

Qian Chen

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

2,316
citations

257450

24
h-index

265206

42
g-index

96
all docs

96
docs citations

96
times ranked

3613
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of osteopontin in the progression of solid organ tumour. <i>Cell Death and Disease</i> , 2018, 9, 356.	6.3	232
2	RIPK3 Orchestrates Fatty Acid Metabolism in Tumor-Associated Macrophages and Hepatocarcinogenesis. <i>Cancer Immunology Research</i> , 2020, 8, 710-721.	3.4	126
3	Autophagy-induced KDR/VEGFR-2 activation promotes the formation of vasculogenic mimicry by glioma stem cells. <i>Autophagy</i> , 2017, 13, 1528-1542.	9.1	119
4	Treating Acute Kidney Injury with Antioxidative Black Phosphorus Nanosheets. <i>Nano Letters</i> , 2020, 20, 1447-1454.	9.1	111
5	Molecular mechanisms of brain-derived neurotrophic factor in neuro-protection: Recent developments. <i>Brain Research</i> , 2017, 1665, 1-21.	2.2	93
6	Development of a Bacteriophage Cocktail to Constrain the Emergence of Phage-Resistant <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 327.	3.5	92
7	The citrus flavonoid naringenin confers protection in a murine endotoxaemia model through AMPK-ATF3-dependent negative regulation of the TLR4 signalling pathway. <i>Scientific Reports</i> , 2016, 6, 39735.	3.3	66
8	Tau protein is involved in morphological plasticity in hippocampal neurons in response to BDNF. <i>Neurochemistry International</i> , 2012, 60, 233-242.	3.8	65
9	Dexmedetomidine attenuates lung apoptosis induced by renal ischemia-reperfusion injury through β_2 AR/PI3K/Akt pathway. <i>Journal of Translational Medicine</i> , 2018, 16, 78.	4.4	65
10	Sequential Therapy of Acute Kidney Injury with a DNA Nanodevice. <i>Nano Letters</i> , 2021, 21, 4394-4402.	9.1	56
11	VEGF mitigates histone-induced pyroptosis in the remote liver injury associated with renal allograft ischemia-reperfusion injury in rats. <i>American Journal of Transplantation</i> , 2018, 18, 1890-1903.	4.7	54
12	Stereotactic Ablative Radiation Therapy Induces Systemic Differences in Peripheral Blood Immunophenotype Dependent on Irradiated Site. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 1259-1270.	0.8	54
13	A Comparison of Vaccine Hesitancy of COVID-19 Vaccination in China and the United States. <i>Vaccines</i> , 2021, 9, 649.	4.4	49
14	Proanthocyanidin promotes functional recovery of spinal cord injury via inhibiting ferroptosis. <i>Journal of Chemical Neuroanatomy</i> , 2020, 107, 101807.	2.1	46
15	The AngR protein and the siderophore anguibactin positively regulate the expression of iron-transport genes in <i>Vibrio anguillarum</i> . <i>Molecular Microbiology</i> , 1996, 22, 127-134.	2.5	45
16	Stanniocalcin-1 augments stem-like traits of glioblastoma cells through binding and activating NOTCH1. <i>Cancer Letters</i> , 2018, 416, 66-74.	7.2	43
17	Cesarean section without medical indication and risk of childhood asthma, and attenuation by breastfeeding. <i>PLoS ONE</i> , 2017, 12, e0184920.	2.5	42
18	Simultaneous Discrimination of Hypochlorite and Single Oxygen during Sepsis by a Dual-Functional Fluorescent Probe. <i>Analytical Chemistry</i> , 2020, 92, 6072-6080.	6.5	41

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19	Dichloroacetate enhances the antitumor efficacy of chemotherapeutic agents via inhibiting autophagy in non-small-cell lung cancer. <i>Cancer Management and Research</i> , 2018, Volume 10, 1231-1241.	1.9	37
20	Dexmedetomidine-Mediated Prevention of Renal Ischemia-Reperfusion Injury Depends in Part on Cholinergic Anti-Inflammatory Mechanisms. <i>Anesthesia and Analgesia</i> , 2020, 130, 1054-1062.	2.2	36
21	Antisense RNA regulation of the fatB iron transport protein gene in <i>Vibrio anguillarum</i> . <i>Molecular Microbiology</i> , 1995, 17, 747-756.	2.5	34
22	Mitochondrial pyruvate carrier 1 functions as a tumor suppressor and predicts the prognosis of human renal cell carcinoma. <i>Laboratory Investigation</i> , 2019, 99, 191-199.	3.7	28
23	β -adrenoreceptor modulated FAK pathway induced by dexmedetomidine attenuates pulmonary microvascular hyper-permeability following kidney injury. <i>Oncotarget</i> , 2016, 7, 55990-56001.	1.8	28
24	Inhibition of Extracellular Calcium Influx Results in Enhanced IL-12 Production in LPS-Treated Murine Macrophages by Downregulation of the CaMKK2-AMPK-SIRT1 Signaling Pathway. <i>Mediators of Inflammation</i> , 2016, 2016, 1-15.	3.0	27
25	Single chest tube drainage is superior to double chest tube drainage after lobectomy: a meta-analysis. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 88.	1.1	27
26	ARL4C stabilized by AKT/mTOR pathway promotes the invasion of PTEN-deficient primary human glioblastoma. <i>Journal of Pathology</i> , 2019, 247, 266-278.	4.5	27
27	ACTN1 supports tumor growth by inhibiting Hippo signaling in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 23.	8.6	27
28	Ndk, a novel host-responsive regulator, negatively regulates bacterial virulence through quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2016, 6, 28684.	3.3	26
29	PTP1B promotes aggressiveness of breast cancer cells by regulating PTEN but not EMT. <i>Tumor Biology</i> , 2016, 37, 13479-13487.	1.8	26
30	FGF19/SOCE/NFATc2 signaling circuit facilitates the self-renewal of liver cancer stem cells. <i>Theranostics</i> , 2021, 11, 5045-5060.	10.0	26
31	Efficacy of Low-Carbohydrate Ketogenic Diet as an Adjuvant Cancer Therapy: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2021, 13, 1388.	4.1	25
32	Sperm DNA fragmentation in Chinese couples with unexplained recurrent pregnancy loss. <i>Asian Journal of Andrology</i> , 2020, 22, 296.	1.6	23
33	High expression of DJ-1 promotes growth and invasion via the PTEN-AKT pathway and predicts a poor prognosis in colorectal cancer. <i>Cancer Medicine</i> , 2018, 7, 809-819.	2.8	22
34	Hybrids by tumor-associated macrophages—glioblastoma cells entail nuclear reprogramming and glioblastoma invasion. <i>Cancer Letters</i> , 2019, 442, 445-452.	7.2	22
35	MPC1 deficiency accelerates lung adenocarcinoma progression through the STAT3 pathway. <i>Cell Death and Disease</i> , 2019, 10, 148.	6.3	21
36	Argon Mitigates Impaired Wound Healing Process and Enhances Wound Healing In Vitro and In Vivo. <i>Theranostics</i> , 2019, 9, 477-490.	10.0	21

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37	Fibrin scaffolds embedded with sonic hedgehog/chitosan microspheres for recovery of spinal cord injury in rats. <i>Materials Express</i> , 2020, 10, 437-445.	0.5	20
38	Zyxin (ZYG) promotes invasion and acts as a biomarker for aggressive phenotypes of human glioblastoma multiforme. <i>Laboratory Investigation</i> , 2020, 100, 812-823.	3.7	20
39	<p>PINK1 Overexpression Promotes Cell Migration and Proliferation via Regulation of Autophagy and Predicts a Poor Prognosis in Lung Cancer Cases<p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 7703-7714.	1.9	19
40	The Cellular Distribution and Ser262 Phosphorylation of Tau Protein Are Regulated by BDNF In Vitro. <i>PLoS ONE</i> , 2014, 9, e91793.	2.5	18
41	A Fibrin Matrix Promotes the Differentiation of EMSCs Isolated from Nasal Respiratory Mucosa to Myelinating Phenotypical Schwann-Like Cells. <i>Molecules and Cells</i> , 2015, 38, 221-228.	2.6	18
42	Extracellular calcium influx promotes antibacterial autophagy in Escherichia coli infected murine macrophages via CaMKK β dependent activation of ERK1/2, AMPK and FoxO1. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 639-645.	2.1	15
43	Flexible Low-Dose GnRH Antagonist Protocol Is Effective in Patients With Sufficient Ovarian Reserve in IVF. <i>Frontiers in Endocrinology</i> , 2018, 9, 767.	3.5	15
44	Acute exposure to gold nanoparticles aggravates lipopolysaccharide-induced liver injury by amplifying apoptosis via ROS-mediated macrophage-hepatocyte crosstalk. <i>Journal of Nanobiotechnology</i> , 2022, 20, 37.	9.1	15
45	Consistency and pathophysiological characterization of a rat polymicrobial sepsis model via the improved cecal ligation and puncture surgery. <i>International Immunopharmacology</i> , 2016, 32, 66-75.	3.8	14
46	Osteopontin mediates necroptosis in lung injury after transplantation of ischaemic renal allografts in rats. <i>British Journal of Anaesthesia</i> , 2019, 123, 519-530.	3.4	14
47	Pretreatment with valproic acid alleviates pulmonary fibrosis through epithelialâ€mesenchymal transition inhibition in vitro and in vivo. <i>Laboratory Investigation</i> , 2021, 101, 1166-1175.	3.7	14
48	SOX5 interacts with YAP1 to drive malignant potential of non-small cell lung cancer cells. <i>American Journal of Cancer Research</i> , 2018, 8, 866-878.	1.4	14
49	Antibacterial Activity of a Lytic Enzyme Encoded by Pseudomonas aeruginosa Double Stranded RNA Bacteriophage phiYY. <i>Frontiers in Microbiology</i> , 2018, 9, 1778.	3.5	13
50	Type III Secretion Protein, PcrV, Impairs Pseudomonas aeruginosa Biofilm Formation by Increasing M1 Macrophage-Mediated Anti-bacterial Activities. <i>Frontiers in Microbiology</i> , 2020, 11, 1971.	3.5	13
51	Gold nanoparticles synergize with bacterial lipopolysaccharide to enhance class A scavenger receptor dependent particle uptake in neutrophils and augment neutrophil extracellular traps formation. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111900.	6.0	13
52	Ectoderm mesenchymal stem cells promote differentiation and maturation of oligodendrocyte precursor cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 727-733.	2.1	11
53	GnRH antagonist alters the migration of endometrial epithelial cells by reducing CKB. <i>Reproduction</i> , 2020, 159, 733-743.	2.6	11
54	Proanthocyanidins prevent ethanol-induced cognitive impairment by suppressing oxidative and inflammatory stress in adult rat brain. <i>NeuroReport</i> , 2017, 28, 980-986.	1.2	10

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55	Artesunate reverses LPS tolerance by promoting ULK1-mediated autophagy through interference with the CaMKII-IP3R-CaMKK β pathway. <i>International Immunopharmacology</i> , 2020, 87, 106863.	3.8	10
56	Kukoamine B promotes TLR4-independent lipopolysaccharide uptake in murine hepatocytes. <i>Oncotarget</i> , 2016, 7, 57498-57513.	1.8	9
57	NADPH oxidase 2 inhibitor diphenyleneiodonium enhances ROS-independent bacterial phagocytosis in murine macrophages via activation of the calcium-mediated p38 MAPK signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3422-3432.	0.0	9
58	Fenofibrate Inhibits Subretinal Fibrosis Through Suppressing TGF β 2 Smad2/3 signaling and Wnt signaling in Neovascular Age-Related Macular Degeneration. <i>Frontiers in Pharmacology</i> , 2020, 11, 580884.	3.5	8
59	Stimulation of the class-A scavenger receptor induces neutrophil extracellular traps (NETs) by ERK dependent NOX2 and ROMO1 activation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 847-854.	2.1	7
60	Ultrasonographic assessment of preoperative gastric volume in patients with dyspepsia: a prospective observational study. <i>BMC Anesthesiology</i> , 2022, 22, 21.	1.8	7
61	Association of urinary metabolites of non-persistent pesticides with serum sex hormones among the US females: NHANES 2013-2014. <i>Chemosphere</i> , 2022, 300, 134577.	8.2	7
62	Mu opioid receptors inhibit GABA release from parvalbumin interneuron terminals onto CA1 pyramidal cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 1059-1062.	2.1	6
63	ADP-Ribosylation Factor Like GTPase 4C (ARL4C) augments stem-like traits of glioblastoma cells by upregulating ALDH1A3. <i>Journal of Cancer</i> , 2021, 12, 818-826.	2.5	6
64	Association of Maternal Gestational Weight Gain With Left Ventricle Geometry and Function in Offspring at 4 Years of Age: A Prospective Birth Cohort Study. <i>Frontiers in Pediatrics</i> , 2021, 9, 722385.	1.9	6
65	TFEB Dependent Autophagy-Lysosomal Pathway: An Emerging Pharmacological Target in Sepsis. <i>Frontiers in Pharmacology</i> , 2021, 12, 794298.	3.5	6
66	Sharp Tuning of Head Direction and Angular Head Velocity Cells in the Somatosensory Cortex. <i>Advanced Science</i> , 2022, 9, e2200020.	11.2	6
67	Dexmedetomidine Activates Akt, STAT6 and IRF4 Modulating Cytoprotection and Macrophage Anti-Inflammatory Phenotype Against Acute Lung Injury in vivo and in vitro. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 2707-2720.	3.5	6
68	Two-dimensional Au-1,3,5 triethynylbenzene organometallic lattice: Structure, half-metallicity, and gas sensing. <i>Journal of Chemical Physics</i> , 2018, 149, 024702.	3.0	5
69	Inhibition of acetylcholinesterase attenuated retinal inflammation via suppressing NF- κ B activation. <i>Experimental Eye Research</i> , 2020, 195, 108003.	2.6	5
70	Diphenyleneiodonium enhances P2X7 dependent non-opsonized phagocytosis and suppresses inflammasome activation via blocking CX43-mediated ATP leakage. <i>Pharmacological Research</i> , 2021, 166, 105470.	7.1	5
71	Conversion therapy with tislelizumab for high microsatellite instability, unresectable stage III gastric cancer: a case report. <i>Annals of Translational Medicine</i> , 2021, 9, 1489-1489.	1.7	5
72	Elabela: A Novel Biomarker for Right Ventricular Pressure Overload in Children With Pulmonary Stenosis or Pulmonary Atresia With Intact Ventricular Septum. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 581848.	2.4	4

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73	Effects of dexmedetomidine on the function of distal organs and oxidative stress after lower limb ischaemia-reperfusion in elderly patients undergoing unilateral knee arthroplasty. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4212-4220.	2.4	4
74	Affinity-Guided Isolation and Identification of Procyanidin B2 from Mangosteen (<i>Garcinia mangostana</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T 2021, 76, 442-448.	3.2	4
75	Effects of circadian rhythm on Narcotrend index and target-controlled infusion concentration of propofol anesthesia. <i>BMC Anesthesiology</i> , 2021, 21, 215.	1.8	4
76	Intraoperative Hypotension and Related Risk Factors for Postoperative Mortality After Noncardiac Surgery in Elderly Patients: A Retrospective Analysis Report. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 1757-1767.	2.9	4
77	<i>Pseudomonas aeruginosa</i> PcrV Enhances the Nitric Oxide-Mediated Tumoricidal Activity of Tumor-Associated Macrophages via a TLR4/PI3K/AKT/mTOR-Glycolysis-Nitric Oxide Circuit. <i>Frontiers in Oncology</i> , 2021, 11, 736882.	2.8	4
78	RPE disruption and hyper-transmission are early signs of secondary CNV with punctate inner choroidopathy in structure-OCT. <i>BMC Ophthalmology</i> , 2021, 21, 427.	1.4	4
79	Differential sensitivity of presynaptic and postsynaptic GABAB receptors in rat ventrolateral periaqueductal gray. <i>NeuroReport</i> , 2017, 28, 1221-1224.	1.2	3
80	The discovery of potent immunostimulatory CpG-ODNs widely distributed in bacterial genomes. <i>Journal of Microbiology</i> , 2020, 58, 153-162.	2.8	3
81	TRPV1 Antagonist Prevents Neonatal Sevoflurane-Induced Synaptic Abnormality and Cognitive Impairment in Mice Through Regulating the Src/Cofilin Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 684516.	3.7	3
82	Autophagy positively regulates Wnt signaling in mice with diabetic retinopathy. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1164.	1.8	3
83	Presynaptic GABAB receptors differentially modulate GABA release from cholecystokinin and parvalbumin interneurons onto CA1 pyramidal neurons: A cell type-specific labeling and activating study. <i>Neuroscience Letters</i> , 2022, 772, 136448.	2.1	3
84	Stemness distinctions between the ectomesenchymal stem cells from neonatal and adult mice. <i>Acta Histochemica</i> , 2017, 119, 822-830.	1.8	2
85	Effect of Calcium-sensing Receptor on the Apoptosis of Rat Spinal Cord Neurons in Anoxia/Reoxygenation Injury and Its Significance. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 623-628.	0.2	2
86	<i>Plasmodium</i> Circumsporozoite Protein Enhances the Efficacy of Gefitinib in Lung Adenocarcinoma Cells by Inhibiting Autophagy via Proteasomal Degradation of LC3B. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 830046.	3.7	2
87	GABAB receptors constrain glutamate presynaptic release and postsynaptic actions in substantia gelatinosa of rat spinal cord. <i>Brain Structure and Function</i> , 2022, 227, 1893-1905.	2.3	2
88	Treatment of ectomesenchymal stem cells-conditional medium in ulcerative colitis. <i>Materials Express</i> , 2021, 11, 1339-1346.	0.5	1
89	Robotic surgical system completed radical gastrectomy for gastric cancer after liver transplantation: case report and systematic review. <i>Translational Cancer Research</i> , 2020, 9, 4028-4035.	1.0	1
90	Fibrin matrix containing high-dose calcitriol promotes the apoptosis of gastric cancer cells by sustainably releasing calcitriol and D-dimer. <i>Journal of Biomaterials Applications</i> , 2019, 34, 509-522.	2.4	0

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91	Evaluation of a fluorescence flow cytometry reagent for anti-M β galactosidase detection. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1427-1429.	2.0	0
92	Identification and differentiation therapy strategy of pterygium in vitro. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2619-2627.	0.0	0
93	Abstract 5720: Niraparib enhances radiosensitivity of glioblastoma cells with proficient BRCA1/2 through proliferation-related nucleolar protein DDX21. <i>Cancer Research</i> , 2022, 82, 5720-5720.	0.9	0