Chengjiang Gao

List of Publications by Year
in descending order

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88 papers	5,207 citations	76294 40 h-index	95218 68 g-index
93 all docs	93 docs citations	93 times ranked	7600 citing authors

#	Article	IF	Citations
1	USP5 attenuates NLRP3 inflammasome activation by promoting autophagic degradation of NLRP3. Autophagy, 2022, 18, 990-1004.	4.3	42
2	The E3 ubiquitin ligase TRIM31 plays a critical role in hypertensive nephropathy by promoting proteasomal degradation of MAP3K7 in the TGF-Î²1 signaling pathway. Cell Death and Differentiation, 2022, 29, 556-567.	5.0	14
3	Native-PAGE analysis of protein aggregation upon viral infection in mouse macrophages. STAR Protocols, 2022, 3, 101080.	0.5	0
4	SARS-CoV-2 NSP5 and N protein counteract the RIG-I signaling pathway by suppressing the formation of stress granules. Signal Transduction and Targeted Therapy, 2022, 7, 22.	7.1	64
5	SARS-CoV-2 NSP13 Inhibits Type I IFN Production by Degradation of TBK1 via p62-Dependent Selective Autophagy. Journal of Immunology, 2022, 208, 753-761.	0.4	50
6	SARSâ€CoVâ€2 ORF10 antagonizes STINGâ€dependent interferon activation and autophagy. Journal of Medical Virology, 2022, 94, 5174-5188.	2.5	45
7	OTUD5 promotes innate antiviral and antitumor immunity through deubiquitinating and stabilizing STING. Cellular and Molecular Immunology, 2021, 18, 1945-1955.	4.8	48
8	Human leukocyte antigen-G upregulates immunoglobulin-like transcripts and corrects dysfunction of immune cells in immune thrombocytopenia. Haematologica, 2021, 106, 770-781.	1.7	11
9	Microarray gene expression profiling provides insights into functions of TIPE2 in HBV-related apoptosis. Molecular Immunology, 2021, 131, 137-143.	1.0	1
10	OTUD1 Regulates Antifungal Innate Immunity through Deubiquitination of CARD9. Journal of Immunology, 2021, 206, 1832-1843.	0.4	16
11	Methyltransferaseâ€Like Protein 14 Attenuates Mitochondrial Antiviral Signaling Protein Expression to Negatively Regulate Antiviral Immunity via N⁶â€methyladenosine Modification. Advanced Science, 2021, 8, e2100606.	5.6	11
12	SARSâ€CoVâ€2 ORF9b antagonizes type I and III interferons by targeting multiple components of the RIGâ€I/MDAâ€5â€“MAVS, TLR3â€“TRIF, and cGASâ€“STING signaling pathways. Journal of Medical Virology, 2021, 93, 5376-5389.	2.5	153
13	USP18 positively regulates innate antiviral immunity by promoting K63-linked polyubiquitination of MAVS. Nature Communications, 2021, 12, 2970.	5.8	54
14	TRIM26 positively regulates the inflammatory immune response through K11-linked ubiquitination of TAB1. Cell Death and Differentiation, 2021, 28, 3077-3091.	5.0	29
15	IFI16 directly senses viral RNA and enhances RIG-I transcription and activation to restrict influenza virus infection. Nature Microbiology, 2021, 6, 932-945.	5.9	61
16	Hepatitis B virus evades immune recognition via RNA adenosine deaminase ADAR1-mediated viral RNA editing in hepatocytes. Cellular and Molecular Immunology, 2021, 18, 1871-1882.	4.8	26
17	TRIM31 facilitates K27-linked polyubiquitination of SYK to regulate antifungal immunity. Signal Transduction and Targeted Therapy, 2021, 6, 298.	7.1	16
18	The role of influenza A virus-induced hypercytokinemia. Critical Reviews in Microbiology, 2021, , 1-17.	2.7	6

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19	A Peptide Derived from IKK-Interacting Protein Attenuates NF-ÎºB Activation and Inflammation. Journal of Immunology, 2021, 207, 1652-1661.	0.4	5
20	The protein arginine methyltransferase PRMT1 promotes TBK1 activation through asymmetric arginine methylation. Cell Reports, 2021, 36, 109731.	2.9	22
21	The E3 ubiquitin ligase TRIM31 is involved in cerebral ischemic injury by promoting degradation of TIGAR. Redox Biology, 2021, 45, 102058.	3.9	27
22	The overexpression of Tipe2 in CRC cells suppresses survival while endogenous Tipe2 accelerates AOM/DSS induced-tumor initiation. Cell Death and Disease, 2021, 12, 1001.	2.7	6
23	Tim-3 Hampers Tumor Surveillance of Liver-Resident and Conventional NK Cells by Disrupting PI3K Signaling. Cancer Research, 2020, 80, 1130-1142.	0.4	89
24	TIPE1 accelerates atherogenesis by inducing endothelial dysfunction in response to oxidative stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165578.	1.8	7
25	IKIP Negatively Regulates NF-ÎºB Activation and Inflammation through Inhibition of IKKÎ±/Î² Phosphorylation. Journal of Immunology, 2020, 204, 418-427.	0.4	22
26	Fine-tuning of antiviral innate immunity by ubiquitination. Advances in Immunology, 2020, 145, 95-128.	1.1	23
27	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. Signal Transduction and Targeted Therapy, 2020, 5, 299.	7.1	232
28	Cutting Edge: USP27X Deubiquitinates and Stabilizes the DNA Sensor cGAS to Regulate Cytosolic DNAâ€"Mediated Signaling. Journal of Immunology, 2019, 203, 2049-2054.	0.4	43
29	E3 ubiquitin ligases, the powerful modulator of innate antiviral immunity. Cellular Immunology, 2019, 340, 103915.	1.4	32
30	High-Dose Dexamethasone Alters the Increase in Interleukin-16 Level in Adult Immune Thrombocytopenia. Frontiers in Immunology, 2019, 10, 451.	2.2	7
31	Activation of the Omega-3 Fatty Acid Receptor GPR120 Protects against Focal Cerebral Ischemic Injury by Preventing Inflammation and Apoptosis in Mice. Journal of Immunology, 2019, 202, 747-759.	0.4	44
32	Curcumin Suppresses IL-1Î² Secretion and Prevents Inflammation through Inhibition of the NLRP3 Inflammasome. Journal of Immunology, 2018, 200, 2835-2846.	0.4	143
33	Regulation of MAVS activation through post-translational modifications. Current Opinion in Immunology, 2018, 50, 75-81.	2.4	83
34	O-GlcNAc Transferase Links Glucose Metabolism to MAVS-Mediated Antiviral Innate Immunity. Cell Host and Microbe, 2018, 24, 791-803.e6.	5.1	81
35	Proteasome Inhibition with Bortezomib Induces Apoptosis of Long-Lived Plasma Cells in Steroid-Resistant or Relapsed Immune Thrombocytopaenia. Thrombosis and Haemostasis, 2018, 118, 1752-1764.	1.8	26
36	NOD2 promotes dopaminergic degeneration regulated by NADPH oxidase 2 in 6-hydroxydopamine model of Parkinsonâ€™s disease. Journal of Neuroinflammation, 2018, 15, 243.	3.1	47

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37	TRIM31 Deficiency Is Associated with Impaired Glucose Metabolism and Disrupted Gut Microbiota in Mice. Frontiers in Physiology, 2018, 9, 24.	1.3	16
38	HBV suppresses ZHX2 expression to promote proliferation of HCC through miRâ€155 activation. International Journal of Cancer, 2018, 143, 3120-3130.	2.3	51
39	NLRC5 deficiency protects against acute kidney injury in mice by mediating carcinoembryonic antigenâ€"related cell adhesion molecule 1 signaling. Kidney International, 2018, 94, 551-566.	2.6	25
40	<scp>USP</scp>4 interacts and positively regulates <scp>IRF</scp>8 function via K48â€linked deubiquitination in regulatory T cells. FEBS Letters, 2017, 591, 1677-1686.	1.3	23
41	The ubiquitin E3 ligase TRIM31 promotes aggregation and activation of the signaling adaptor MAVS through Lys63-linked polyubiquitination. Nature Immunology, 2017, 18, 214-224.	7.0	242
42	Sirt6 deficiency exacerbates podocyte injury and proteinuria through targeting Notch signaling. Nature Communications, 2017, 8, 413.	5.8	220
43	Inflammation-Related Gene Polymorphisms Associated With Primary Immune Thrombocytopenia. Frontiers in Immunology, 2017, 8, 744.	2.2	32
44	The E3 ubiquitin ligase TRIM31 attenuates NLRP3 inflammasome activation by promoting proteasomal degradation of NLRP3. Nature Communications, 2016, 7, 13727.	5.8	291
45	Thrombopoietin receptor agonists shift the balance of FcÎ³ receptors toward inhibitory receptor IIb on monocytes in ITP. Blood, 2016, 128, 852-861.	0.6	62
46	Intracellular osteopontin stabilizes TRAF3 to positively regulate innate antiviral response. Scientific Reports, 2016, 6, 23771.	1.6	26
47	E3 ubiquitin ligase RNF128 promotes innate antiviral immunity through K63-linked ubiquitination of TBK1. Nature Immunology, 2016, 17, 1342-1351.	7.0	148
48	Phosphatase PTPN4 Preferentially Inhibits TRIF-Dependent TLR4 Pathway by Dephosphorylating TRAM. Journal of Immunology, 2015, 194, 4458-4465.	0.4	39
49	TRIM26 Negatively Regulates Interferon-Î² Production and Antiviral Response through Polyubiquitination and Degradation of Nuclear IRF3. PLoS Pathogens, 2015, 11, e1004726.	2.1	142
50	Smurf1 protein negatively regulates interferon-Î³ signaling through promoting STAT1 protein ubiquitination and degradation. Journal of Biological Chemistry, 2014, 289, 30189.	1.6	0
51	Ubiquitin-Specific Protease 2b Negatively Regulates IFN-Î² Production and Antiviral Activity by Targeting TANK-Binding Kinase 1. Journal of Immunology, 2014, 193, 2230-2237.	0.4	48
52	Aryl hydrocarbon receptor negatively regulates NLRP3 inflammasome activity by inhibiting NLRP3 transcription. Nature Communications, 2014, 5, 4738.	5.8	164
53	USP4 Positively Regulates RIG-I-Mediated Antiviral Response through Deubiquitination and Stabilization of RIG-I. Journal of Virology, 2013, 87, 4507-4515.	1.5	92
54	Lithium Attenuates IFN-Î² Production and Antiviral Response via Inhibition of TANK-Binding Kinase 1 Kinase Activity. Journal of Immunology, 2013, 191, 4392-4398.	0.4	23

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55	Nuclear to Cytoplasmic Translocation of Heterogeneous Nuclear Ribonucleoprotein U Enhances TLR-Induced Proinflammatory Cytokine Production by Stabilizing mRNAs in Macrophages. Journal of Immunology, 2012, 188, 3179-3187.	0.4	31
56	Smurf1 Protein Negatively Regulates Interferon-Î³ Signaling through Promoting STAT1 Protein Ubiquitination and Degradation. Journal of Biological Chemistry, 2012, 287, 17006-17015.	1.6	67
57	Tripartite Motif-Containing Protein 38 Negatively Regulates TLR3/4- and RIG-Iâ€"Mediated IFN-Î² Production and Antiviral Response by Targeting NAP1. Journal of Immunology, 2012, 188, 5311-5318.	0.4	70
58	E3 Ubiquitin Ligase Tripartite Motif 38 Negatively Regulates TLR-Mediated Immune Responses by Proteasomal Degradation of TNF Receptor-Associated Factor 6 in Macrophages. Journal of Immunology, 2012, 188, 2567-2574.	0.4	112
59	TRAF-interacting protein (TRIP) negatively regulates IFN-Î² production and antiviral response by promoting proteasomal degradation of TANK-binding kinase 1. Journal of Experimental Medicine, 2012, 209, 1703-1711.	4.2	119
60	LY294002 inhibits TLR3/4â€mediated IFNâ€Î² production via inhibition of IRF3 activation with a PI3Kâ€independent mechanism. FEBS Letters, 2012, 586, 705-710.	1.3	25
61	TLRâ€induced NFâ€ÎºB activation regulates NLRP3 expression in murine macrophages. FEBS Letters, 2012, 586, 1022-1026.	1.3	248
62	microRNAâ€210 negatively regulates LPSâ€induced production of proinflammatory cytokines by targeting NFâ€ÎºB1 in murine macrophages. FEBS Letters, 2012, 586, 1201-1207.	1.3	155
63	Roles of TIPE2 in hepatitis B virus-induced hepatic inflammation in humans and mice. Molecular Immunology, 2011, 48, 1203-1208.	1.0	82
64	Identification of S-nitrosylation of proteins of Helicobacter pylori in response to nitric oxide stress. Journal of Microbiology, 2011, 49, 251-256.	1.3	11
65	Peroxisome Proliferator-activated Receptor Î³ Negatively Regulates IFN-Î² Production in Toll-like Receptor (TLR) 3- and TLR4-stimulated Macrophages by Preventing Interferon Regulatory Factor 3 Binding to the IFN-Î² Promoter. Journal of Biological Chemistry, 2011, 286, 5519-5528.	1.6	74
66	NF-ÎºBâ€" and AP-1â€"Mediated DNA Looping Regulates Osteopontin Transcription in Endotoxin-Stimulated Murine Macrophages. Journal of Immunology, 2011, 186, 3173-3179.	0.4	59
67	Differential Expression of Intracellular and Secreted Osteopontin Isoforms by Murine Macrophages in Response to Toll-like Receptor Agonists. Journal of Biological Chemistry, 2010, 285, 20452-20461.	1.6	39
68	EF1A1-actin interactions alter mRNA stability to determine differential osteopontin expression in HepG2 and Hep3B cells. Experimental Cell Research, 2009, 315, 304-312.	1.2	23
69	Blockade of Tim-3 Pathway Ameliorates Interferon-Î³ Production from Hepatic CD8+ T Cells in a Mouse Model of Hepatitis B Virus Infection. Cellular and Molecular Immunology, 2009, 6, 35-43.	4.8	65
70	Osteopontin mediates Stat1 degradation to inhibit iNOS transcription in a cecal ligation and puncture model of sepsis. Surgery, 2008, 144, 182-188.	1.0	17
71	Thrombin-Cleaved COOH-Terminal Osteopontin Peptide Binds with Cyclophilin C to CD147 in Murine Breast Cancer Cells. Cancer Research, 2007, 67, 4088-4097.	0.4	56
72	Characterization of the PC4 Binding Domain and its Interactions with HNF4Î±. Journal of Biochemistry, 2007, 141, 635-640.	0.9	16

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73	Osteopontin Induces Ubiquitin-Dependent Degradation of STAT1 in RAW264.7 Murine Macrophages. Journal of Immunology, 2007, 178, 1870-1881.	0.4	41
74	Osteopontin Regulates Ubiquitin-Dependent Degradation of Stat1 in Murine Mammary Epithelial Tumor Cells. Neoplasia, 2007, 9, 699-706.	2.3	16
75	Sp1 regulates osteopontin expression in SW480 human colon adenocarcinoma cells. Surgery, 2007, 142, 163-169.	1.0	29
76	Stat1 acetylation inhibits inducible nitric oxide synthase expression in interferon-Î³â€“treated RAW264.7 murine macrophages. Surgery, 2007, 142, 156-162.	1.0	25
77	Phosphorylation of Ser158 regulates inflammatory redox-dependent hepatocyte nuclear factor-4Î± transcriptional activity. Biochemical Journal, 2006, 394, 379-387.	1.7	33
78	Integrin-linked kinase regulates osteopontin-dependent MMP-2 and uPA expression to convey metastatic function in murine mammary epithelial cancer cells. Carcinogenesis, 2006, 27, 1134-1145.	1.3	83
79	Ets-1 and Runx2 Regulate Transcription of a Metastatic Gene, Osteopontin, in Murine Colorectal Cancer Cells. Journal of Biological Chemistry, 2006, 281, 18973-18982.	1.6	74
80	Transcriptional Regulatory Functions of Heterogeneous Nuclear Ribonucleoprotein-U and -A/B in Endotoxin-Mediated Macrophage Expression of Osteopontin. Journal of Immunology, 2005, 175, 523-530.	0.4	35
81	Osteopontin silencing by small interfering RNA suppresses in vitro and in vivo CT26 murine colon adenocarcinoma metastasis. Carcinogenesis, 2005, 26, 741-751.	1.3	92
82	Identification of S-nitrosylated proteins in endotoxin-stimulated RAW264.7 murine macrophages. Nitric Oxide - Biology and Chemistry, 2005, 12, 121-126.	1.2	66
83	S-Nitrosylation of Heterogeneous Nuclear Ribonucleoprotein A/B Regulates Osteopontin Transcription in Endotoxin-stimulated Murine Macrophages. Journal of Biological Chemistry, 2004, 279, 11236-11243.	1.6	48
84	Differential Osteopontin Expression in Phenotypically Distinct Subclones of Murine Breast Cancer Cells Mediates Metastatic Behavior. Journal of Biological Chemistry, 2004, 279, 46659-46667.	1.6	45
85	A transcriptional repressor of osteopontin expression in the 4T1 murine breast cancer cell line. Biochemical and Biophysical Research Communications, 2004, 321, 1010-1016.	1.0	6
86	Peroxide-mediated chromatin remodelling of a nuclear factor kappaB site in the mouse inducible nitric oxide synthase promoter. Biochemical Journal, 2004, 377, 809-818.	1.7	13
87	Osteopontin inhibits expression of cytochrome c oxidase in RAW 264.7 murine macrophages. Biochemical and Biophysical Research Communications, 2003, 309, 120-125.	1.0	18
88	Osteopontin-dependent CD44v6 expression and cell adhesion in HepG2 cells. Carcinogenesis, 2003, 24, 1871-1878.	1.3	68