

# Xuebin Qin

## List of Publications by Year in descending order

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76  
papers

3,686  
citations

117625

34  
h-index

144013

57  
g-index

81  
all docs

81  
docs citations

81  
times ranked

5833  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Excision of HIV-1 Provirus by saCas9 and Multiplex Single-Guide RNAs in Animal Models. <i>Molecular Therapy</i> , 2017, 25, 1168-1186.	8.2	228
2	Caspase-1 Inflammasome Activation Mediates Homocysteine-Induced Pyroptosis in Endothelial Cells. <i>Circulation Research</i> , 2016, 118, 1525-1539.	4.5	198
3	SARS-CoV-2 pandemic and research gaps: Understanding SARS-CoV-2 interaction with the ACE2 receptor and implications for therapy. <i>Theranostics</i> , 2020, 10, 7448-7464.	10.0	180
4	Biochemical basis and metabolic interplay of redox regulation. <i>Redox Biology</i> , 2019, 26, 101284.	9.0	170
5	The Role of Complement in the Mechanism of Action of Rituximab for B-Cell Lymphoma: Implications for Therapy. <i>Oncologist</i> , 2008, 13, 954-966.	3.7	147
6	Glycation Inactivation of the Complement Regulatory Protein CD59: A Possible Role in the Pathogenesis of the Vascular Complications of Human Diabetes. <i>Diabetes</i> , 2004, 53, 2653-2661.	0.6	140
7	The complement system in liver diseases. <i>Cellular and Molecular Immunology</i> , 2006, 3, 333-40.	10.5	127
8	Acute Respiratory Distress in Aged, SARS-CoV-2-Infected African Green Monkeys but Not Rhesus Macaques. <i>American Journal of Pathology</i> , 2021, 191, 274-282.	3.8	123
9	HIV-1-Associated Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2017, 69, 3084-3098.	2.8	119
10	Complement Regulator CD59 Protects Against Atherosclerosis by Restricting the Formation of Complement Membrane Attack Complex. <i>Circulation Research</i> , 2009, 104, 550-558.	4.5	110
11	Inhibition of Caspase-1 Activation in Endothelial Cells Improves Angiogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 17485-17494.	3.4	105
12	MicroRNA-20a-5p promotes colorectal cancer invasion and metastasis by downregulating Smad4. <i>Oncotarget</i> , 2016, 7, 45199-45213.	1.8	104
13	Long non-coding RNA UCA1a(CUDR) promotes proliferation and tumorigenesis of bladder cancer. <i>International Journal of Oncology</i> , 2012, 41, 276-84.	3.3	95
14	SARS-CoV-2 Infects Endothelial Cells In Vivo and In Vitro. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 701278.	3.9	95
15	Human CD59 Inhibitor Sensitizes Rituximab-Resistant Lymphoma Cells to Complement-Mediated Cytolysis. <i>Cancer Research</i> , 2011, 71, 2298-2307.	0.9	74
16	Endothelial cell infection and dysfunction, immune activation in severe COVID-19. <i>Theranostics</i> , 2021, 11, 8076-8091.	10.0	70
17	Deficiency of the Mouse Complement Regulatory Protein mCd59b Results in Spontaneous Hemolytic Anemia with Platelet Activation and Progressive Male Infertility. <i>Immunity</i> , 2003, 18, 217-227.	14.3	68
18	Identification and Functional Characterization of a New Gene Encoding the Mouse Terminal Complement Inhibitor CD59. <i>Journal of Immunology</i> , 2000, 165, 2528-2534.	0.8	64

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19	The critical roles of platelet activation and reduced NO bioavailability in fatal pulmonary arterial hypertension in a murine hemolysis model. <i>Blood</i> , 2010, 116, 1613-1622.	1.4	64
20	Distinct fate, dynamics and niches of renal macrophages of bone marrow or embryonic origins. <i>Nature Communications</i> , 2020, 11, 2280.	12.8	62
21	The good and evil of complement activation in HIV-1 infection. <i>Cellular and Molecular Immunology</i> , 2010, 7, 334-340.	10.5	59
22	FOXM1 expression predicts the prognosis in hepatocellular carcinoma patients after orthotopic liver transplantation combined with the Milan criteria. <i>Cancer Letters</i> , 2011, 306, 214-222.	7.2	56
23	Curcumin improves spatial memory impairment induced by human immunodeficiency virus type 1 glycoprotein 120 V3 loop peptide in rats. <i>Life Sciences</i> , 2009, 85, 1-10.	4.3	54
24	Metabolic Diseases Downregulate the Majority of Histone Modification Enzymes, Making a Few Upregulated Enzymes Novel Therapeutic Targets. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 49-66.	2.4	53
25	Complement Regulator CD59 Protects Against Angiotensin II-Induced Abdominal Aortic Aneurysms in Mice. <i>Circulation</i> , 2010, 121, 1338-1346.	1.6	52
26	Twenty Novel Disease Group-Specific and 12 New Shared Macrophage Pathways in Eight Groups of 34 Diseases Including 24 Inflammatory Organ Diseases and 10 Types of Tumors. <i>Frontiers in Immunology</i> , 2019, 10, 2612.	4.8	50
27	CD59 incorporation protects hepatitis C virus against complement-mediated destruction. <i>Hepatology</i> , 2012, 55, 354-363.	7.3	47
28	Adipocyte Death Preferentially Induces Liver Injury and Inflammation Through the Activation of Chemokine (CCL2 Motif) Receptor-Positive Macrophages and Lipolysis. <i>Hepatology</i> , 2019, 69, 1965-1982.	7.3	47
29	Bile acid-activated macrophages promote biliary epithelial cell proliferation through integrin $\alpha 6$ upregulation following liver injury. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	46
30	Lung Expression of Human Angiotensin-Converting Enzyme 2 Sensitizes the Mouse to SARS-CoV-2 Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 79-88.	2.9	45
31	Genomic structure, functional comparison, and tissue distribution of mouse Cd59a and Cd59b. <i>Mammalian Genome</i> , 2001, 12, 582-589.	2.2	43
32	rILYd4, a Human CD59 Inhibitor, Enhances Complement-Dependent Cytotoxicity of Ofatumumab against Rituximab-Resistant B-cell Lymphoma Cells and Chronic Lymphocytic Leukemia. <i>Clinical Cancer Research</i> , 2011, 17, 6702-6711.	7.0	42
33	Application of a novel inhibitor of human CD59 for the enhancement of complement-dependent cytolysis on cancer cells. <i>Cellular and Molecular Immunology</i> , 2011, 8, 157-163.	10.5	36
34	SARS-CoV-2 infection of the pancreas promotes thrombofibrosis and is associated with new-onset diabetes. <i>JCI Insight</i> , 2021, 6, .	5.0	36
35	Rapid conditional targeted ablation of cells expressing human CD59 in transgenic mice by intermedilysin. <i>Nature Medicine</i> , 2008, 14, 98-103.	30.7	35
36	A High-Affinity Inhibitor of Human CD59 Enhances Complement-Mediated Virolysis of HIV-1: Implications for Treatment of HIV-1/AIDS. <i>Journal of Immunology</i> , 2010, 184, 359-368.	0.8	35

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37	Anaphylatoxin C5a contributes to the pathogenesis of cisplatin-induced nephrotoxicity. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F496-F504.	2.7	31
38	New insights into IL-7 signaling pathways during early and late T cell development. <i>Cellular and Molecular Immunology</i> , 2013, 10, 187-189.	10.5	31
39	Balancing role of nitric oxide in complement-mediated activation of platelets from <i>mCd59a</i> and <i>mCd59b</i> double-knockout mice. <i>American Journal of Hematology</i> , 2009, 84, 221-227.	4.1	29
40	ACE2-IgG1 fusions with improved in vitro and in vivo activity against SARS-CoV-2. <i>IScience</i> , 2022, 25, 103670.	4.1	29
41	The Protective Role of CD59 and Pathogenic Role of Complement in Hepatic Ischemia and Reperfusion Injury. <i>American Journal of Pathology</i> , 2011, 179, 2876-2884.	3.8	27
42	Kupffer cells promote T-cell hepatitis by producing CXCL10 and limiting liver sinusoidal endothelial cell permeability. <i>Theranostics</i> , 2020, 10, 7163-7177.	10.0	27
43	Cre-inducible human CD59 mediates rapid cell ablation after interferon-gamma administration. <i>Journal of Clinical Investigation</i> , 2016, 126, 2321-2333.	8.2	27
44	Generation and phenotyping of <i>mCd59a</i> and <i>mCd59b</i> double-knockout mice. <i>American Journal of Hematology</i> , 2009, 84, 65-70.	4.1	25
45	Embryonic Lethal Abnormal Vision-like HuR-dependent mRNA Stability Regulates Post-transcriptional Expression of Cyclin-dependent Kinase Inhibitor p27Kip1. <i>Journal of Biological Chemistry</i> , 2010, 285, 15408-15419.	3.4	25
46	TDO2 Promotes the EMT of Hepatocellular Carcinoma Through Kyn-AhR Pathway. <i>Frontiers in Oncology</i> , 2020, 10, 562823.	2.8	25
47	Further Characterization of Reproductive Abnormalities in <i>mCd59b</i> Knockout Mice: A Potential New Function of mCd59 in Male Reproduction. <i>Journal of Immunology</i> , 2005, 175, 6294-6302.	0.8	24
48	Caspase-1 Activation Is Related With HIV-Associated Atherosclerosis in an HIV Transgenic Mouse Model and HIV Patient Cohort. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1762-1775.	2.4	20
49	Complement and HIV-1 infection/HIV-associated neurocognitive disorders. <i>Journal of NeuroVirology</i> , 2014, 20, 184-198.	2.1	19
50	TDO Promotes Hepatocellular Carcinoma Progression. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 5845-5855.	2.0	19
51	Rapid Degradation of the Complement Regulator, CD59, by a Novel Inhibitor. <i>Journal of Biological Chemistry</i> , 2014, 289, 12109-12125.	3.4	18
52	Targeted mouse complement inhibitor CR2-Crry protects against the development of atherosclerosis in mice. <i>Atherosclerosis</i> , 2014, 234, 237-243.	0.8	18
53	Versatile cell ablation tools and their applications to study loss of cell functions. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4725-4743.	5.4	16
54	Deficiency of the complement regulatory protein CD59 accelerates the development of diabetes-induced atherosclerosis in mice. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 311-317.	2.3	14

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55	Removal of the Tag from His-tagged ILYd4, a Human CD59 Inhibitor, Significantly Improves its Physical Properties and its Activity. <i>Current Pharmaceutical Design</i> , 2012, 18, 4187-4196.	1.9	13
56	Target deletion of complement component 9 attenuates antibody-mediated hemolysis and lipopolysaccharide (LPS)-induced acute shock in mice. <i>Scientific Reports</i> , 2016, 6, 30239.	3.3	13
57	Interleukin 35 Delays Hindlimb Ischemia-Induced Angiogenesis Through Regulating ROS-Extracellular Matrix but Spares Later Regenerative Angiogenesis. <i>Frontiers in Immunology</i> , 2020, 11, 595813.	4.8	13
58	Caspase-1-associated immune activation in an accelerated SIV-infected rhesus macaque model. <i>Journal of NeuroVirology</i> , 2018, 24, 420-431.	2.1	12
59	Immunological Feature and Transcriptional Signaling of Ly6C Monocyte Subsets From Transcriptome Analysis in Control and Hyperhomocysteinemic Mice. <i>Frontiers in Immunology</i> , 2021, 12, 632333.	4.8	11
60	Gut Microbiome Changes Associated with Epithelial Barrier Damage and Systemic Inflammation during Antiretroviral Therapy of Chronic SIV Infection. <i>Viruses</i> , 2021, 13, 1567.	3.3	11
61	C7 genotype of the donor may predict early bacterial infection after liver transplantation. <i>Scientific Reports</i> , 2016, 6, 24121.	3.3	9
62	Critical role of type I interferon-induced macrophage necroptosis during infection with <i>Salmonella enterica</i> serovar Typhimurium. <i>Cellular and Molecular Immunology</i> , 2013, 10, 99-100.	10.5	8
63	DDA1 promotes stage IIB-IIC colon cancer progression by activating NF $\kappa$ B/CSN2/GSK-3 $\beta$ signaling. <i>Oncotarget</i> , 2016, 7, 19794-19812.	1.8	8
64	C57BL/6J Mice Are Not Suitable for Modeling Severe SARS-CoV-2 Beta and Gamma Variant Infection. <i>Viruses</i> , 2022, 14, 966.	3.3	7
65	Reduced pannexin 1 $\beta$ -IL-33 axis function in donor livers increases risk of MRSA infection in liver transplant recipients. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	6
66	Elevated indoleamine-2,3-dioxygenase enzyme activity in a novel mouse model of HIV-associated atherosclerosis. <i>Aids</i> , 2019, 33, 1557-1564.	2.2	5
67	Complement Inhibition Targeted to Injury Specific Neoepitopes Attenuates Atherogenesis in Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 731315.	2.4	5
68	Domain 4 of ILY sensitizes antibody therapy on cancer and HIV through abrogating human CD59 function. <i>FASEB Journal</i> , 2008, 22, 522-522.	0.5	5
69	Editorial Commentary: Clinical management of cardiovascular disease in HIV-infected patients. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 564-566.	4.9	4
70	Stability of SARS-CoV-2-Encoded Proteins and Their Antibody Levels Correlate with Interleukin 6 in COVID-19 Patients. <i>MSystems</i> , 2022, 7, e0005822.	3.8	3
71	Rapid conditional targeted ablation model for hemolytic anemia in the rat. <i>Physiological Genomics</i> , 2016, 48, 626-632.	2.3	2
72	Adaptive Immune Response Signaling Is Suppressed in Ly6Chigh Monocyte but Upregulated in Monocyte Subsets of ApoE $^{-/-}$ Mice $\rightarrow$ Functional Implication in Atherosclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 809208.	4.8	2

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73	Su.73. Analysis of the Promoters and 5' Utr of Mouse Cd59 Genes, and of Their Functional Activity in Erythrocytes. <i>Clinical Immunology</i> , 2006, 119, S185.	3.2	0
74	GFAP-Positive Cells Contribute to Brain but not gut Neurosphere Formation in Adult Mice. <i>Gastroenterology</i> , 2017, 152, S931.	1.3	0
75	PS-172-Acute adipocyte death preferentially induces liver injury and inflammation via the activation of CCR2+ macrophages and lipolysis. <i>Journal of Hepatology</i> , 2019, 70, e107.	3.7	0
76	A Novel Intravascular Hemolysis Mouse Model. <i>FASEB Journal</i> , 2008, 22, 607-607.	0.5	0