells. <i>Surgery</i> , 2007, 142, 163-169.	1.0	29
54	TRIM26 positively regulates the inflammatory immune response through K11-linked ubiquitination of TAB1. <i>Cell Death and Differentiation</i> , 2021, 28, 3077-3091.	5.0	29

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55	The E3 ubiquitin ligase TRIM31 is involved in cerebral ischemic injury by promoting degradation of TIGAR. <i>Redox Biology</i> , 2021, 45, 102058.	3.9	27
56	Intracellular osteopontin stabilizes TRAF3 to positively regulate innate antiviral response. <i>Scientific Reports</i> , 2016, 6, 23771.	1.6	26
57	Proteasome Inhibition with Bortezomib Induces Apoptosis of Long-Lived Plasma Cells in Steroid-Resistant or Relapsed Immune Thrombocytopaenia. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1752-1764.	1.8	26
58	Hepatitis B virus evades immune recognition via RNA adenosine deaminase ADAR1-mediated viral RNA editing in hepatocytes. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1871-1882.	4.8	26
59	Stat1 acetylation inhibits inducible nitric oxide synthase expression in interferon- β -treated RAW264.7 murine macrophages. <i>Surgery</i> , 2007, 142, 156-162.	1.0	25
60	LY294002 inhibits TLR3/4-mediated IFN α production via inhibition of IRF3 activation with a PI3K-independent mechanism. <i>FEBS Letters</i> , 2012, 586, 705-710.	1.3	25
61	NLRC5 deficiency protects against acute kidney injury in mice by mediating carcinoembryonic antigen-related cell adhesion molecule 1 signaling. <i>Kidney International</i> , 2018, 94, 551-566.	2.6	25
62	EF1A1-actin interactions alter mRNA stability to determine differential osteopontin expression in HepG2 and Hep3B cells. <i>Experimental Cell Research</i> , 2009, 315, 304-312.	1.2	23
63	Lithium Attenuates IFN- β Production and Antiviral Response via Inhibition of TANK-Binding Kinase 1 Kinase Activity. <i>Journal of Immunology</i> , 2013, 191, 4392-4398.	0.4	23
64	USP4 interacts and positively regulates IRF8 function via K48-linked deubiquitination in regulatory T cells. <i>FEBS Letters</i> , 2017, 591, 1677-1686.	1.3	23
65	Fine-tuning of antiviral innate immunity by ubiquitination. <i>Advances in Immunology</i> , 2020, 145, 95-128.	1.1	23
66	IKIP Negatively Regulates NF- κ B Activation and Inflammation through Inhibition of IKK α /IKK β Phosphorylation. <i>Journal of Immunology</i> , 2020, 204, 418-427.	0.4	22
67	The protein arginine methyltransferase PRMT1 promotes TBK1 activation through asymmetric arginine methylation. <i>Cell Reports</i> , 2021, 36, 109731.	2.9	22
68	Osteopontin inhibits expression of cytochrome c oxidase in RAW 264.7 murine macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 120-125.	1.0	18
69	Osteopontin mediates Stat1 degradation to inhibit iNOS transcription in a cecal ligation and puncture model of sepsis. <i>Surgery</i> , 2008, 144, 182-188.	1.0	17
70	Characterization of the PC4 Binding Domain and its Interactions with HNF4 α . <i>Journal of Biochemistry</i> , 2007, 141, 635-640.	0.9	16
71	Osteopontin Regulates Ubiquitin-Dependent Degradation of Stat1 in Murine Mammary Epithelial Tumor Cells. <i>Neoplasia</i> , 2007, 9, 699-706.	2.3	16
72	TRIM31 Deficiency Is Associated with Impaired Glucose Metabolism and Disrupted Gut Microbiota in Mice. <i>Frontiers in Physiology</i> , 2018, 9, 24.	1.3	16

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73	OTUD1 Regulates Antifungal Innate Immunity through Deubiquitination of CARD9. <i>Journal of Immunology</i> , 2021, 206, 1832-1843.	0.4	16
74	TRIM31 facilitates K27-linked polyubiquitination of SYK to regulate antifungal immunity. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 298.	7.1	16
75	The E3 ubiquitin ligase TRIM31 plays a critical role in hypertensive nephropathy by promoting proteasomal degradation of MAP3K7 in the TGF- β 1 signaling pathway. <i>Cell Death and Differentiation</i> , 2022, 29, 556-567.	5.0	14
76	Peroxide-mediated chromatin remodelling of a nuclear factor kappaB site in the mouse inducible nitric oxide synthase promoter. <i>Biochemical Journal</i> , 2004, 377, 809-818.	1.7	13
77	Identification of S-nitrosylation of proteins of <i>Helicobacter pylori</i> in response to nitric oxide stress. <i>Journal of Microbiology</i> , 2011, 49, 251-256.	1.3	11
78	Human leukocyte antigen-G upregulates immunoglobulin-like transcripts and corrects dysfunction of immune cells in immune thrombocytopenia. <i>Haematologica</i> , 2021, 106, 770-781.	1.7	11
79	Methyltransferase-like Protein 14 Attenuates Mitochondrial Antiviral Signaling Protein Expression to Negatively Regulate Antiviral Immunity via N ⁶ -methyladenosine Modification. <i>Advanced Science</i> , 2021, 8, e2100606.	5.6	11
80	High-Dose Dexamethasone Alters the Increase in Interleukin-16 Level in Adult Immune Thrombocytopenia. <i>Frontiers in Immunology</i> , 2019, 10, 451.	2.2	7
81	TIPE1 accelerates atherogenesis by inducing endothelial dysfunction in response to oxidative stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165578.	1.8	7
82	A transcriptional repressor of osteopontin expression in the 4T1 murine breast cancer cell line. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 1010-1016.	1.0	6
83	The role of influenza A virus-induced hypercytokinemia. <i>Critical Reviews in Microbiology</i> , 2021, , 1-17.	2.7	6
84	The overexpression of Tipe2 in CRC cells suppresses survival while endogenous Tipe2 accelerates AOM/DSS induced-tumor initiation. <i>Cell Death and Disease</i> , 2021, 12, 1001.	2.7	6
85	A Peptide Derived from IKK-Interacting Protein Attenuates NF- κ B Activation and Inflammation. <i>Journal of Immunology</i> , 2021, 207, 1652-1661.	0.4	5
86	Microarray gene expression profiling provides insights into functions of TIPE2 in HBV-related apoptosis. <i>Molecular Immunology</i> , 2021, 131, 137-143.	1.0	1
87	Smurf1 protein negatively regulates interferon- γ signaling through promoting STAT1 protein ubiquitination and degradation. <i>Journal of Biological Chemistry</i> , 2014, 289, 30189.	1.6	0
88	Native-PAGE analysis of protein aggregation upon viral infection in mouse macrophages. <i>STAR Protocols</i> , 2022, 3, 101080.	0.5	0