

Chengjiang Gao

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89
papers

3,498
citations

36
h-index

57
g-index

93
ext. papers

4,503
ext. citations

8.2
avg, IF

5.34
L-index

#	Paper	IF	Citations
89	The E3 ubiquitin ligase TRIM31 attenuates NLRP3 inflammasome activation by promoting proteasomal degradation of NLRP3. <i>Nature Communications</i> , 2016 , 7, 13727	17.4	193
88	TLR-induced NF- κ B activation regulates NLRP3 expression in murine macrophages. <i>FEBS Letters</i> , 2012 , 586, 1022-6	3.8	183
87	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	19.1	148
86	Sirt6 deficiency exacerbates podocyte injury and proteinuria through targeting Notch signaling. <i>Nature Communications</i> , 2017 , 8, 413	17.4	142
85	microRNA-210 negatively regulates LPS-induced production of proinflammatory cytokines by targeting NF- κ B1 in murine macrophages. <i>FEBS Letters</i> , 2012 , 586, 1201-7	3.8	137
84	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	21	123
83	Aryl hydrocarbon receptor negatively regulates NLRP3 inflammasome activity by inhibiting NLRP3 transcription. <i>Nature Communications</i> , 2014 , 5, 4738	17.4	115
82	TRIM26 negatively regulates interferon- β production and antiviral response through polyubiquitination and degradation of nuclear IRF3. <i>PLoS Pathogens</i> , 2015 , 11, e1004726	7.6	103
81	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, 2567-74	5.3	99
80	Curcumin Suppresses IL-1 β Secretion and Prevents Inflammation through Inhibition of the NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2018 , 200, 2835-2846	5.3	98
79	E3 ubiquitin ligase RNF128 promotes innate antiviral immunity through K63-linked ubiquitination of TBK1. <i>Nature Immunology</i> , 2016 , 17, 1342-1351	19.1	94
78	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, 1703-11	16.6	94
77	Osteopontin silencing by small interfering RNA suppresses in vitro and in vivo CT26 murine colon adenocarcinoma metastasis. <i>Carcinogenesis</i> , 2005 , 26, 741-51	4.6	89
76	Smurf1 protein negatively regulates interferon- β signaling through promoting STAT1 protein ubiquitination and degradation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 30189	5.4	78
75	USP4 positively regulates RIG-I-mediated antiviral response through deubiquitination and stabilization of RIG-I. <i>Journal of Virology</i> , 2013 , 87, 4507-15	6.6	75
74	Roles of TIPE2 in hepatitis B virus-induced hepatic inflammation in humans and mice. <i>Molecular Immunology</i> , 2011 , 48, 1203-8	4.3	74
73	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, 1134-45	4.6	74

72	Identification of S-nitrosylated proteins in endotoxin-stimulated RAW264.7 murine macrophages. <i>Nitric Oxide - Biology and Chemistry</i> , 2005 , 12, 121-6	5	65
71	Ets-1 and runx2 regulate transcription of a metastatic gene, osteopontin, in murine colorectal cancer cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 18973-82	5.4	63
70	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, 5311-8	5.3	62
69	Osteopontin-dependent CD44v6 expression and cell adhesion in HepG2 cells. <i>Carcinogenesis</i> , 2003 , 24, 1871-8	4.6	55
68	Blockade of Tim-3 pathway ameliorates interferon-gamma 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	15.4	54
67	Regulation of MAVS activation through post-translational modifications. <i>Current Opinion in Immunology</i> , 2018 , 50, 75-81	7.8	53
66	Peroxisome proliferator-activated receptor gamma negatively regulates IFN-beta production in Toll-like receptor (TLR) 3- and TLR4-stimulated macrophages by preventing interferon regulatory factor 3 binding to the IFN-beta promoter. <i>Journal of Biological Chemistry</i> , 2011 , 286, 5519-28	5.4	51
65	NF-B- and AP-1-mediated DNA looping regulates osteopontin transcription in endotoxin-stimulated murine macrophages. <i>Journal of Immunology</i> , 2011 , 186, 3173-9	5.3	50
64	Thrombopoietin receptor agonists shift the balance of Fc γ receptors toward inhibitory receptor IIb on monocytes in ITP. <i>Blood</i> , 2016 , 128, 852-61	2.2	48
63	Smurf1 protein negatively regulates interferon- β signaling through promoting STAT1 protein ubiquitination and degradation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 17006-17015	5.4	47
62	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	19.7	47
61	O-GlcNAc Transferase Links Glucose Metabolism to MAVS-Mediated Antiviral Innate Immunity. <i>Cell Host and Microbe</i> , 2018 , 24, 791-803.e6	23.4	47
60	Tim-3 Hampers Tumor Surveillance of Liver-Resident and Conventional NK Cells by Disrupting PI3K Signaling. <i>Cancer Research</i> , 2020 , 80, 1130-1142	10.1	44
59	Differential osteopontin expression in phenotypically distinct subclones of murine breast cancer cells mediates metastatic behavior. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46659-67	5.4	43
58	Thrombin-cleaved COOH(-) terminal osteopontin peptide binds with cyclophilin C to CD147 in murine breast cancer cells. <i>Cancer Research</i> , 2007 , 67, 4088-97	10.1	42
57	S-nitrosylation of heterogeneous nuclear ribonucleoprotein A/B regulates osteopontin transcription in endotoxin-stimulated murine macrophages. <i>Journal of Biological Chemistry</i> , 2004 , 279, 11236-43	5.4	41
56	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, 2230-7	5.3	39
55	HBV suppresses ZHX2 expression to promote proliferation of HCC through miR-155 activation. <i>International Journal of Cancer</i> , 2018 , 143, 3120-3130	7.5	37

54	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, 20452-61	5.4	37
53	Osteopontin induces ubiquitin-dependent degradation of STAT1 in RAW264.7 murine macrophages. <i>Journal of Immunology</i> , 2007 , 178, 1870-81	5.3	34
52	Phosphorylation of Ser158 regulates inflammatory redox-dependent hepatocyte nuclear factor-4alpha transcriptional activity. <i>Biochemical Journal</i> , 2006 , 394, 379-87	3.8	29
51	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, 523-30	5.3	29
50	Sp1 regulates osteopontin expression in SW480 human colon adenocarcinoma cells. <i>Surgery</i> , 2007 , 142, 163-9	3.6	27
49	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	5.3	27
48	Stat1 acetylation inhibits inducible nitric oxide synthase expression in interferon-gamma-treated RAW264.7 murine macrophages. <i>Surgery</i> , 2007 , 142, 156-62	3.6	23
47	Lithium attenuates IFN- γ production and antiviral response via inhibition of TANK-binding kinase 1 kinase activity. <i>Journal of Immunology</i> , 2013 , 191, 4392-8	5.3	22
46	Phosphatase PTPN4 preferentially inhibits TRIF-dependent TLR4 pathway by dephosphorylating TRAM. <i>Journal of Immunology</i> , 2015 , 194, 4458-65	5.3	21
45	LY294002 inhibits TLR3/4-mediated IFN- γ production via inhibition of IRF3 activation with a PI3K-independent mechanism. <i>FEBS Letters</i> , 2012 , 586, 705-10	3.8	21
44	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	5.3	20
43	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	10.1	20
42	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, 3179-87	5.3	19
41	USP4 interacts and positively regulates IRF8 function via K48-linked deubiquitination in regulatory T cells. <i>FEBS Letters</i> , 2017 , 591, 1677-1686	3.8	18
40	E3 ubiquitin ligases, the powerful modulator of innate antiviral immunity. <i>Cellular Immunology</i> , 2019 , 340, 103915	4.4	18
39	Osteopontin inhibits expression of cytochrome c oxidase in RAW 264.7 murine macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 309, 120-5	3.4	18
38	Intracellular osteopontin stabilizes TRAF3 to positively regulate innate antiviral response. <i>Scientific Reports</i> , 2016 , 6, 23771	4.9	17
37	EF1A1-actin interactions alter mRNA stability to determine differential osteopontin expression in HepG2 and Hep3B cells. <i>Experimental Cell Research</i> , 2009 , 315, 304-12	4.2	17

36	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	7	17
35	Inflammation-Related Gene Polymorphisms Associated With Primary Immune Thrombocytopenia. <i>Frontiers in Immunology</i> , 2017 , 8, 744	8.4	16
34	Osteopontin mediates Stat1 degradation to inhibit iNOS transcription in a cecal ligation and puncture model of sepsis. <i>Surgery</i> , 2008 , 144, 182-8	3.6	15
33	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	9.9	14
32	Characterization of the PC4 binding domain and its interactions with HNF4alpha. <i>Journal of Biochemistry</i> , 2007 , 141, 635-40	3.1	14
31	Fine-tuning of antiviral innate immunity by ubiquitination. <i>Advances in Immunology</i> , 2020 , 145, 95-128	5.6	13
30	Osteopontin regulates ubiquitin-dependent degradation of Stat1 in murine mammary epithelial tumor cells. <i>Neoplasia</i> , 2007 , 9, 699-706	6.4	13
29	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	26.6	13
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	21	12
27	OTUD5 promotes innate antiviral and antitumor immunity through deubiquitinating and stabilizing STING. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1945-1955	15.4	12
26	Identification of S-nitrosylation of proteins of Helicobacter pylori in response to nitric oxide stress. <i>Journal of Microbiology</i> , 2011 , 49, 251-6	3	11
25	Peroxide-mediated chromatin remodelling of a nuclear factor kappa B site in the mouse inducible nitric oxide synthase promoter. <i>Biochemical Journal</i> , 2004 , 377, 809-18	3.8	11
24	IKIP Negatively Regulates NF- κ B Activation and Inflammation through Inhibition of IKK α Phosphorylation. <i>Journal of Immunology</i> , 2020 , 204, 418-427	5.3	11
23	SARS-CoV-2 NSP13 Inhibits Type I IFN Production by Degradation of TBK1 via p62-Dependent Selective Autophagy.. <i>Journal of Immunology</i> , 2022 ,	5.3	9
22	TRIM31 Deficiency Is Associated with Impaired Glucose Metabolism and Disrupted Gut Microbiota in Mice. <i>Frontiers in Physiology</i> , 2018 , 9, 24	4.6	8
21	USP5 attenuates NLRP3 inflammasome activation by promoting autophagic degradation of NLRP3. <i>Autophagy</i> , 2021 , 1-15	10.2	8
20	SARS-CoV-2 ORF9b Antagonizes Type I and III Interferons by Targeting Multiple Components of RIG-I/MDA-5-MAVS, TLR3-TRIF, and cGAS-STING Signaling Pathways		7
19	USP18 positively regulates innate antiviral immunity by promoting K63-linked polyubiquitination of MAVS. <i>Nature Communications</i> , 2021 , 12, 2970	17.4	7

18	A transcriptional repressor of osteopontin expression in the 4T1 murine breast cancer cell line. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 1010-6	3.4	6
17	Methyltransferase-Like Protein 14 Attenuates Mitochondrial Antiviral Signaling Protein Expression to Negatively Regulate Antiviral Immunity via N -methyladenosine Modification. <i>Advanced Science</i> , 2021 , 8, e2100606	13.6	6
16	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	15.4	6
15	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		5
14	OTUD1 Regulates Antifungal Innate Immunity through Deubiquitination of CARD9. <i>Journal of Immunology</i> , 2021 , 206, 1832-1843	5.3	5
13	Human leukocyte antigen-G upregulates immunoglobulin-like transcripts and corrects dysfunction of immune cells in immune thrombocytopenia. <i>Haematologica</i> , 2021 , 106, 770-781	6.6	5
12	TRIM26 positively regulates the inflammatory immune response through K11-linked ubiquitination of TAB1. <i>Cell Death and Differentiation</i> , 2021 , 28, 3077-3091	12.7	4
11	The protein arginine methyltransferase PRMT1 promotes TBK1 activation through asymmetric arginine methylation. <i>Cell Reports</i> , 2021 , 36, 109731	10.6	4
10	The E3 ubiquitin ligase TRIM31 is involved in cerebral ischemic injury by promoting degradation of TIGAR. <i>Redox Biology</i> , 2021 , 45, 102058	11.3	4
9	High-Dose Dexamethasone Alters the Increase in Interleukin-16 Level in Adult Immune Thrombocytopenia. <i>Frontiers in Immunology</i> , 2019 , 10, 451	8.4	3
8	The role of influenza A virus-induced hypercytokinemia. <i>Critical Reviews in Microbiology</i> , 2021 , 1-17	7.8	3
7	The E3 ubiquitin ligase TRIM31 plays a critical role in hypertensive nephropathy by promoting proteasomal degradation of MAP3K7 in the TGF- β signaling pathway. <i>Cell Death and Differentiation</i> , 2021 ,	12.7	3
6	TRIM31 facilitates K27-linked polyubiquitination of SYK to regulate antifungal immunity. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 298	21	2
5	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	9.8	1
4	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	6.9	1
3	A Peptide Derived from IKK-Interacting Protein Attenuates NF- κ B Activation and Inflammation. <i>Journal of Immunology</i> , 2021 , 207, 1652-1661	5.3	0
2	Native-PAGE analysis of protein aggregation upon viral infection in mouse macrophages.. <i>STAR Protocols</i> , 2022 , 3, 101080	1.4	
1	Microarray gene expression profiling provides insights into functions of TIPE2 in HBV-related apoptosis. <i>Molecular Immunology</i> , 2021 , 131, 137-143	4.3	

