

Bo Zhong

List of Publications by Year in descending order

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70
papers

7,062
citations

109137

35
h-index

88477

70
g-index

75
all docs

75
docs citations

75
times ranked

8328
citing authors

#	ARTICLE	IF	CITATIONS
1	The industrial solvent 1,4-dioxane causes hyperalgesia by targeting capsaicin receptor TRPV1. <i>BMC Biology</i> , 2022, 20, 10.	1.7	3
2	Regulation and function of the cGAS-MITA/STING axis in health and disease. , 2022, 1, 100001.		15
3	IL-36 β and IL-36Ra Reciprocally Regulate Colon Inflammation and Tumorigenesis by Modulating the Cell Matrix Adhesion Network and Wnt Signaling. <i>Advanced Science</i> , 2022, , 2103035.	5.6	12
4	RNF115 Inhibits the Post-ER Trafficking of TLRs and TLRs-Mediated Immune Responses by Catalyzing K11-Linked Ubiquitination of RAB1A and RAB13. <i>Advanced Science</i> , 2022, 9, e2105391.	5.6	15
5	USP2 promotes experimental colitis and bacterial infections by inhibiting the proliferation of myeloid cells and remodeling the extracellular matrix network. , 2022, 1, 100047.		6
6	The SUMOylation of TAB2 mediated by TRIM60 inhibits MAPK/NF- κ B activation and the innate immune response. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1981-1994.	4.8	9
7	Histone deacetylase 3 promotes innate antiviral immunity through deacetylation of TBK1. <i>Protein and Cell</i> , 2021, 12, 261-278.	4.8	18
8	Transcription factor Ascl2 promotes germinal center B cell responses by directly regulating AID transcription. <i>Cell Reports</i> , 2021, 35, 109188.	2.9	5
9	Epigenetic Dysregulation Induces Translocation of Histone H3 into Cytoplasm. <i>Advanced Science</i> , 2021, 8, e2100779.	5.6	5
10	IL-36 β and IL-36Ra Reciprocally Regulate NSCLC Progression by Modulating GSH Homeostasis and Oxidative Stress-Induced Cell Death. <i>Advanced Science</i> , 2021, 8, e2101501.	5.6	10
11	Histone demethylase LSD1 promotes RIG-I poly-ubiquitination and anti-viral gene expression. <i>PLoS Pathogens</i> , 2021, 17, e1009918.	2.1	2
12	NUMB enhances Notch signaling by repressing ubiquitination of NOTCH1 intracellular domain. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 345-358.	1.5	40
13	Site-specific contacts enable distinct modes of TRPV1 regulation by the potassium channel Kv1.2 subunit. <i>Journal of Biological Chemistry</i> , 2020, 295, 17337-17348.	1.6	5
14	CCL7 recruits cDC1 to promote antitumor immunity and facilitate checkpoint immunotherapy to non-small cell lung cancer. <i>Nature Communications</i> , 2020, 11, 6119.	5.8	53
15	USP22 promotes IRF3 nuclear translocation and antiviral responses by deubiquitinating the importin protein KPNA2. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	37
16	SOSTDC1-producing follicular helper T cells promote regulatory follicular T cell differentiation. <i>Science</i> , 2020, 369, 984-988.	6.0	31
17	RNF115 plays dual roles in innate antiviral responses by catalyzing distinct ubiquitination of MAVS and MITA. <i>Nature Communications</i> , 2020, 11, 5536.	5.8	51
18	Dispensable role of CCL28 in <i>Kras</i> -mutated non-small cell lung cancer mouse models. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 691-694.	0.9	4

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19	USP29 maintains the stability of cGAS and promotes cellular antiviral responses and autoimmunity. <i>Cell Research</i> , 2020, 30, 914-927.	5.7	47
20	The deubiquitinase USP25 supports colonic inflammation and bacterial infection and promotes colorectal cancer. <i>Nature Cancer</i> , 2020, 1, 811-825.	5.7	40
21	RNA based mNGS approach identifies a novel human coronavirus from two individual pneumonia cases in 2019 Wuhan outbreak. <i>Emerging Microbes and Infections</i> , 2020, 9, 313-319.	3.0	471
22	Phosphorylation of MAVS/VISA by Nemo-like kinase (NLK) for degradation regulates the antiviral innate immune response. <i>Nature Communications</i> , 2019, 10, 3233.	5.8	35
23	USP19 Inhibits TNF- α and IL-1 β -Triggered NF- κ B Activation by Deubiquitinating TAK1. <i>Journal of Immunology</i> , 2019, 203, 259-268.	0.4	83
24	USP49 negatively regulates cellular antiviral responses via deconjugating K63-linked ubiquitination of MITA. <i>PLoS Pathogens</i> , 2019, 15, e1007680.	2.1	43
25	Recovery from tachyphylaxis of TRPV1 coincides with recycling to the surface membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5170-5175.	3.3	34
26	Genome-wide analysis identifies NR4A1 as a key mediator of T cell dysfunction. <i>Nature</i> , 2019, 567, 525-529.	13.7	311
27	USP20 Promotes Cellular Antiviral Responses via Deconjugating K48-Linked Ubiquitination of MITA. <i>Journal of Immunology</i> , 2019, 202, 2397-2406.	0.4	23
28	Induction of OTUD4 by viral infection promotes antiviral responses through deubiquitinating and stabilizing MAVS. <i>Cell Research</i> , 2019, 29, 67-79.	5.7	76
29	USP2a Supports Metastasis by Tuning TGF- β 2 Signaling. <i>Cell Reports</i> , 2018, 22, 2442-2454.	2.9	49
30	A Naturally Occurring Deletion in the Effector Domain of H5N1 Swine Influenza Virus Nonstructural Protein 1 Regulates Viral Fitness and Host Innate Immunity. <i>Journal of Virology</i> , 2018, 92, .	1.5	20
31	Regulation of Cellular Antiviral Signaling by Modifications of Ubiquitin and Ubiquitin-like Molecules. <i>Immune Network</i> , 2018, 18, e4.	1.6	16
32	Kobuvirus VP3 protein restricts the IFN- β -triggered signaling pathway by inhibiting STAT2-IRF9 and STAT2-STAT2 complex formation. <i>Virology</i> , 2017, 507, 161-169.	1.1	9
33	Regulation of T helper cell differentiation by E3 ubiquitin ligases and deubiquitinating enzymes. <i>International Immunopharmacology</i> , 2017, 42, 150-156.	1.7	7
34	Human Virus-Derived Small RNAs Can Confer Antiviral Immunity in Mammals. <i>Immunity</i> , 2017, 46, 992-1004.e5.	6.6	114
35	USP13 negatively regulates antiviral responses by deubiquitinating STING. <i>Nature Communications</i> , 2017, 8, 15534.	5.8	138
36	Ubc9 Is Required for Positive Selection and Late-Stage Maturation of Thymocytes. <i>Journal of Immunology</i> , 2017, 198, 3461-3470.	0.4	21

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37	miR-148a inhibits colitis and colitis-associated tumorigenesis in mice. <i>Cell Death and Differentiation</i> , 2017, 24, 2199-2209.	5.0	62
38	Cyclic AMP-Responsive Element-Binding Protein (CREB) is Critical in Autoimmunity by Promoting Th17 but Inhibiting Treg Cell Differentiation. <i>EBioMedicine</i> , 2017, 25, 165-174.	2.7	31
39	Induction of INK1 by Viral Infection Negatively Regulates Antiviral Responses through Inhibiting Phosphorylation of p65 and IRF3. <i>Cell Host and Microbe</i> , 2017, 22, 86-98.e4.	5.1	30
40	The Anti-Inflammatory Properties of <i>Citrus wilsonii</i> Tanaka Extract in LPS-Induced RAW 264.7 and Primary Mouse Bone Marrow-Derived Dendritic Cells. <i>Molecules</i> , 2017, 22, 1213.	1.7	36
41	TRIM32-TAX1BP1-dependent selective autophagic degradation of TRIF negatively regulates TLR3/4-mediated innate immune responses. <i>PLoS Pathogens</i> , 2017, 13, e1006600.	2.1	89
42	LSM14A Plays a Critical Role in Antiviral Immune Responses by Regulating MITA Level in a Cell-Specific Manner. <i>Journal of Immunology</i> , 2016, 196, 5101-5111.	0.4	34
43	The Type I Interferon-IRF7 Axis Mediates Transcriptional Expression of Usp25 Gene. <i>Journal of Biological Chemistry</i> , 2016, 291, 13206-13215.	1.6	30
44	iRhom2 is essential for innate immunity to DNA viruses by mediating trafficking and stability of the adaptor STING. <i>Nature Immunology</i> , 2016, 17, 1057-1066.	7.0	200
45	Duck Tembusu Virus Nonstructural Protein 1 Antagonizes IFN- λ 2 Signaling Pathways by Targeting VISA. <i>Journal of Immunology</i> , 2016, 197, 4704-4713.	0.4	56
46	USP18 recruits USP20 to promote innate antiviral response through deubiquitinating STING/MITA. <i>Cell Research</i> , 2016, 26, 1302-1319.	5.7	109
47	DYRK2 Negatively Regulates Type I Interferon Induction by Promoting TBK1 Degradation via Ser527 Phosphorylation. <i>PLoS Pathogens</i> , 2015, 11, e1005179.	2.1	49
48	Regulation of cellular innate antiviral signaling by ubiquitin modification. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 149-155.	0.9	14
49	ECSIT Bridges RIG-I-Like Receptors to VISA in Signaling Events of Innate Antiviral Responses. <i>Journal of Innate Immunity</i> , 2015, 7, 153-164.	1.8	28
50	Parafibromin Is a Component of IFN- λ 2-Triggered Signaling Pathways That Facilitates JAK1/2-Mediated Tyrosine Phosphorylation of STAT1. <i>Journal of Immunology</i> , 2015, 195, 2870-2878.	0.4	15
51	Induction of USP25 by viral infection promotes innate antiviral responses by mediating the stabilization of TRAF3 and TRAF6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11324-11329.	3.3	99
52	Differential expression of bone morphogenetic protein 5 in human lung squamous cell carcinoma and adenocarcinoma. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 557-563.	0.9	26
53	RNF26 Temporally Regulates Virus-Triggered Type I Interferon Induction by Two Distinct Mechanisms. <i>PLoS Pathogens</i> , 2014, 10, e1004358.	2.1	158
54	Transcription factor achaete-scute homologue 2 initiates follicular T-helper-cell development. <i>Nature</i> , 2014, 507, 513-518.	13.7	303

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55	TRIM38 inhibits TNF α - and IL-1 β -triggered NF- κ B activation by mediating lysosome-dependent degradation of TAB2/3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1509-1514.	3.3	113
56	The ER-Associated Protein ZDHHC1 Is a Positive Regulator of DNA Virus-Triggered, MITA/STING-Dependent Innate Immune Signaling. <i>Cell Host and Microbe</i> , 2014, 16, 450-461.	5.1	129
57	Ubiquitin-Specific Protease 25 Regulates TLR4-Dependent Innate Immune Responses Through Deubiquitination of the Adaptor Protein TRAF3. <i>Science Signaling</i> , 2013, 6, ra35.	1.6	94
58	FoxO1 Negatively Regulates Cellular Antiviral Response by Promoting Degradation of IRF3. <i>Journal of Biological Chemistry</i> , 2013, 288, 12596-12604.	1.6	77
59	Bcl6 expression specifies the T follicular helper cell program in vivo. <i>Journal of Experimental Medicine</i> , 2012, 209, 1841-1852.	4.2	227
60	Negative regulation of IL-17-mediated signaling and inflammation by the ubiquitin-specific protease USP25. <i>Nature Immunology</i> , 2012, 13, 1110-1117.	7.0	162
61	Regulation of virus-triggered type I interferon signaling by cellular and viral proteins. <i>Frontiers in Biology</i> , 2010, 5, 12-31.	0.7	6
62	Glycogen Synthase Kinase 3 β Regulates IRF3 Transcription Factor-Mediated Antiviral Response via Activation of the Kinase TBK1. <i>Immunity</i> , 2010, 33, 878-889.	6.6	154
63	The ubiquitin-specific protease 17 is involved in virus-triggered type I IFN signaling. <i>Cell Research</i> , 2010, 20, 802-811.	5.7	57
64	Regulation of Virus-triggered Signaling by OTUB1- and OTUB2-mediated Deubiquitination of TRAF3 and TRAF6. <i>Journal of Biological Chemistry</i> , 2010, 285, 4291-4297.	1.6	161
65	Virus-triggered Ubiquitination of TRAF3/6 by cIAP1/2 Is Essential for Induction of Interferon- γ (IFN- γ) and Cellular Antiviral Response. <i>Journal of Biological Chemistry</i> , 2010, 285, 9470-9476.	1.6	117
66	The E3 Ubiquitin Ligase RNF5 Targets Virus-Induced Signaling Adaptor for Ubiquitination and Degradation. <i>Journal of Immunology</i> , 2010, 184, 6249-6255.	0.4	147
67	The Ubiquitin Ligase RNF5 Regulates Antiviral Responses by Mediating Degradation of the Adaptor Protein MITA. <i>Immunity</i> , 2009, 30, 397-407.	6.6	378
68	The Adaptor Protein MITA Links Virus-Sensing Receptors to IRF3 Transcription Factor Activation. <i>Immunity</i> , 2008, 29, 538-550.	6.6	1,209
69	The Adaptor Protein MITA Links Virus-Sensing Receptors to IRF3 Transcription Factor Activation. <i>Immunity</i> , 2008, 29, 538-550.	6.6	753
70	Innate immune responses: Crosstalk of signaling and regulation of gene transcription. <i>Virology</i> , 2006, 352, 14-21.	1.1	46