

Liang Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/657442/publications.pdf>

Version: 2024-02-01

216
papers

4,244
citations

117625

34
h-index

168389

53
g-index

227
all docs

227
docs citations

227
times ranked

6387
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel predictive model for poor in-hospital outcomes in patients with acute kidney injury after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 1180-1191.e7.	0.8	7
2	Guiding Epilepsy Surgery with an LRP1-Targeted SPECT/SERES Dual-Mode Imaging Probe. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 14-25.	8.0	8
3	Metabolic regulation on the immune environment of glioma through gut microbiota. <i>Seminars in Cancer Biology</i> , 2022, 86, 990-997.	9.6	20
4	Early Outcomes of Septal Myectomy for Obstructive Hypertrophic Cardiomyopathy in Children With Noonan Syndrome. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 655-665.	0.6	8
5	Novel plasma biomarkers predicting biventricular involvement in arrhythmogenic right ventricular cardiomyopathy. <i>American Heart Journal</i> , 2022, 244, 66-76.	2.7	6
6	Long-term exclusive enteral nutrition remodels the gut microbiota and alleviates TNBS-induced colitis in mice. <i>Food and Function</i> , 2022, 13, 1725-1740.	4.6	7
7	Multifaceted Spatial and Functional Zonation of Cardiac Cells in Adult Human Heart. <i>Circulation</i> , 2022, 145, 315-318.	1.6	8
8	Endogenous Electric-Field-Coupled Electrospun Short Fiber via Collecting Wound Exudation. <i>Advanced Materials</i> , 2022, 34, e2108325.	21.0	75
9	Changes in lifestyle, mood, and disease management among community-dwelling older adults during the COVID-19 pandemic in China. <i>Aging and Health Research</i> , 2022, 2, 100059.	1.1	2
10	Cavernoma-Associated Epilepsy Within the Mesial Temporal Lobe: Surgical Management and Seizure Outcome. <i>World Neurosurgery</i> , 2022, 160, e464-e470.	1.3	0
11	Assessing differential representation of hand movements in multiple domains using stereo-electroencephalographic recordings. <i>NeuroImage</i> , 2022, 250, 118969.	4.2	12
12	Reduced myocardial septal function assessed by cardiac magnetic resonance feature tracking in patients with hypertrophic obstructive cardiomyopathy: associated with histological myocardial fibrosis and ventricular arrhythmias. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1006-1015.	1.2	8
13	Emerging New-Generation Detecting and Sensing of Metal Halide Perovskites. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	17
14	TNF antagonist sensitizes synovial fibroblasts to ferroptotic cell death in collagen-induced arthritis mouse models. <i>Nature Communications</i> , 2022, 13, 676.	12.8	78
15	Selenium binding protein 1 inhibits tumor angiogenesis in colorectal cancers by blocking the Delta-like ligand 4/Notch1 signaling pathway. <i>Translational Oncology</i> , 2022, 18, 101365.	3.7	7
16	Moyamoya disease: A human model for chronic hypoperfusion and intervention in Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, e12285.	3.7	3
17	Endogenous Electric-Field-Coupled Electrospun Short Fiber via Collecting Wound Exudation (Adv.) <i>Tj ETQq1 1 0,784314 rgBT /Overl</i>	21.0	2
18	Spontaneous State Detection Using Time-Frequency and Time-Domain Features Extracted From Stereo-Electroencephalography Traces. <i>Frontiers in Neuroscience</i> , 2022, 16, 818214.	2.8	0

#	ARTICLE	IF	CITATIONS
19	Mitochondrion-Localized SND1 Promotes Mitophagy and Liver Cancer Progression Through PGAM5. <i>Frontiers in Oncology</i> , 2022, 12, 857968.	2.8	11
20	Hormone Therapy: A Potential Risk Factor Affecting Survival and Functional Restoration of Transplanted Lymph Nodes. <i>Frontiers in Pharmacology</i> , 2022, 13, 853859.	3.5	0
21	Altered pain sensitivity in 5Å—familial Alzheimer disease mice is associated with dendritic spine loss in anterior cingulate cortex pyramidal neurons. <i>Pain</i> , 2022, 163, 2138-2153.	4.2	2
22	Validation of an Arrhythmogenic Right Ventricular Cardiomyopathy Risk-Prediction Model in a Chinese Cohort. <i>Journal of Clinical Medicine</i> , 2022, 11, 1973.	2.4	4
23	Decoding continuous kinetic information of grasp from stereo-electroencephalographic (SEEG) recordings. <i>Journal of Neural Engineering</i> , 2022, 19, 026047.	3.5	4
24	Methylene blue and carbon nanoparticles had no significant adverse effects on the survival and function of lymph nodes after non-vascularized transplantation in a mouse model. <i>Transplant Immunology</i> , 2022, 72, 101565.	1.2	0
25	The Effects of Methylene Blue and Carbon Nanoparticles on Transplanted Lymph Node Survival, Reconstructed Lymphatic Function, and Changes in Inflammatory and Fibrosis Factors. <i>World Journal of Surgery</i> , 2022, 46, 2166-2173.	1.6	0
26	Expression Patterns of Necroptosis-Related Genes: Predicting Prognosis and Immunotherapeutic Effects in Cutaneous Melanoma. <i>Journal of Oncology</i> , 2022, 2022, 1-20.	1.3	0
27	Total Lung-sparing Surgery for Tracheobronchial Low-grade Malignancies. <i>Annals of Thoracic Surgery</i> , 2021, 112, 450-458.	1.3	9
28	Abscisic Acid-Induced Autophagy Selectively via MAPK/JNK Signalling Pathway in Glioblastoma. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 813-826.	3.3	14
29	Biomimicking Antibacterial Opto—Electro Sensing Sutures Made of Regenerated Silk Proteins. <i>Advanced Materials</i> , 2021, 33, e2004733.	21.0	28
30	Quantitative analysis of cerebellar lobule morphology and clinical cognitive correlates in refractory temporal lobe epilepsy patients. <i>Epilepsy and Behavior</i> , 2021, 114, 107553.	1.7	5
31	Comprehensive plasma metabolites profiling reveals phosphatidylcholine species as potential predictors for cardiac resynchronization therapy response. <i>ESC Heart Failure</i> , 2021, 8, 280-290.	3.1	6
32	One-Stage Treatment in a Hybrid Operation Room to Cure Brain Arteriovenous Malformation: A Single-Center Experience. <i>World Neurosurgery</i> , 2021, 147, e85-e97.	1.3	10
33	Imaging epileptic foci in mouse models via a low-density lipoprotein receptor-related protein-1 targeting strategy. <i>EBioMedicine</i> , 2021, 63, 103156.	6.1	7
34	Tenacissoside H promotes neurological recovery of cerebral ischaemia/reperfusion injury in mice by modulating inflammation and oxidative stress via TrkB pathway. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 757-769.	1.9	14
35	Recognition of moyamoya disease and its hemorrhagic risk using deep learning algorithms: sourced from retrospective studies. <i>Neural Regeneration Research</i> , 2021, 16, 830.	3.0	11
36	Crosstalk between coagulation and complement activation promotes cardiac dysfunction in arrhythmogenic right ventricular cardiomyopathy. <i>Theranostics</i> , 2021, 11, 5939-5954.	10.0	8

#	ARTICLE	IF	CITATIONS
37	GJA1 promotes hepatocellular carcinoma progression by mediating TGF- β ² -induced activation and the epithelial \rightarrow mesenchymal transition of hepatic stellate cells. <i>Open Medicine (Poland)</i> , 2021, 16, 1459-1471.	1.3	6
38	Biomedical Devices: Biomimicking Antibacterial Opto \rightarrow Electro Sensing Sutures Made of Regenerated Silk Proteins (<i>Adv. Mater.</i> 1/2021). <i>Advanced Materials</i> , 2021, 33, 2170002.	21.0	2
39	Changes in Brain Functional Network Connectivity in Adult Moyamoya Diseases. <i>Cognitive Neurodynamics</i> , 2021, 15, 861-872.	4.0	7
40	Association of coagulation dysfunction with cardiac injury among hospitalized patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 4432.	3.3	7
41	Alternatively Splicing Interactomes Identify Novel Isoform-Specific Partners for NSD2. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 612019.	3.7	0
42	Coronary microvascular dysfunction: An important interpretation on the clinical significance of transient ischemic dilation of the left ventricle on myocardial perfusion imaging. <i>Journal of X-Ray Science and Technology</i> , 2021, 29, 347-360.	1.0	1
43	Global and regional cardiac dysfunction quantified by 18F-FDG PET scans can predict ventricular arrhythmia in patients with implantable cardioverter defibrillator. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 464-477.	2.1	1
44	Epilepsy-Associated UBE3A Deficiency Downregulates Retinoic Acid Signalling Pathway. <i>Frontiers in Genetics</i> , 2021, 12, 681295.	2.3	6
45	Faded Critical Dynamics in Adult Moyamoya Disease Revealed by EEG and fMRI. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	2
46	Spatiotemporal 7q11.23 protein network analysis implicates the role of DNA repair pathway during human brain development. <i>Scientific Reports</i> , 2021, 11, 8246.	3.3	4
47	Electrospun fibrous sponge via short fiber for mimicking 3D ECM. <i>Journal of Nanobiotechnology</i> , 2021, 19, 131.	9.1	43
48	Self-Related Stimuli Decoding With Auditory and Visual Modalities Using Stereo-Electroencephalography. <i>Frontiers in Neuroscience</i> , 2021, 15, 653965.	2.8	2
49	Nanoparticle-enabled innate immune stimulation activates endogenous tumor-infiltrating T cells with broad antigen specificities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
50	Reorganization of auditory-visual network interactions in long-term unilateral postlingual hearing loss. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 97-102.	1.5	2
51	Phase-Amplitude Coupling between Neuronal Wideband Low-Frequency Oscillations and Broadband Gamma Activity. , 2021, , .		0
52	Should resection extent be decided by total lesion size or solid component size in ground glass opacity-containing lung adenocarcinomas?. <i>Translational Lung Cancer Research</i> , 2021, 10, 2487-2499.	2.8	10
53	MIL normalization \rightarrow prerequisites for accurate MRI radiomics analysis. <i>Computers in Biology and Medicine</i> , 2021, 133, 104403.	7.0	14
54	Morphological basis of radial nerve dysfunction in newborns differs from that of no radial nerve dysfunction in adults in C5 \rightarrow C6 \rightarrow C7 injuries to the brachial plexus: a cadaveric study. <i>British Journal of Neurosurgery</i> , 2021, 35, 643-649.	0.8	1

#	ARTICLE	IF	CITATIONS
55	Lung sparing left secondary carina resection for low-grade tumors: a single-center study. <i>Updates in Surgery</i> , 2021, 73, 2363-2368.	2.0	1
56	Detection of human white matter activation and evaluation of its function in movement decoding using stereo-electroencephalography (SEEG). <i>Journal of Neural Engineering</i> , 2021, 18, 0460c6.	3.5	13
57	Left ventricular involvement assessed by LGE-CMR in predicting the risk of adverse outcomes of arrhythmogenic cardiomyopathy with ICDs. <i>International Journal of Cardiology</i> , 2021, 337, 79-85.	1.7	6
58	The Hippo-TAZ axis mediates vascular endothelial growth factor C in glioblastoma-derived exosomes to promote angiogenesis. <i>Cancer Letters</i> , 2021, 513, 1-13.	7.2	18
59	Left secondary carinal resection and reconstruction for low-grade bronchial malignancies. <i>JTCVS Techniques</i> , 2021, 8, 196-201.	0.4	4
60	Microsurgical intracranial hypervascular tumor resection immediately after endovascular embolization in a hybrid operative suite: A single-center experience. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 68-75.	1.5	2
61	Microglia modulation with 1070-nm light attenuates A β burden and cognitive impairment in Alzheimer's disease mouse model. <i>Light: Science and Applications</i> , 2021, 10, 179.	16.6	46
62	Prestimulus dynamics blend with the stimulus in neural variability quenching. <i>NeuroImage</i> , 2021, 238, 118160.	4.2	17
63	Markov State Models and Molecular Dynamics Simulations Provide Understanding of the Nucleotide-Dependent Dimerization-Based Activation of LRRK2 ROC Domain. <i>Molecules</i> , 2021, 26, 5647.	3.8	10
64	CD147 antibody specifically and effectively inhibits infection and cytokine storm of SARS-CoV-2 and its variants delta, alpha, beta, and gamma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 347.	17.1	64
65	The benefit and outcome prediction of acute surgery for hemorrhagic brainstem cavernous malformation with impending respiratory failure. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 213-220.	1.5	3
66	A functional assembly framework based on implementable neurobionic material. <i>Clinical and Translational Medicine</i> , 2021, 11, e277.	4.0	2
67	Reprogramming the immunosuppressive microenvironment of IDH1 wild-type glioblastoma by blocking Wnt signaling between microglia and cancer cells. <i>OncImmunity</i> , 2021, 10, 1932061.	4.6	17
68	Resolving the intertwining of inflammation and fibrosis in human heart failure at single-cell level. <i>Basic Research in Cardiology</i> , 2021, 116, 55.	5.9	87
69	Heart Failure in Patients with Arrhythmogenic Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4782.	2.4	5
70	Left Ventricular Longitudinal Dyssynchrony by CMR Feature Tracking Is Related to Adverse Prognosis in Advanced Arrhythmogenic Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 712832.	2.4	5
71	Investigating Data Cleaning Methods to Improve Performance of Brain-Computer Interfaces Based on Stereo-Electroencephalography. <i>Frontiers in Neuroscience</i> , 2021, 15, 725384.	2.8	8
72	Efficacy of Catheter Ablation for Atrial Arrhythmias in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy—A Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4962.	2.4	7

#	ARTICLE	IF	CITATIONS
73	Venovenous extracorporeal membrane oxygenation-assisted tracheobronchial surgery: a retrospective analysis and literature review. <i>Journal of Thoracic Disease</i> , 2021, 13, 6390-6398.	1.4	5
74	Pulmonary function changes after thoracoscopic lobectomy versus intentional thoracoscopic segmentectomy for early-stage non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2021, 10, 4141-4151.	2.8	15
75	Endoscopic Endonasal Intraconal Approach for Orbital Tumor Resection: Case Series and Systematic Review. <i>Frontiers in Oncology</i> , 2021, 11, 780551.	2.8	4
76	Carinal resection and reconstruction with complete pulmonary parenchyma preservation: a single-institution analysis of 36 cases. <i>Translational Lung Cancer Research</i> , 2021, 10, 4526-4537.	2.8	2
77	Deep learning and radiomics based automatic diagnosis of hippocampal sclerosis. <i>International Journal of Neuroscience</i> , 2021, , 1-12.	1.6	4
78	Millimeter Scale Localization of Auditory Event-Related Human Cerebral Cortex Based on Invasive EEG Analysis. , 2021, , .		0
79	Characterizing Brain Signals for Epileptic Pre-ictal Signal Classification.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 1215-1224.	0.2	0
80	Reconfigured functional network dynamics in adult moyamoya disease: a resting-state fMRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 715-727.	2.1	22
81	iEEGview: an open-source multifunction GUI-based Matlab toolbox for localization and visualization of human intracranial electrodes. <i>Journal of Neural Engineering</i> , 2020, 17, 016016.	3.5	27
82	Transfers of the Ipsilateral C7 Plus the Spinal Accessory Nerve Versus Triple Nerve Transfers for Treatment of C5-C6 Avulsion of the Brachial Plexus. <i>Journal of Hand Surgery</i> , 2020, 45, 363.e1-363.e6.	1.6	4
83	MiR-199a-modified exosomes from adipose tissue-derived mesenchymal stem cells improve hepatocellular carcinoma chemosensitivity through mTOR pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 4.	8.6	183
84	Management of bleeding complications during thoracoscopic thymectomy. <i>Mediastinum</i> , 2020, 4, 15-15.	1.1	6
85	Plasma Metabolomic Profiles Differentiate Patients With Dilated Cardiomyopathy and Ischemic Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 597546.	2.4	18
86	Association of carbamylated high-density lipoprotein with coronary artery disease in type 2 diabetes mellitus: carbamylated high-density lipoprotein of patients promotes monocyte adhesion. <i>Journal of Translational Medicine</i> , 2020, 18, 460.	4.4	10
87	Serum ERK1/2 proteins fluctuating with HBV infection report frequency of viral-specific CD8+ T cells and predict IFN \pm therapeutic effect in chronic hepatitis B patients. <i>Clinical Immunology</i> , 2020, 219, 108570.	3.2	1
88	Molecular subgrouping of medulloblastoma based on few-shot learning of multitasking using conventional MR images: a retrospective multicenter study. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa079.	0.7	5
89	Multi-task Classification Model Based On Multi-modal Glioma Data. , 2020, , .		0
90	Surface electrocardiographic characteristics in coronavirus disease 2019: repolarization abnormalities associated with cardiac involvement. <i>ESC Heart Failure</i> , 2020, 7, 4408-4415.	3.1	15

#	ARTICLE	IF	CITATIONS
91	Recognition of Cognitive Impairment in Adult Moyamoya Disease: A Classifier Based on High-Order Resting-State Functional Connectivity Network. <i>Frontiers in Neural Circuits</i> , 2020, 14, 603208.	2.8	9
92	Novel Blood Cytokine-Based Model for Predicting Severe Acute Kidney Injury and Poor Outcomes After Cardiac Surgery. <i>Journal of the American Heart Association</i> , 2020, 9, e018004.	3.7	17
93	Plasma testosterone and arrhythmic events in male patients with arrhythmogenic right ventricular cardiomyopathy. <i>ESC Heart Failure</i> , 2020, 7, 1547-1559.	3.1	12
94	Enhancing gesture decoding performance using signals from posterior parietal cortex: a stereo-electroencephalography (SEEG) study. <i>Journal of Neural Engineering</i> , 2020, 17, 046043.	3.5	13
95	Ictal stereo-electroencephalography onset patterns of mesial temporal lobe epilepsy and their clinical implications. <i>Clinical Neurophysiology</i> , 2020, 131, 2079-2085.	1.5	10
96	Elevated plasma β^2 -hydroxybutyrate predicts adverse outcomes and disease progression in patients with arrhythmogenic cardiomyopathy. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	54
97	A pH ratiometrically responsive surface enhanced resonance Raman scattering probe for tumor acidic margin delineation and image-guided surgery. <i>Chemical Science</i> , 2020, 11, 4397-4402.	7.4	25
98	Hemisphere-Specific Functional Remodeling and Its Relevance to Tumor Malignancy of Cerebral Glioma Based on Resting-State Functional Network Analysis. <i>Frontiers in Neuroscience</i> , 2020, 14, 611075.	2.8	4
99	A Diagnostic Model to Improve the Predictability of Natural Pregnancy Potential in Patients with Oligoasthenospermia. <i>Medical Science Monitor</i> , 2020, 26, e922316.	1.1	2
100	Preparation and Characterization of a Novel Triple Composite Scaffold Containing Silk Fiborin, Chitosan, and Alginate for 3D Culture of Colonic Carcinoma Cells In Vitro. <i>Medical Science Monitor</i> , 2020, 26, e922935.	1.1	9
101	Inflammation and apoptosis accelerate progression to irreversible atrophy in denervated intrinsic muscles of the hand compared with biceps: proteomic analysis of a rat model of obstetric brachial plexus palsy. <i>Neural Regeneration Research</i> , 2020, 15, 1326.	3.0	2
102	Single-cell RNA Sequencing: In-depth Decoding of Heart Biology and Cardiovascular Diseases. <i>Current Genomics</i> , 2020, 21, 585-601.	1.6	3
103	Stability of motor endplates is greater in the biceps than in the interossei in a rat model of obstetric brachial plexus palsy. <i>Neural Regeneration Research</i> , 2020, 15, 1678.	3.0	2
104	Tetraspanin CD9 interacts with β -secretase to enhance its oncogenic function in pancreatic cancer. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 5525-5537.	0.0	3
105	Emodin inhibits the proliferation and migration of B16F10 cells and induces their apoptosis. <i>Translational Cancer Research</i> , 2020, 9, 6198-6205.	1.0	0
106	Treatment of dilated cardiomyopathy caused by coronary microvascular dysfunction with anisodamine: a report of 5 cases. <i>Journal of Traditional Chinese Medicine</i> , 2020, 40, 340-342.	0.2	0
107	A founder homozygous DSG2 variant in East Asia results in ARVC with full penetrance and heart failure phenotype. <i>International Journal of Cardiology</i> , 2019, 274, 263-270.	1.7	32
108	Semiaquatic mammals might be intermediate hosts to spread avian influenza viruses from avian to human. <i>Scientific Reports</i> , 2019, 9, 11641.	3.3	12

#	ARTICLE	IF	CITATIONS
109	Overexpression of CPXM2 predicts an unfavorable prognosis and promotes the proliferation and migration of gastric cancer. <i>Oncology Reports</i> , 2019, 42, 1283-1294.	2.6	11
110	A novel hybrid approach for enucleation of esophageal leiomyoma. <i>Journal of Thoracic Disease</i> , 2019, 11, 2576-2580.	1.4	5
111	Outcome and Pathological Characteristics of Primary Malignant Cardiac Tumors. <i>International Heart Journal</i> , 2019, 60, 938-943.	1.0	5
112	High iodine induces DNA damage in autoimmune thyroiditis partially by inhibiting the DNA repair protein MTH1. <i>Cellular Immunology</i> , 2019, 344, 103948.	3.0	3
113	Pure Endoscopic Surgery via Subtemporal Extradural Keyhole Approach for Middle Cranial Fossa Tumors. <i>World Neurosurgery</i> , 2019, 130, e487-e497.	1.3	7
114	Initial treatment combined with <i>Prunella vulgaris</i> reduced prednisolone consumption for patients with subacute thyroiditis. <i>Annals of Translational Medicine</i> , 2019, 7, 45-45.	1.7	16
115	Detection of glioma by surface-enhanced Raman scattering spectra with optimized mathematical methods. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1130-1140.	2.5	10
116	Clinical Characteristics of Patients with a Right Ventricular Thrombus in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1373-1378.	3.4	15
117	Brain-Machine Interfaces: Silk-Enabled Conformal Multifunctional Bioelectronics for Investigation of Spatiotemporal Epileptiform Activities and Multimodal Neural Encoding/Decoding (<i>Adv. Sci.</i> 9/2019). <i>Advanced Science</i> , 2019, 6, 1970056.	11.2	1
118	Rapid histology of laryngeal squamous cell carcinoma with deep-learning based stimulated Raman scattering microscopy. <i>Theranostics</i> , 2019, 9, 2541-2554.	10.0	106
119	Physiological significance of R-fMRI indices: Can functional metrics differentiate structural lesions (brain tumors)? <i>NeuroImage: Clinical</i> , 2019, 22, 101741.	2.7	4
120	Recessive variants in plakophilin-2 contributes to early-onset arrhythmogenic cardiomyopathy with severe heart failure. <i>Europace</i> , 2019, 21, 970-977.	1.7	7
121	A novel genotype-based clinicopathology classification of arrhythmogenic cardiomyopathy provides novel insights into disease progression. <i>European Heart Journal</i> , 2019, 40, 1690-1703.	2.2	59
122	TAF5 promotes proliferation and migration in gastric cancer. <i>Molecular Medicine Reports</i> , 2019, 20, 4477-4488.	2.4	4
123	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. <i>Laboratory Investigation</i> , 2019, 99, 588-598.	3.7	16
124	Commentary: Analysis of Wide-Neck Aneurysms in the Barrow Ruptured Aneurysm Trial. <i>Neurosurgery</i> , 2019, 85, E822-E824.	1.1	1
125	A sparse representation-based radiomics for outcome prediction of higher grade gliomas. <i>Medical Physics</i> , 2019, 46, 250-261.	3.0	20
126	Noninvasive molecular diagnosis of craniopharyngioma with MRI-based radiomics approach. <i>BMC Neurology</i> , 2019, 19, 6.	1.8	32

#	ARTICLE	IF	CITATIONS
127	Sarcomere variants in arrhythmogenic cardiomyopathy: Pathogenic factor or bystander?. <i>Gene</i> , 2019, 687, 82-89.	2.2	7
128	PAR2 promotes M1 macrophage polarization and inflammation via FOXO1 pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9799-9809.	2.6	55
129	Evaluation of clinical risk factors for predicting insidious right central and posterior right recurrent laryngeal nerve lymph node metastasis in papillary thyroid microcarcinoma patients (cNO): experience of a single center. <i>Annals of Translational Medicine</i> , 2019, 7, 8-8.	1.7	16
130	Microstructural damage pattern of vascular cognitive impairment: a comparison between moyamoya disease and cerebrovascular atherosclerotic disease. <i>Neural Regeneration Research</i> , 2019, 14, 858.	3.0	13
131	Endogenous hormone 2 α -methoxyestradiol suppresses venous hypertension-induced angiogenesis through up-regulating p53 and down-regulating β -catenin. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 957-967.	3.6	5
132	The Role of Matrix Metalloproteinase-3 in the Doxycycline Attenuation of Intracranial Venous Hypertension-Induced Angiogenesis. <i>Neurosurgery</i> , 2018, 83, 1317-1327.	1.1	10
133	Neural Coding of Cell Assemblies via Spike-Timing Self-Information. <i>Cerebral Cortex</i> , 2018, 28, 2563-2576.	2.9	3
134	Protein Bricks: 2D and 3D Bio-Nanostructures with Shape and Function on Demand. <i>Advanced Materials</i> , 2018, 30, e1705919.	21.0	50
135	Endomyocardial biopsy in differential diagnosis between arrhythmogenic right ventricular cardiomyopathy and dilated cardiomyopathy: an in vitro simulated study. <i>Cardiovascular Pathology</i> , 2018, 34, 15-21.	1.6	5
136	A Silk Cranial Fixation System for Neurosurgery. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701359.	7.6	25
137	Preliminary Exploration of the Diagnosis and Treatment of Skull-Based Chondromyxoid Fibromas. <i>Operative Neurosurgery</i> , 2018, 15, 270-277.	0.8	3
138	Neurosurgery: A Silk Cranial Fixation System for Neurosurgery (Adv. Healthcare Mater. 6/2018). <i>Advanced Healthcare Materials</i> , 2018, 7, 1870029.	7.6	2
139	SEEGview: A Toolbox for Localization and Visualization of Stereo-Electroencephalography (SEEG) Electrodes. , 2018, , .		1
140	Bcl2-Like Protein 12 Is Required for the Aberrant T Helper-2 Polarization in the Heart by Enhancing Interleukin-4 Expression and Compromising Apoptotic Machinery in CD4+ T Cells. <i>Circulation</i> , 2018, 138, 2559-2568.	1.6	19
141	A modified method for isolation of human cardiomyocytes to model cardiac diseases. <i>Journal of Translational Medicine</i> , 2018, 16, 288.	4.4	40
142	Label-free imaging of hemoglobin degradation and hemosiderin formation in brain tissues with femtosecond pump-probe microscopy. <i>Theranostics</i> , 2018, 8, 4129-4140.	10.0	23
143	Multispectral Imaging: Multicolor T-Ray Imaging Using Multispectral Metamaterials (Adv. Sci. 7/2018). <i>Advanced Science</i> , 2018, 5, 1870044.	11.2	1
144	Prediction of the anti-glioma therapeutic effects of temozolomide through in vivo molecular imaging of MMP expression. <i>Biomedical Optics Express</i> , 2018, 9, 3193.	2.9	7

#	ARTICLE	IF	CITATIONS
145	Self-Powered Multifunctional Transient Bioelectronics. <i>Small</i> , 2018, 14, e1802050.	10.0	47
146	Characterization of TTN Novex Splicing Variants across Species and the Role of RBM20 in Novex-Specific Exon Splicing. <i>Genes</i> , 2018, 9, 86.	2.4	7
147	Image-guided chemotherapy with specifically tuned blood brain barrier permeability in glioma margins. <i>Theranostics</i> , 2018, 8, 3126-3137.	10.0	50
148	Bio-Nanostructures: Protein Bricks: 2D and 3D Bio-Nanostructures with Shape and Function on Demand (Adv. Mater. 20/2018). <i>Advanced Materials</i> , 2018, 30, 1870141.	21.0	3
149	Absence of a primary role for <i>TTN</i> missense variants in arrhythmogenic cardiomyopathy: From a clinical and pathological perspective. <i>Clinical Cardiology</i> , 2018, 41, 615-622.	1.8	7
150	A novel mutation of dystrophin in a Becker muscular dystrophy family with severe cardiac involvement: from genetics to clinicopathology. <i>Cardiovascular Pathology</i> , 2018, 36, 64-70.	1.6	3
151	MiR-1-3p that correlates with left ventricular function of HCM can serve as a potential target and differentiate HCM from DCM. <i>Journal of Translational Medicine</i> , 2018, 16, 161.	4.4	42
152	Optimal referencing for stereo-electroencephalographic (SEEG) recordings. <i>NeuroImage</i> , 2018, 183, 327-335.	4.2	95
153	Astrocytic Kir4.1 channels and gap junctions account for spontaneous epileptic seizure. <i>PLoS Computational Biology</i> , 2018, 14, e1005877.	3.2	28
154	Upregulation of hydroxysteroid sulfotransferase 2B1b promotes hepatic oval cell proliferation by modulating oxysterol-induced LXR activation in a mouse model of liver injury. <i>Archives of Toxicology</i> , 2017, 91, 271-287.	4.2	21
155	Effectiveness of deferoxamine on ferric chloride-induced epilepsy in rats. <i>Brain Research</i> , 2017, 1658, 25-30.	2.2	20
156	Remodelling of myocardial intercalated disc protein connexin 43 causes increased susceptibility to malignant arrhythmias in ARVC/D patients. <i>Forensic Science International</i> , 2017, 275, 14-22.	2.2	15
157	The Use of Functionalized Silk Fibroin Films as a Platform for Optical Diffraction-Based Sensing Applications. <i>Advanced Materials</i> , 2017, 29, 1605471.	21.0	127
158	Juglone induces apoptosis of tumor stem-like cells through ROS-p38 pathway in glioblastoma. <i>BMC Neurology</i> , 2017, 17, 70.	1.8	34
159	Noninvasively Imaging Subcutaneous Tumor Xenograft by a Handheld Raman Detector, with the Assistance of an Optical Clearing Agent. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17769-17776.	8.0	24
160	Morphological and Hemodynamic Differences Between Aneurysmal Middle Cerebral Artery Bifurcation and Contralateral Nonaneurysmal Anatomy. <i>Neurosurgery</i> , 2017, 81, 779-786.	1.1	15
161	Guiding Brain Tumor Surgery via Blood-Brain-Barrier-Permeable Gold Nanoprobes with Acid-Triggered MRI/SERS Signals. <i>Advanced Materials</i> , 2017, 29, 1603917.	21.0	149
162	MicroRNA-98 plays a critical role in experimental myocarditis. <i>International Journal of Cardiology</i> , 2017, 229, 75-81.	1.7	27

#	ARTICLE	IF	CITATIONS
163	Noninvasive IDH1 mutation estimation based on a quantitative radiomics approach for grade II glioma. <i>European Radiology</i> , 2017, 27, 3509-3522.	4.5	183
164	Anatomical location differences between mutated and wild-type isocitrate dehydrogenase 1 in low-grade gliomas. <i>International Journal of Neuroscience</i> , 2017, 127, 873-880.	1.6	15
165	A preliminary study towards prosthetic hand control using human stereo-electroencephalography (SEEG) signals. , 2017, , .		13
166	Long-Term Outcomes of Surgical Treatment in 181 Patients with Supratentorial Cerebral Cavernous Malformationâ€Associated Epilepsy. <i>World Neurosurgery</i> , 2017, 108, 869-875.	1.3	18
167	Changes in Expressions of Major Histocompatibility Complex Class I, Paired-Immunoglobulin-Like Receptor B, and Cluster of Differentiation 31 \uparrow in Motor Cortical Representations of the Brachial Plexus After Avulsion in Rats. <i>World Neurosurgery</i> , 2017, 106, 211-218.	1.3	3
168	Comprehensive Myocardial Proteogenomics Profiling Reveals C/EBP β as the Key Factor in the Lipid Storage of ARVC. <i>Journal of Proteome Research</i> , 2017, 16, 2863-2876.	3.7	23
169	Low-Grade Glioma Segmentation Based on CNN with Fully Connected CRF. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-12.	1.9	28
170	Anatomic mapping of molecular subtypes in diffuse glioma. <i>BMC Neurology</i> , 2017, 17, 183.	1.8	14
171	Epidemiological Features of Nontraumatic Spontaneous Subarachnoid Hemorrhage in China. <i>Chinese Medical Journal</i> , 2017, 130, 776-781.	2.3	9
172	Production of Composite Scaffold Containing Silk Fibroin, Chitosan, and Gelatin for 3D Cell Culture and Bone Tissue Regeneration. <i>Medical Science Monitor</i> , 2017, 23, 5311-5320.	1.1	36
173	Contrast-Enhanced Ultrasound Imaging Based on Bubble Region Detection. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1098.	2.5	4
174	Terahertz identification and quantification of neurotransmitter and neurotrophin mixture. <i>Biomedical Optics Express</i> , 2016, 7, 4472.	2.9	46
175	miR-491 regulates glioma cells proliferation by targeting TRIM28 in vitro. <i>BMC Neurology</i> , 2016, 16, 248.	1.8	28
176	Selective imaging and cancer cell death via pH switchable near-infrared fluorescence and photothermal effects. <i>Chemical Science</i> , 2016, 7, 5995-6005.	7.4	94
177	A Prognostic Model for Early Post-Treatment Outcome of Elderly Patients With Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2016, 95, 253-261.	1.3	26
178	Effectiveness of minocycline in acute white matter injury after intracerebral hemorrhage. <i>Journal of Neurosurgery</i> , 2016, 126, 1855-1862.	1.6	16
179	Distinct splicing signatures affect converged pathways in myelodysplastic syndrome patients carrying mutations in different splicing regulators. <i>Rna</i> , 2016, 22, 1535-1549.	3.5	40
180	Magnesium alloy covered stent for treatment of a lateral aneurysm model in rabbit common carotid artery: An in vivo study. <i>Scientific Reports</i> , 2016, 6, 37401.	3.3	16

#	ARTICLE	IF	CITATIONS
181	Near-infrared asymmetrical heptamethine cyanines specifically imaging cancer cells by sensing their acidic lysosomal lumen. <i>RSC Advances</i> , 2016, 6, 68220-68226.	3.6	1
182	Minocycline is effective in intracerebral hemorrhage by inhibition of apoptosis and autophagy. <i>Journal of the Neurological Sciences</i> , 2016, 371, 88-95.	0.6	30
183	Abscisic acid-induced cellular apoptosis and differentiation in glioma via the retinoid acid signaling pathway. <i>International Journal of Cancer</i> , 2016, 138, 1947-1958.	5.1	19
184	Effectiveness of 2-methoxyestradiol in alleviating angiogenesis induced by intracranial venous hypertension. <i>Journal of Neurosurgery</i> , 2016, 125, 746-753.	1.6	11
185	mRNA expression characteristics are different in irreversibly atrophic intrinsic muscles of the forepaw compared with reversibly atrophic biceps in a rat model of obstetric brachial plexus palsy (OBPP). <i>Journal of Muscle Research and Cell Motility</i> , 2016, 37, 17-25.	2.0	8
186	Activation of protease-activated receptor-2 is associated with increased expression of inflammatory factors in the adipose tissues of obese mice. <i>Molecular Medicine Reports</i> , 2015, 12, 6227-6234.	2.4	8
187	Classifying multiple types of hand motions using electrocorticography during intraoperative awake craniotomy and seizure monitoring processes—case studies. <i>Frontiers in Neuroscience</i> , 2015, 9, 353.	2.8	8
188	Combination genetic signature stratifies lower-grade gliomas better than histological grade. <i>Oncotarget</i> , 2015, 6, 20885-20901.	1.8	42
189	Assessing surgical treatment outcome following superficial temporal artery to middle cerebral artery bypass based on computational haemodynamic analysis. <i>Journal of Biomechanics</i> , 2015, 48, 4053-4058.	2.1	9
190	Molecular basis for 5-carboxycytosine recognition by RNA polymerase II elongation complex. <i>Nature</i> , 2015, 523, 621-625.	27.8	141
191	Expression profiles of MiRNAs for intrinsic musculature of the forepaw and biceps in the rat model simulating irreversible muscular atrophy of obstetric brachial plexus palsy. <i>Gene</i> , 2015, 565, 268-274.	2.2	8
192	Phosphodiesterase 5 Inhibitors for the Treatment of Erectile Dysfunction: A Trade-off Network Meta-analysis. <i>European Urology</i> , 2015, 68, 674-680.	1.9	91
193	Application of intraoperative motor evoked potential monitoring during giant internal carotid artery aneurysm surgery using prolonged temporary occlusion. <i>Acta Neurochirurgica</i> , 2015, 157, 1833-1840.	1.7	8
194	Influence of contralateral homologous cortices on motor cortical reorganization after brachial plexus injuries in rats. <i>Neuroscience Letters</i> , 2015, 606, 18-23.	2.1	5
195	Magnetic Resonance Standard for Cavernous Sinus Hemangiomas: Proposal for a Diagnostic Test. <i>European Neurology</i> , 2014, 72, 116-124.	1.4	15
196	Resveratrol Ameliorates Motor Neuron Degeneration and Improves Survival in SOD1 ^{G93A} Mouse Model of Amyotrophic Lateral Sclerosis. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	55
197	Motor Evoked Potential Monitoring During Surgery of Middle Cerebral Artery Aneurysms: A Cohort Study. <i>World Neurosurgery</i> , 2014, 82, 1091-1099.	1.3	39
198	Loss of CIC and FUBP1 expressions are potential markers of shorter time to recurrence in oligodendroglial tumors. <i>Modern Pathology</i> , 2014, 27, 332-342.	5.5	45

#	ARTICLE	IF	CITATIONS
199	Diagnosis and Surgical Treatment of Cavernous Sinus Angioleiomyoma: A Report of Four Cases. Japanese Journal of Clinical Oncology, 2014, 44, 1052-1057.	1.3	7
200	In-depth analysis of local recurrence of giant cell tumour of bone with soft tissue extension after intralesional curettage. Radiologia Medica, 2014, 119, 861-870.	7.7	9
201	The Application of Indocyanine Green Videoangiography in the Neurosurgery of Vascular Entities. World Neurosurgery, 2014, 82, e427-e428.	1.3	0
202	Gross Total Resection Plays a Leading Role in Survival of Patients with Glioblastoma Multiforme. World Neurosurgery, 2014, 82, e105-e107.	1.3	6
203	Triple-phase dynamic MRI: A new clue to predict malignant transformation of giant cell tumor of bone. European Journal of Radiology, 2014, 83, 354-359.	2.6	11
204	Reconsideration of Cavernous Sinus Surgeries. Neurosurgery, 2014, 61, 130-134.	1.1	4
205	Chapter 11: Data Acquisition and Preprocessing on Three Dimensional Medical Images. Science, Engineering, and Biology Informatics, 2014, , 305-321.	0.1	0
206	Central nervous system tumors: a single center pathology review of 34,140 cases over 60 years. BMC Clinical Pathology, 2013, 13, 14.	1.8	42
207	Rejuvenation Surgery Through Blepharoplasty Incision for Mild to Moderate Upper Eyelid Sagging in Older Asian Patients. Journal of Craniofacial Surgery, 2013, 24, 1731-1733.	0.7	4
208	Bypass or Not? Adjustment of Surgical Strategies According to Motor Evoked Potential Changes in Large Middle Cerebral Artery Aneurysm Surgery. World Neurosurgery, 2012, 77, 398.e1-398.e6.	1.3	12
209	Surgical Strategies in Treating Brainstem Cavernous Malformations. Neurosurgery, 2011, 68, 609-621.	1.1	74
210	Comments on Instrumentation in Neurosurgery. World Neurosurgery, 2011, 75, 14.	1.3	1
211	Consensuses and Controversies on Pineal Tumor Surgery. World Neurosurgery, 2010, 74, 446-447.	1.3	2
212	Reduced expression of LC3B-II and Beclin 1 in glioblastoma multiforme indicates a down-regulated autophagic capacity that relates to the progression of astrocytic tumors. Journal of Clinical Neuroscience, 2010, 17, 1515-1519.	1.5	129
213	Multiple dynamic cavernous malformations in a girl: long-term follow-up. World Neurosurgery, 2009, 72, 728-732.	1.3	8
214	LOCAL CHRONIC HYPOPERFUSION SECONDARY TO SINUS HIGH PRESSURE SEEMS TO BE MAINLY RESPONSIBLE FOR THE FORMATION OF INTRACRANIAL DURAL ARTERIOVENOUS FISTULA. Neurosurgery, 2009, 64, 973-983.	1.1	45
215	DIAGNOSIS AND MANAGEMENT OF INTRACRANIAL MALIGNANT PERIPHERAL NERVE SHEATH TUMORS. Neurosurgery, 2008, 62, 825-832.	1.1	40
216	Operative treatment of medial rotation contracture of the shoulder caused by obstetric brachial plexus palsy. Chinese Journal of Traumatology - English Edition, 2000, 3, 13-17.	1.4	4