Kai Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4257879/publications.pdf

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26 papers	1,807 citations	394421 19 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	2988 citing authors

#	Article	IF	Citations
1	Intrinsic Radical Species Scavenging Activities of Tea Polyphenols Nanoparticles Block Pyroptosis in Endotoxin-Induced Sepsis. ACS Nano, 2022, 16, 2429-2441.	14.6	61
2	NLRP3 inflammasome contributes to endotoxin-induced coagulation. Thrombosis Research, 2022, 214, 8-15.	1.7	11
3	Z-DNA binding protein 1 promotes heatstroke-induced cell death. Science, 2022, 376, 609-615.	12.6	37
4	Heparin prevents caspase-11-dependent septic lethality independent of anticoagulant properties. Immunity, 2021, 54, 454-467.e6.	14.3	74
5	YAP promotes the activation of NLRP3 inflammasome via blocking K27-linked polyubiquitination of NLRP3. Nature Communications, 2021, 12, 2674.	12.8	57
6	C646 Protects Against DSS-Induced Colitis Model by Targeting NLRP3 Inflammasome. Frontiers in Pharmacology, 2021, 12, 707610.	3.5	6
7	Turning up the heat on non-immunoreactive tumors: pyroptosis influences the tumor immune microenvironment in bladder cancer. Oncogene, 2021, 40, 6381-6393.	5.9	60
8	Double-Stranded RNA Dependent Kinase R Regulates Antibacterial Immunity in Sepsis. Journal of Innate Immunity, 2021, 13, 26-37.	3.8	2
9	Acetylase inhibitor SI-2 is a potent anti-inflammatory agent by inhibiting NLRP3 inflammasome activation. International Immunopharmacology, 2020, 87, 106829.	3.8	7
10	The roles of NLRP3 inflammasome in bacterial infection. Molecular Immunology, 2020, 122, 80-88.	2.2	18
11	Ethyl pyruvate protects against sepsis-associated encephalopathy through inhibiting the NLRP3 inflammasome. Molecular Medicine, 2020, 26, 55.	4.4	33
12	Î²-catenin promotes NLRP3 inflammasome activation via increasing the association between NLRP3 and ASC. Molecular Immunology, 2020, 121, 186-194.	2.2	26
13	MAFGâ€AS1 promotes tumor progression via regulation of the HuR/PTBP1 axis in bladder urothelial carcinoma. Clinical and Translational Medicine, 2020, 10, e241.	4.0	35
14	The complement receptor C5aR2 promotes protein kinase R expression and contributes to NLRP3 inflammasome activation and HMGB1 release from macrophages. Journal of Biological Chemistry, 2019, 294, 8384-8394.	3.4	49
15	Caspse-11-GSDMD pathway is required for serum ferritin secretion in sepsis. Clinical Immunology, 2019, 205, 148-152.	3.2	18
16	Toll-Like Receptor 4 Signaling Licenses the Cytosolic Transport of Lipopolysaccharide From Bacterial Outer Membrane Vesicles. Shock, 2019, 51, 256-265.	2.1	51
17	Tet2 promotes pathogen infection-induced myelopoiesis through mRNA oxidation. Nature, 2018, 554, 123-127.	27.8	164
18	Phosphorylation-Mediated IFN-Î³R2 Membrane Translocation Is Required to Activate Macrophage Innate Response. Cell, 2018, 175, 1336-1351.e17.	28.9	28

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19	Demethylase Kdm6a epigenetically promotes IL-6 and IFN-Î² production in macrophages. Journal of Autoimmunity, 2017, 80, 85-94.	6.5	61
20	Bromodomain protein Brd3 promotes Ifnb1 transcription via enhancing IRF3/p300 complex formation and recruitment to Ifnb1 promoter in macrophages. Scientific Reports, 2017, 7, 39986.	3.3	20
21	H3K4me3 Demethylase Kdm5a Is Required for NK Cell Activation by Associating with p50 to Suppress SOCS1. Cell Reports, 2016, 15, 288-299.	6.4	56
22	Methyltransferase Dnmt3a upregulates HDAC9 to deacetylate the kinase TBK1 for activation of antiviral innate immunity. Nature Immunology, 2016, 17, 806-815.	14.5	157
23	Cytoplasmic STAT4 Promotes Antiviral Type I IFN Production by Blocking CHIP-Mediated Degradation of RIG-I. Journal of Immunology, 2016, 196, 1209-1217.	0.8	55
24	Histone Lysine Methyltransferase Ezh1 Promotes TLR-Triggered Inflammatory Cytokine Production by Suppressing Tollip. Journal of Immunology, 2015, 194, 2838-2846.	0.8	47
25	Tet2 is required to resolve inflammation by recruiting Hdac2 to specifically repress IL-6. Nature, 2015, 525, 389-393.	27.8	600
26	Induction of inducible nitric oxide synthase increases the production of reactive oxygen species in RAW264.7 macrophages. Bioscience Reports, 2010, 30, 233-241.	2.4	60