

# Kai Zhao

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	Tet2 is required to resolve inflammation by recruiting Hdac2 to specifically repress IL-6. <i>Nature</i> , 2015, 525, 389-393.	27.8	600
2	Tet2 promotes pathogen infection-induced myelopoiesis through mRNA oxidation. <i>Nature</i> , 2018, 554, 123-127.	27.8	164
3	Methyltransferase Dnmt3a upregulates HDAC9 to deacetylate the kinase TBK1 for activation of antiviral innate immunity. <i>Nature Immunology</i> , 2016, 17, 806-815.	14.5	157
4	Heparin prevents caspase-11-dependent septic lethality independent of anticoagulant properties. <i>Immunity</i> , 2021, 54, 454-467.e6.	14.3	74
5	Demethylase Kdm6a epigenetically promotes IL-6 and IFN- $\gamma$ production in macrophages. <i>Journal of Autoimmunity</i> , 2017, 80, 85-94.	6.5	61
6	Intrinsic Radical Species Scavenging Activities of Tea Polyphenols Nanoparticles Block Pyroptosis in Endotoxin-Induced Sepsis. <i>ACS Nano</i> , 2022, 16, 2429-2441.	14.6	61
7	Induction of inducible nitric oxide synthase increases the production of reactive oxygen species in RAW264.7 macrophages. <i>Bioscience Reports</i> , 2010, 30, 233-241.	2.4	60
8	Turning up the heat on non-immunoreactive tumors: pyroptosis influences the tumor immune microenvironment in bladder cancer. <i>Oncogene</i> , 2021, 40, 6381-6393.	5.9	60
9	YAP promotes the activation of NLRP3 inflammasome via blocking K27-linked polyubiquitination of NLRP3. <i>Nature Communications</i> , 2021, 12, 2674.	12.8	57
10	H3K4me3 Demethylase Kdm5a Is Required for NK Cell Activation by Associating with p50 to Suppress SOCS1. <i>Cell Reports</i> , 2016, 15, 288-299.	6.4	56
11	Cytoplasmic STAT4 Promotes Antiviral Type I IFN Production by Blocking CHIP-Mediated Degradation of RIG-I. <i>Journal of Immunology</i> , 2016, 196, 1209-1217.	0.8	55
12	Toll-Like Receptor 4 Signaling Licenses the Cytosolic Transport of Lipopolysaccharide From Bacterial Outer Membrane Vesicles. <i>Shock</i> , 2019, 51, 256-265.	2.1	51
13	The complement receptor C5aR2 promotes protein kinase R expression and contributes to NLRP3 inflammasome activation and HMGB1 release from macrophages. <i>Journal of Biological Chemistry</i> , 2019, 294, 8384-8394.	3.4	49
14	Histone Lysine Methyltransferase Ezh1 Promotes TLR-Triggered Inflammatory Cytokine Production by Suppressing Tollip. <i>Journal of Immunology</i> , 2015, 194, 2838-2846.	0.8	47
15	Z-DNA binding protein 1 promotes heatstroke-induced cell death. <i>Science</i> , 2022, 376, 609-615.	12.6	37
16	MAFG $\alpha$ AS1 promotes tumor progression via regulation of the HuR/PTBP1 axis in bladder urothelial carcinoma. <i>Clinical and Translational Medicine</i> , 2020, 10, e241.	4.0	35
17	Ethyl pyruvate protects against sepsis-associated encephalopathy through inhibiting the NLRP3 inflammasome. <i>Molecular Medicine</i> , 2020, 26, 55.	4.4	33
18	Phosphorylation-Mediated IFN- $\gamma$ R2 Membrane Translocation Is Required to Activate Macrophage Innate Response. <i>Cell</i> , 2018, 175, 1336-1351.e17.	28.9	28

#	ARTICLE	IF	CITATIONS
19	Î²-catenin promotes NLRP3 inflammasome activation via increasing the association between NLRP3 and ASC. <i>Molecular Immunology</i> , 2020, 121, 186-194.	2.2	26
20	Bromodomain protein Brd3 promotes Ifnb1 transcription via enhancing IRF3/p300 complex formation and recruitment to Ifnb1 promoter in macrophages. <i>Scientific Reports</i> , 2017, 7, 39986.	3.3	20
21	Caspase-11-GSDMD pathway is required for serum ferritin secretion in sepsis. <i>Clinical Immunology</i> , 2019, 205, 148-152.	3.2	18
22	The roles of NLRP3 inflammasome in bacterial infection. <i>Molecular Immunology</i> , 2020, 122, 80-88.	2.2	18
23	NLRP3 inflammasome contributes to endotoxin-induced coagulation. <i>Thrombosis Research</i> , 2022, 214, 8-15.	1.7	11
24	Acetylase inhibitor SI-2 is a potent anti-inflammatory agent by inhibiting NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2020, 87, 106829.	3.8	7
25	C646 Protects Against DSS-Induced Colitis Model by Targeting NLRP3 Inflammasome. <i>Frontiers in Pharmacology</i> , 2021, 12, 707610.	3.5	6
26	Double-Stranded RNA Dependent Kinase R Regulates Antibacterial Immunity in Sepsis. <i>Journal of Innate Immunity</i> , 2021, 13, 26-37.	3.8	2