

Nan Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113
papers

1,026
citations

17
h-index

27
g-index

131
ext. papers

1,410
ext. citations

4.4
avg, IF

4.67
L-index

#	Paper	IF	Citations
113	The anterior cingulate cortex directly enhances auditory cortical responses in air-puffing-facilitated flight behavior.. <i>Cell Reports</i> , 2022 , 38, 110506	10.3	0
112	Comparison of Different Thoracic Aortic Wall Characteristics for Assessment of Disease Activity in Takayasu Arteritis: A Quantitative Study with 3.0 T Magnetic Resonance Imaging.. <i>Reviews in Cardiovascular Medicine</i> , 2022 , 23, 92	3.7	0
111	The auto segmentation for cardiac structures using a dual-input deep learning network based on vision saliency and transformer.. <i>Journal of Applied Clinical Medical Physics</i> , 2022 , e13597	2.2	
110	Case Report: Congenital Intracranial Kaposiform Hemangioendothelioma Treated With Surgical Resection.. <i>Frontiers in Surgery</i> , 2022 , 9, 831190	2.2	
109	MiR-1298-5p level downregulation induced by Helicobacter pylori infection inhibits autophagy and promotes gastric cancer development by targeting MAP2K6.. <i>Cellular Signalling</i> , 2022 , 93, 110286	4.8	0
108	Bu Shen Yi Sui Capsules Promote Remyelination by Regulating MicroRNA-219 and MicroRNA-338 in Exosomes to Promote Oligodendrocyte Precursor Cell Differentiation.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 3341481	2.2	
107	Potential intestinal infection and faecal-oral transmission of human coronaviruses.. <i>Reviews in Medical Virology</i> , 2022 , e2363	11.4	
106	Fully automatic framework for comprehensive coronary artery calcium scores analysis on non-contrast cardiac-gated CT scan: Total and vessel-specific quantifications. <i>European Journal of Radiology</i> , 2021 , 134, 109420	4.6	8
105	Surgical Experiences of Pediatric Cervical Bronchogenic Cysts: A Case Series of 6 Patients. <i>Ear, Nose and Throat Journal</i> , 2021 , 145561320982194	1	
104	Spinal Cord Diffuse Midline Glioma With Histone H3 K27M Mutation in a Pediatric Patient. <i>Frontiers in Surgery</i> , 2021 , 8, 616334	2.2	2
103	Sequential non-invasive following short-term invasive mechanical ventilation in the treatment of tuberculosis with respiratory failure: a randomized controlled study. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 203	3.3	
102	Imaging features of mycotic aortic aneurysms. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 2861-2878	3.5	0
101	Systematic Training of Liver Imaging Reporting and Data System Magnetic Resonance Imaging v2018 can Improve the Diagnosis of Hepatocellular Carcinoma for Different Radiologists. <i>Journal of Clinical and Translational Hepatology</i> , 2021 , 9, 537-544	5	
100	Diagnostic and Prognostic Value of Cardiac Magnetic Resonance Strain in Suspected Myocarditis With Preserved LV-EF: A Comparison Between Patients With Negative and Positive Late Gadolinium Enhancement Findings. <i>Journal of Magnetic Resonance Imaging</i> , 2021 ,	5.4	2
99	Expert consensus of perioperative intensive care and management of critically ill cancer patients (2021). <i>Annals of Palliative Medicine</i> , 2021 , 10, 9331-9341	1.7	
98	Mesangial C3 deposition and serum C3 levels predict renal outcome in IgA nephropathy. <i>Clinical and Experimental Nephrology</i> , 2021 , 25, 641-651	2.4	2
97	Virtual view synthesis for the nonuniform illuminated between views in surgical video. <i>Multimedia Tools and Applications</i> , 2021 , 80, 20619-20639	2.3	

96	Bu Shen Yi Sui Capsule Alleviates Neuroinflammation and Demyelination by Promoting Microglia toward M2 Polarization, Which Correlates with Changes in miR-124 and miR-155 in Experimental Autoimmune Encephalomyelitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 5521503	6.5	7
95	MicroRNA-125a-5p modulates macrophage polarization by targeting E26 transformation-specific variant 6 gene during orthodontic tooth movement. <i>Archives of Oral Biology</i> , 2021 , 124, 105060	2.7	1
94	Does Training in LI-RADS Version 2018 Improve ReadersSAgreement with the Expert Consensus and Inter-reader Agreement in MRI Interpretation?. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 1922-1934	5.4	
93	Successful rescue of a lethal Griscelli syndrome type 2 presenting with neurological involvement and hemophagocytic lymphohistiocytosis: a case report. <i>BMC Pediatrics</i> , 2021 , 21, 253	2.5	2
92	CT Findings of Pulmonary Metastases from Primary Cardiac Angiosarcoma. <i>Current Medical Imaging</i> , 2021 , 17, 1216-1220	1.2	
91	Dysbiosis of Gut Microbiota Promotes Hepatocellular Carcinoma Progression by Regulating the Immune Response. <i>Journal of Immunology Research</i> , 2021 , 2021, 4973589	4.3	0
90	Hemodynamic Impact of Stenting on Carotid Bifurcation: A Potential Role of the Stented Segment and External Carotid Artery. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 7604532	2.7	0
89	Feasibility study of simultaneous multislice diffusion kurtosis imaging with different acceleration factors in the liver. <i>BMC Medical Imaging</i> , 2021 , 21, 132	2.8	
88	Ferrostatin-1 alleviated TNBS induced colitis via the inhibition of ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 573, 48-54	3.3	2
87	Generalized Pustular Psoriasis in Patients with Interferon Gamma (IFN- γ) Receptor Deficiency and Mycobacterial Infection. <i>Journal of Clinical Immunology</i> , 2021 , 41, 829-833	5.6	1
86	Lp-PLA and dual antiplatelet agents in intracranial arterial stenosis. <i>Neurology</i> , 2020 , 94, e181-e189	5.7	4
85	Research progress of computer aided diagnosis system for pulmonary nodules in CT images. <i>Journal of X-Ray Science and Technology</i> , 2020 , 28, 1-16	2	1
84	Airway microbiome, host immune response and recurrent wheezing in infants with severe respiratory syncytial virus bronchiolitis. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 281-289	4	20
83	Repair of Type Ia Endoleaks Involving the Distal Arch Using Left Subclavian Artery-Left Common Carotid Artery Transposition with a Stented Elephant Trunk. <i>Annals of Vascular Surgery</i> , 2020 , 67, 332-337	4	
82	The three-phase enriched environment paradigm promotes neurovascular restorative and prevents learning impairment after ischemic stroke in rats. <i>Neurobiology of Disease</i> , 2020 , 146, 105091	7.2	10
81	Clinical and Imaging Features of Primary Cardiac Angiosarcoma. <i>Diagnostics</i> , 2020 , 10,	3.7	5
80	Spatiotemporal transfer of nitric oxide in patient-specific atherosclerotic carotid artery bifurcations with MRI and computational fluid dynamics modeling. <i>Computers in Biology and Medicine</i> , 2020 , 125, 104015	6.7	2
79	Dynamic Cerebral Autoregulation in Preclinical Atherosclerotic Cardiovascular Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104810	2.7	

78	Acute type A aortic intramural hematoma and type A aortic dissection: correlation between the intimal tear features and pathogenesis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 1504-1514	3.5	2
77	Low Mannose Binding Lectin, but Not L-Ficolin, Is Associated With Spontaneous Clearance of Hepatitis C Virus After Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 587669	8.2	
76	Cerebrovascular risk factors associated with ischemic stroke in a young non-diabetic and non-hypertensive population: a retrospective case-control study. <i>BMC Neurology</i> , 2020 , 20, 424	3	0
75	Spontaneous interventricular septum dissecting hematoma with endocardial fibroelastosis: imaging, diagnosis, surgical therapy and 6-year follow-up outcomes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 878-882	3.5	1
74	Clinical characteristics and chest CT imaging features of critically ill COVID-19 patients. <i>European Radiology</i> , 2020 , 30, 6151-6160	7.8	25
73	A systematic review of chest imaging findings in COVID-19. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 1058-1079	3.5	73
72	Clinical observation of Dan-Hong Hua-Yu oral solution in treating retinal vein occlusion. <i>Medicine (United States)</i> , 2020 , 99, e20173	1.8	
71	Oxidized low-density lipoprotein (LDL) and LDL cholesterol are associated with outcomes of minor stroke and TIA. <i>Atherosclerosis</i> , 2020 , 297, 74-80	1.4	6
70	Inhibition of miR-200b-3p alleviates hypoxia-ischemic brain damage via targeting Slit2 in neonatal rats. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 523, 931-938	3.3	3
69	cPKC β is significant to hypoxic preconditioning in mice cerebrum. <i>Frontiers in Bioscience - Landmark</i> , 2020 , 25, 683-698	2.7	1
68	Genome-wide Identification and Characterization of a Superfamily of Bacterial Extracellular Contractile Injection Systems. <i>Cell Reports</i> , 2019 , 29, 511-521.e2	10.3	18
67	Giant primary cardiac synovial sarcoma of the right ventricle. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 1642-1644	16.4	
66	Increased susceptibility to pertussis in adults at childbearing age as determined by comparative seroprevalence study, China 2010-2016. <i>Journal of Infection</i> , 2019 , 79, 1-6	18.5	3
65	Antibiotic-Induced Disruption of Gut Microbiota Alters Local Metabolomes and Immune Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 99	5.6	55
64	Deep Learning for Diagnosis of Chronic Myocardial Infarction on Nonenhanced Cardiac Cine MRI. <i>Radiology</i> , 2019 , 291, 606-617	19.8	87
63	Distal Arch Aneurysm Repair Using Left Subclavian Artery Transposition With Stented Elephant Trunk in the Hybrid Repair Era. <i>Heart Lung and Circulation</i> , 2019 , 28, 814-819	0.5	5
62	The Bu Shen Yi Sui Formula Promotes Axonal Regeneration Regulating the Neurotrophic Factor BDNF/TrkB and the Downstream PI3K/Akt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2019 , 10, 796	5.4	6
61	An MRI Study of Neurovascular Restorative After Combination Treatment With Enteric-Coated Capsule and Enriched Environment in Rats After Stroke. <i>Frontiers in Neuroscience</i> , 2019 , 13, 701	4.9	10

60	Prediction Efficiency of Postoperative Acute Kidney Injury in Acute Stanford Type A Aortic Dissection Patients with Renal Resistive Index and Semiquantitative Color Doppler. <i>Cardiology Research and Practice</i> , 2019 , 2019, 4381052	1.8	2
59	Bu Shen Yi Sui capsule promotes remyelination correlating with Sema3A/NRP-1, LIF/LIFR and Nkx6.2 in mice with experimental autoimmune encephalomyelitis. <i>Journal of Ethnopharmacology</i> , 2018 , 217, 36-48	4.8	10
58	The effectiveness of cortico-cortical evoked potential in detecting seizure onset zones. <i>Neurological Research</i> , 2018 , 40, 480-490	2.6	4
57	Protection of Lipopolysaccharide (LPS) Preconditioning against Endotoxin-Induced Uveitis (EIU) in Rats is Associated with Overexpression of Interleukin-1 Receptor-Associated Kinase M (IRAK-M). <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 943-950	2.7	6
56	cPKC β alleviates ischemic injury through modulating synapsin Ia/b phosphorylation in neurons of mice. <i>Brain Research Bulletin</i> , 2018 , 142, 156-162	3.8	2
55	cPKC β Modulated Sequential Reactivation of mTOR Inhibited Autophagic Flux in Neurons Exposed to Oxygen Glucose Deprivation/Reperfusion. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.1	16
54	Oxidized low-density lipoprotein predicts recurrent stroke in patients with minor stroke or TIA. <i>Neurology</i> , 2018 , 91, e947-e955	5.7	7
53	Astragaloside IV improves renal function and fibrosis via inhibition of miR-21-induced podocyte dedifferentiation and mesangial cell activation in diabetic mice. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 2431-2442	4.3	23
52	Quantitative Study of Abdominal Blood Flow Patterns in Patients with Aortic Dissection by 4-Dimensional Flow MRI. <i>Scientific Reports</i> , 2018 , 8, 9111	4.7	14
51	Use of Rectal Swab Samples for Analysis of the Intestinal Microbiome in Children. <i>Chinese Medical Journal</i> , 2018 , 131, 492-494	2.8	3
50	Astragaloside IV represses high glucose-induced mesangial cells activation by enhancing autophagy via SIRT1 deacetylation of NF- κ B p65 subunit. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 2971-2980	4.3	23
49	Oxidized Low-Density Lipoprotein to High-Density Lipoprotein Ratio Predicts Recurrent Stroke in Minor Stroke or Transient Ischemic Attack. <i>Stroke</i> , 2018 , 49, 2637-2642	6.5	4
48	Flavonones from Ameliorate Hepatic Steatosis by Activating the SIRT1/AMPK Pathway in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.1	17
47	Frozen Elephant Trunk for Acute Type B Dissection Involving the Distal Arch in the Hybrid Repair Era. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1182-1188	2.6	7
46	Acute Ischemic Pancreatitis Secondary to Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2018 , 52, 85-89	1.4	5
45	Fast intra coding unit size decision for HEVC with GPU based keypoint detection 2017 ,		4
44	Effects of Bu Shen Yi sui capsule on NogoA/NgR and its signaling pathways RhoA/ROCK in mice with experimental autoimmune encephalomyelitis. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 346	4.5	8
43	Rate-distortion optimized scan for point cloud color compression 2017 ,		5

42	Low Dose of Lipopolysaccharide Pretreatment Preventing Subsequent Endotoxin-Induced Uveitis Is Associated with PI3K/AKT Pathway. <i>Journal of Immunology Research</i> , 2017 , 2017, 1273940	4.3	4
41	Nitric oxide-mediated pathways and its role in the degenerative diseases. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 824-834	2.7	16
40	Ghost Imaging for Online Angiography. <i>Translational Neuroscience and Clinics</i> , 2017 , 3, 116-120		1
39	Visit-to-Visit Variability of Fasting Plasma Glucose and the Risk of Cardiovascular Disease and All-Cause Mortality in the General Population. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	40
38	Two-Year Changes in Proteinuria and the Risk of Stroke in the Chinese Population: A Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	9
37	Autophagy-ERK1/2-Involved Disinhibition of Hippocampal Neurons Contributes to the Pre-Synaptic Toxicity Induced by A β 2 Exposure. <i>Journal of Alzheimer's Disease</i> , 2017 , 59, 851-869	4.2	9
36	Repair of Complicated Chronic Type B Dissection with Distal Aortic Arch Involvement Using Left Subclavian Artery Transposition with Implantation of a Stented Elephant Trunk. <i>Thoracic and Cardiovascular Surgeon</i> , 2017 , 65, 99-104	1.6	7
35	Polymorphisms of toll-like receptors 2 and 9 and severity and prognosis of bacterial meningitis in Chinese children. <i>Scientific Reports</i> , 2017 , 7, 42796	4.7	9
34	Early Detection of Postoperative Acute Kidney Injury in Acute Stanford Type A Aortic Dissection With Doppler Renal Resistive Index. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 2105-2111	2.8	5
33	Polymorphism of TLR5 rs5744174 is associated with disease progression in Chinese patients with chronic HBV infection. <i>Apmis</i> , 2017 , 125, 708-716	3.2	3
32	Toll like receptor7 polymorphisms in relation to disease susceptibility and progression in Chinese patients with chronic HBV infection. <i>Scientific Reports</i> , 2017 , 7, 12417	4.7	11
31	Prediction of coronary plaque progression using biomechanical factors and vascular characteristics based on computed tomography angiography. <i>Computer Assisted Surgery</i> , 2017 , 22, 286-294	1.7	9
30	Effect of longitudinal anatomical mismatch of stenting on the mechanical environment in human carotid artery with atherosclerotic plaques. <i>Medical Engineering and Physics</i> , 2017 , 48, 114-119	2.3	3
29	Role of diffusion-weighted imaging in distinguishing thoracoabdominal neuroblastic tumours of various histological types and differentiation grades. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017 , 61, 718-724	1.7	7
28	Optical surgical instrument tracking system based on the principle of stereo vision. <i>Journal of Biomedical Optics</i> , 2017 , 22, 65005	3.3	16
27	Plaque components affect wall stress in stented human carotid artery: A numerical study. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2016 , 32, 1149-1154	2	1
26	GPU based sample adaptive offset parameter decision and perceptual optimization for HEVC 2016 ,		4
25	DANTE-prepared three-dimensional FLASH: A fast isotropic-resolution MR approach to morphological evaluation of the peripheral arterial wall at 3 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 343-51	5.4	14

24	Noncontrast MR angiography (MRA) of infraglenoid arteries using flow-sensitive dephasing (FSD)-prepared steady-state free precession (SSFP) at 3.0 Tesla: Comparison with contrast-enhanced MRA. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 364-72	5.4	11
23	Image Quality and Stenosis Assessment of Non-Contrast-Enhanced 3-T Magnetic Resonance Angiography in Patients with Peripheral Artery Disease Compared with Contrast-Enhanced Magnetic Resonance Angiography and Digital Subtraction Angiography. <i>PLoS ONE</i> , 2016 , 11, e0166467	3.6	7
22	MicroRNA-378 Alleviates Cerebral Ischemic Injury by Negatively Regulating Apoptosis Executioner Caspase-3. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.1	27
21	Histological validation of cardiac magnetic resonance T mapping for detecting diffuse myocardial fibrosis in diabetic rabbits. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 1179-1185	5.4	18
20	Alkaloids from piper longum protect dopaminergic neurons against inflammation-mediated damage induced by intranigral injection of lipopolysaccharide. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 412	4.5	11
19	Structure-driven Adaptive Non-local Filter for High Efficiency Video Coding (HEVC) 2016 ,		5
18	Adaptive Motion Vector Resolution Scheme for Enhanced Video Coding 2016 ,		2
17	Seroprevalence of pertussis among adults in China where whole cell vaccines have been used for 50 years. <i>Journal of Infection</i> , 2016 , 73, 38-44	18.5	17
16	cPKC β Modulated Autophagy in Neurons Alleviates Ischemic Injury in Brain of Mice with Ischemic Stroke Through Akt-mTOR Pathway. <i>Translational Stroke Research</i> , 2016 , 7, 497-511	7.6	53
15	Micro-RNA-30a regulates ischemia-induced cell death by targeting heat shock protein HSPA5 in primary cultured cortical neurons and mouse brain after stroke. <i>Journal of Neuroscience Research</i> , 2015 , 93, 1756-68	4.2	44
14	Does lower limb exercise worsen renal artery hemodynamics in patients with abdominal aortic aneurysm?. <i>PLoS ONE</i> , 2015 , 10, e0125121	3.6	5
13	Parallel intra coding for HEVC on CPU plus GPU platform 2015 ,		2
12	Optimal entropy-constrained non-uniform scalar quantizer design for low bit-rate pixel domain DVC. <i>Multimedia Tools and Applications</i> , 2014 , 70, 1799-1824	2.3	2
11	Houshiheisan compound prescription protects neurovascular units after cerebral ischemia. <i>Neural Regeneration Research</i> , 2014 , 9, 741-8	4.3	8
10	Content adaptive in-loop depth map filter for HEVC based 3DV coding 2013 ,		1
9	Gastrodin inhibits neuroinflammation in rotenone-induced Parkinson's disease model rats. <i>Neural Regeneration Research</i> , 2012 , 7, 325-31	4.3	18
8	Baicalin and deferoxamine alleviate iron accumulation in different brain regions of Parkinson's disease rats. <i>Neural Regeneration Research</i> , 2012 , 7, 2092-8	4.3	16
7	Joint just noticeable difference model based on depth perception for stereoscopic images 2011 ,		6

6	Hypoxic preconditioning induced neuroprotection against cerebral ischemic injuries and its cPKC-mediated molecular mechanism. <i>Neurochemistry International</i> , 2011 , 58, 684-92	4-3	42
5	An overview of 3D video representation and coding. <i>3D Research</i> , 2010 , 1, 43-47	2-3	9
4	H.264/AVC-Based Depth Map Sequence Coding Using Improved Loop-filter 2009 ,		1
3	Shape-Based Depth Map Coding 2009 ,		2
2	Neuron-specific phosphorylation of c-Jun N-terminal kinase increased in the brain of hypoxic preconditioned mice. <i>Neuroscience Letters</i> , 2007 , 423, 219-24	3-2	21
1	Chest CT imaging features of critically ill COVID-19 patients		1