

Jianguo Xu

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

2,005
citations

361413

20
h-index

345221

36
g-index

122
all docs

122
docs citations

122
times ranked

2539
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in gut microbiota and elevated serum bilirubin in primary biliary cholangitis patients treated with ursodeoxycholic acid. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13714.	3.4	16
2	Differentiation between Germinoma and Craniopharyngioma Using Radiomics-Based Machine Learning. <i>Journal of Personalized Medicine</i> , 2022, 12, 45.	2.5	8
3	Feature Pyramid Network With Level-Aware Attention for Meningioma Segmentation. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2022, 6, 1201-1210.	4.9	6
4	Nerve transfer with 3D-printed branch nerve conduits. <i>Burns and Trauma</i> , 2022, 10, tkac010.	4.9	4
5	Isoprenylcysteine carboxyl methyltransferase is critical for glioblastoma growth and survival by activating Ras/Raf/Mek/Erk. <i>Cancer Chemistry and Pharmacology</i> , 2022, 89, 401-411.	2.3	0
6	XGBoost Machine Learning Algorithm for Prediction of Outcome in Aneurysmal Subarachnoid Hemorrhage. <i>Neuropsychiatric Disease and Treatment</i> , 2022, Volume 18, 659-667.	2.2	23
7	Pigmented villonodular synovitis of the temporomandibular joint with skull base extension: a retrospective case series. <i>Scientific Reports</i> , 2022, 12, 5763.	3.3	1
8	Lactate Albumin Ratio Is Associated With Mortality in Patients With Moderate to Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2022, 13, 662385.	2.4	9
9	The role of chemotherapy in the treatment of adult medulloblastoma. <i>World Neurosurgery</i> , 2022, , .	1.3	0
10	LncRNA UCA1/miR-182-5p/MGMT axis modulates glioma cell sensitivity to temozolomide through MGMT-related DNA damage pathways. <i>Human Pathology</i> , 2022, 123, 59-73.	2.0	11
11	XGBoost Machine Learning Algorithm Performed Better Than Regression Models in Predicting Mortality of Moderate-to-Severe Traumatic Brain Injury. <i>World Neurosurgery</i> , 2022, 163, e617-e622.	1.3	24
12	A novel risk score for predicting hospital acquired pneumonia in aneurysmal subarachnoid hemorrhage patients. <i>International Immunopharmacology</i> , 2022, 108, 108845.	3.8	5
13	Recent incidence trend of elderly patients with glioblastoma in the United States, 2000â€“2017. <i>BMC Cancer</i> , 2021, 21, 54.	2.6	36
14	Tumor Acidity and Near-Infrared Light Responsive Dual Drug Delivery Polydopamine-Based Nanoparticles for Chemo-Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009733.	14.9	98
15	Administration of B7-H3 targeted chimeric antigen receptor-T cells induce regression of glioblastoma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 125.	17.1	41
16	NF-Î²-Induced Upregulation of miR-146a-5p Promoted Hippocampal Neuronal Oxidative Stress and Pyroptosis via TIGAR in a Model of Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 653881.	3.7	17
17	Rosuvastatin Nanomicelles Target Neuroinflammation and Improve Neurological Deficit in a Mouse Model of Intracerebral Hemorrhage. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2933-2947.	6.7	16
18	Therapeutic siCCR2 Loaded by Tetrahedral Framework DNA Nanorobotics in Therapy for Intracranial Hemorrhage. <i>Advanced Functional Materials</i> , 2021, 31, 2101435.	14.9	46

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19	Hyperoside Attenuate Inflammation in HT22 Cells via Upregulating SIRT1 to Activities Wnt/ β^2 -Catenin and Sonic Hedgehog Pathways. <i>Neural Plasticity</i> , 2021, 2021, 1-10.	2.2	24
20	Differentiation of Low-Grade Astrocytoma From Anaplastic Astrocytoma Using Radiomics-Based Machine Learning Techniques. <i>Frontiers in Oncology</i> , 2021, 11, 521313.	2.8	4
21	The predictors of clinical outcomes in brainstem arteriovenous malformations after stereotactic radiosurgery. <i>Medicine (United States)</i> , 2021, 100, e26203.	1.0	4
22	Nomograms for Predicting Overall Survival Among Patients with Craniopharyngiomas at Initial Diagnosis: A SEER Population-Based Analysis. <i>International Journal of General Medicine</i> , 2021, Volume 14, 3517-3527.	1.8	6
23	A Tumor-Specific Ferric-Coordinated Epigallocatechin-3-gallate cascade nanoreactor for glioblastoma therapy. <i>Journal of Advanced Research</i> , 2021, 34, 29-41.	9.5	22
24	Lateral Ventricular Meningiomas: Clinical Features, Radiological Findings and Long-Term Outcomes. <i>Cancer Management and Research</i> , 2021, Volume 13, 6089-6099.	1.9	5
25	Automatic Meningioma Segmentation and Grading Prediction: A Hybrid Deep-Learning Method. <i>Journal of Personalized Medicine</i> , 2021, 11, 786.	2.5	14
26	The prognostic value of cardiac troponin T in different age groups of traumatic brain injury patients. <i>Acta Neurologica Belgica</i> , 2021, , 1.	1.1	0
27	Machine Learning-Based Radiomics of the Optic Chiasm Predict Visual Outcome Following Pituitary Adenoma Surgery. <i>Journal of Personalized Medicine</i> , 2021, 11, 991.	2.5	4
28	Microneedle-mediated vascular endothelial growth factor delivery promotes angiogenesis and functional recovery after stroke. <i>Journal of Controlled Release</i> , 2021, 338, 610-622.	9.9	40
29	Development and evaluation of a novel biodegradable implants with excellent inflammatory response suppression effect by hot-melt extrusion. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 166, 105981.	4.0	3
30	Incidence and Burden of Acute Kidney Injury among Traumatic Brain-Injury Patients. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 4571-4580.	2.5	7
31	A Prognostic Model Incorporating Red Cell Distribution Width to Platelet Ratio for Patients with Traumatic Brain Injury. <i>Therapeutics and Clinical Risk Management</i> , 2021, Volume 17, 1239-1248.	2.0	4
32	Hyaluronic Acid-Conjugated Nanoparticles for the Targeted Delivery of Cabazitaxel to CD44-Overexpressing Glioblastoma Cells. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 595-605.	1.1	5
33	Serum Lactate Level in Early Stage Is Associated With Acute Kidney Injury in Traumatic Brain Injury Patients. <i>Frontiers in Surgery</i> , 2021, 8, 761166.	1.4	4
34	Characterization of novel CTNNB1 mutation in Craniopharyngioma by whole-genome sequencing. <i>Molecular Cancer</i> , 2021, 20, 168.	19.2	15
35	A Novel Circular RNA CircRFX3 Serves as a Sponge for MicroRNA-587 in Promoting Glioblastoma Progression via Regulating PDIA3. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 757260.	3.7	8
36	Lymphoplasmacyte-rich meningioma in the central nervous system. <i>Medicine (United States)</i> , 2021, 100, e27991.	1.0	4

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37	Texture Analysis of T1-Weighted Contrast-Enhanced Magnetic Resonance Imaging Potentially Predicts Outcomes of Patients with Non-“Wingless-Type/Non-“Sonic Hedgehog Medulloblastoma. <i>World Neurosurgery</i> , 2020, 137, e27-e33.	1.3	4
38	Pediatric meningiomas: 10-year experience with 39 patients. <i>Journal of Neuro-Oncology</i> , 2020, 149, 543-553.	2.9	8
39	Prognostic Role of MicroRNA 222 in Patients with Glioma: A Meta-analysis. <i>BioMed Research International</i> , 2020, 2020, 1-7.	1.9	4
40	The Inhibitory Effect of Carboplatin Injection on Human Neuroblastoma SK-N-SH. <i>Cell Transplantation</i> , 2020, 29, 096368972092081.	2.5	3
41	Tandem CAR-T cells targeting CD70 and B7-H3 exhibit potent preclinical activity against multiple solid tumors. <i>Theranostics</i> , 2020, 10, 7622-7634.	10.0	96
42	Insights Into Neuroimaging Findings of Patients With Coronavirus Disease 2019 Presenting With Neurological Manifestations. <i>Frontiers in Neurology</i> , 2020, 11, 593520.	2.4	9
43	Discrimination between pituitary adenoma and craniopharyngioma using MRI-based image features and texture features. <i>Japanese Journal of Radiology</i> , 2020, 38, 1125-1134.	2.4	13
44	Expression and clinical significance of PD-L1, B7-H3, B7-H4 and VISTA in craniopharyngioma. , 2020, 8, e000406.		25
45	MRI-Based Texture Features as Potential Prognostic Biomarkers in Anaplastic Astrocytoma Patients Undergoing Surgical Treatment. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-7.	0.8	1
46	MEK Inhibitor Augments Antitumor Activity of B7-H3-Redirected Bispecific Antibody. <i>Frontiers in Oncology</i> , 2020, 10, 1527.	2.8	16
47	Combination therapy with B7H3-redirected bispecific antibody and Sorafenib elicits enhanced synergistic antitumor efficacy. <i>Theranostics</i> , 2020, 10, 10498-10512.	10.0	13
48	B7-H3-Targeted CAR-T Cells Exhibit Potent Antitumor Effects on Hematologic and Solid Tumors. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 180-189.	4.4	67
49	CD47: the next checkpoint target for cancer immunotherapy. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 152, 103014.	4.4	52
50	Machine-Learning Classifiers in Discrimination of Lesions Located in the Anterior Skull Base. <i>Frontiers in Oncology</i> , 2020, 10, 752.	2.8	22
51	<p>Fabrication and Properties of a Biomimetic Dura Matter Substitute Based on Stereocomplex Poly(Lactic Acid) Nanofibers<p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3729-3740.	6.7	17
52	Bioactivity and safety of B7-3-targeted chimeric antigen receptor T cells against anaplastic meningioma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1137.	3.8	41
53	Radiomic Analysis of Craniopharyngioma and Meningioma in the Sellar/Parasellar Area with MR Images Features and Texture Features: A Feasible Study. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-9.	0.8	13
54	Methylene blue post-treatment improves hypoxia-ischemic recovery in a neonatal rat model. <i>Neurochemistry International</i> , 2020, 139, 104782.	3.8	5

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55	Serum bilirubin level correlates with mortality in patients with traumatic brain injury. <i>Medicine (United States)</i> , 2020, 99, e21020.	1.0	9
56	Controlling nutritional status (CONUT) score is a predictive marker for patients with traumatic brain injury. <i>Clinical Neurology and Neurosurgery</i> , 2020, 195, 105909.	1.4	9
57	The role of astrocytes in oxidative stress of central nervous system: A mixed blessing. <i>Cell Proliferation</i> , 2020, 53, e12781.	5.3	150
58	Endothelial Autophagy: an Effective Target for Radiation-induced Cerebral Capillary Damage. <i>Scientific Reports</i> , 2020, 10, 614.	3.3	11
59	Individualized management of giant anterior meningoceles-case series. <i>Medicine (United States)</i> , 2020, 99, e19631.	1.0	3
60	T cell stimulation and expansion by SunTag-based clustering of anti-CD3/CD28 scFv. <i>Aging</i> , 2020, 12, 11061-11070.	3.1	3
61	ATRT-03. IDENTIFICATION OF microRNA-BASED PROGNOSTIC BIOMARKERS AND CANDIDATE THERAPEUTIC AGENTS FOR ATYPICAL TERATOID/RHABDOID TUMOR. <i>Neuro-Oncology</i> , 2020, 22, iii275-iii276.	1.2	1
62	Melanotic Neuroectodermal Tumor of Infancy Arising in the Skull and Brain: A Systematic Review. <i>World Neurosurgery</i> , 2019, 130, 170-178.	1.3	14
63	The Diagnostic Value of MRI-Based Texture Analysis in Discrimination of Tumors Located in Posterior Fossa: A Preliminary Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 1113.	2.8	15
64	Intrasellar symptomatic salivary gland: case series and literature review. <i>Pituitary</i> , 2019, 22, 640-646.	2.9	6
65	ICMT contributes to hepatocellular carcinoma growth, survival, migration and chemoresistance via multiple oncogenic pathways. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 584-589.	2.1	17
66	Glioblastoma and Anaplastic Astrocytoma: Differentiation Using MRI Texture Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 876.	2.8	23
67	Prognostic role of early D-dimer level in patients with acute ischemic stroke. <i>PLoS ONE</i> , 2019, 14, e0211458.	2.5	21
68	Future Directions for Corticosteroids in Treatment of Sepsisâ€”Reply. <i>JAMA Internal Medicine</i> , 2019, 179, 845.	5.1	1
69	3D printing of nerve conduits with nanoparticle-encapsulated RGFP966. <i>Applied Materials Today</i> , 2019, 16, 247-256.	4.3	46
70	Development of a hybrid nanocarrier-recognizing tumor vasculature and penetrating the BBB for glioblastoma multi-targeting therapy. <i>Nanoscale</i> , 2019, 11, 11285-11304.	5.6	27
71	Frequent B7-H3 overexpression in craniopharyngioma. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 379-385.	2.1	10
72	Lateral Intraventricular Anaplastic Meningioma: A Series of 5 Patients at a Single Institution and Literature Review. <i>World Neurosurgery</i> , 2019, 131, e1-e11.	1.3	5

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73	Differentiation of Pituitary Adenoma from Rathke Cleft Cyst: Combining MR Image Features with Texture Features. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.8	11
74	Radiomics-Based Machine Learning Technology Enables Better Differentiation Between Glioblastoma and Anaplastic Oligodendroglioma. <i>Frontiers in Oncology</i> , 2019, 9, 1164.	2.8	27
75	The Diagnostic Value of Radiomics-Based Machine Learning in Predicting the Grade of Meningiomas Using Conventional Magnetic Resonance Imaging: A Preliminary Study. <i>Frontiers in Oncology</i> , 2019, 9, 1338.	2.8	64
76	Ability of Radiomics in Differentiation of Anaplastic Oligodendroglioma From Atypical Low-Grade Oligodendroglioma Using Machine-Learning Approach. <i>Frontiers in Oncology</i> , 2019, 9, 1371.	2.8	7
77	Association of Corticosteroid Treatment With Outcomes in Adult Patients With Sepsis. <i>JAMA Internal Medicine</i> , 2019, 179, 213.	5.1	117
78	An extremely rare giant skin cirroid angioma with brain compression. <i>Neurology</i> , 2018, 90, 481-481.	1.1	0
79	Risk Factors Analyses for Seizure Recurrence in Different Periods After Refractory Epilepsy Surgery: A Prospective Single-Center Study. <i>World Neurosurgery</i> , 2018, 112, e454-e464.	1.3	1
80	In Reply to the Letter to the Editor Regarding "World Health Organization Grade II Meningiomas: The Role of Adjuvant/Salvage Gamma Knife Surgery After Initial Surgery and Prognostic Factor Assessment" World Neurosurgery, 2018, 112, 305.	1.3	0
81	Diagnostic Performance of Increased Signal Intensity Within the Resection Cavity on Fluid-Attenuated Inversion Recovery Sequences for Detection of Progression in Patients with Glioma. <i>World Neurosurgery</i> , 2018, 110, 434-441.	1.3	5
82	Giant Pseudoaneurysm from Superficial Temporal Artery After Trauma. <i>World Neurosurgery</i> , 2018, 115, 264-265.	1.3	4
83	Prognostic role of survivin in patients with glioma. <i>Medicine (United States)</i> , 2018, 97, e0571.	1.0	30
84	A Rare Phantom Tentorial Lesion. <i>World Neurosurgery</i> , 2018, 116, 234-235.	1.3	1
85	MiR-30b-5p modulates glioma cell proliferation by direct targeting MTDH. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 947-952.	3.8	17
86	World Health Organization Grade II Meningiomas: The Role of Adjuvant/Salvage Gamma Knife Surgery After Initial Surgery and Prognostic Factor Assessment. <i>World Neurosurgery</i> , 2018, 109, e352-e362.	1.3	10
87	A giant solid cavernous hemangioma mimicking sphenoid wing meningioma in an adolescent. <i>Medicine (United States)</i> , 2018, 97, e13098.	1.0	10
88	Aspergillus Osteomyelitis of Clivus. <i>World Neurosurgery</i> , 2018, 120, 15-16.	1.3	4
89	Elevated level of D-dimer increases the risk of stroke. <i>Oncotarget</i> , 2018, 9, 2208-2219.	1.8	25
90	Growth hormone-secreting adenoma coexisted with gangliocytoma: a rare case. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 3785-3788.	0.5	1

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91	Effective improvement of the neuroprotective activity after spinal cord injury by synergistic effect of glucocorticoid with biodegradable amphipathic nanomicelles. <i>Drug Delivery</i> , 2017, 24, 391-401.	5.7	26
92	Letter to the Editor. Does preoperative NLR predict brain metastasis resections outcome?. <i>Journal of Neurosurgery</i> , 2017, 127, 446-447.	1.6	0
93	Rapid and accurate intraoperative pathological diagnosis by artificial intelligence with deep learning technology. <i>Medical Hypotheses</i> , 2017, 107, 98-99.	1.5	17
94	Clinical and prognostic role of annexin A2 in adamantinomatous craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2017, 131, 21-29.	2.9	11
95	Predictive value of preoperative retinal nerve fiber layer thickness for postoperative visual recovery in patients with chiasmal compression. <i>Oncotarget</i> , 2017, 8, 59148-59155.	1.8	10
96	Accuracy of Raman spectroscopy in differentiating brain tumor from normal brain tissue. <i>Oncotarget</i> , 2017, 8, 36824-36831.	1.8	42
97	Microsurgery for intracranial arteriovenous malformation: Long-term outcomes in 445 patients. <i>PLoS ONE</i> , 2017, 12, e0174325.	2.5	19
98	Prognostic role of neutrophil lymphocyte ratio in patients with glioma. <i>Oncotarget</i> , 2017, 8, 59217-59224.	1.8	20
99	Prognostic role of neutrophil lymphocyte ratio in patients with spontaneous intracerebral hemorrhage. <i>Oncotarget</i> , 2017, 8, 77752-77760.	1.8	16
100	Teaching Neuro <i>Images</i> : Spontaneous resolution of a giant intracranial arachnoid cyst. <i>Neurology</i> , 2016, 86, e199-200.	1.1	7
101	High FABP5 Versus CRABP II Expression Ratio in Recurrent Craniopharyngiomas: Implications for Future Treatment. <i>World Neurosurgery</i> , 2016, 94, 197-205.	1.3	3
102	Progesterone for Acute Traumatic Brain Injury: A Systematic Review of Randomized Controlled Trials. <i>PLoS ONE</i> , 2015, 10, e0140624.	2.5	20
103	Aberrant membranous expression of β -catenin predicts poor prognosis in patients with craniopharyngioma. <i>Annals of Diagnostic Pathology</i> , 2015, 19, 403-408.	1.3	19
104	Endovascular Treatment for Fusiform Dilation of Internal Carotid Artery Following Craniopharyngioma Resection. <i>Journal of Child Neurology</i> , 2015, 30, 1354-1356.	1.4	12
105	Novel nanoscale topography on poly(propylene carbonate)/poly(ϵ -caprolactone) electrospun nanofibers modifies osteogenic capacity of ADCs. <i>RSC Advances</i> , 2015, 5, 82834-82844.	3.6	18
106	Cerebellar meningeal melanocytoma associated with nevus of Ota. <i>Neurology</i> , 2015, 85, 555-556.	1.1	4
107	Successful Surgical Treatment of Mature Teratoma Arising From the Sella. <i>Journal of Clinical Medicine Research</i> , 2015, 7, 122-125.	1.2	2
108	Benign fibrous histiocytoma of the fronto-temporo-parietal region: a case report and review of the literature. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 15356-62.	0.5	0

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109	Angiomatous lesion and delayed cyst formation after gamma knife surgery for intracranial meningioma: case report and review of literatures. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 15433-6.	0.5	1
110	Relative quantitative expression of hypoxia-inducible factor 1 alpha messenger ribonucleic acid in recurrent craniopharyngiomas. <i>Neurology India</i> , 2014, 62, 53.	0.4	11
111	Mystery Case: Giant mature teratoma of the lateral ventricle in a child. <i>Neurology</i> , 2014, 83, e60-1.	1.1	1
112	Expression of β -amyloid precursor protein in refractory epilepsy. <i>Molecular Medicine Reports</i> , 2014, 9, 1242-1248.	2.4	29
113	Expression and inhibition of ADAMDEC1 in craniopharyngioma cells. <i>Neurological Research</i> , 2012, 34, 701-706.	1.3	14
114	Establishment of primary cultures of craniopharyngioma cells. <i>Neural Regeneration Research</i> , 2012, 7, 601-5.	3.0	2
115	Long-Term Results of Patients with Head Injuries Treated in Different Hospitals After the Wenchuan, China, Earthquake. <i>World Neurosurgery</i> , 2011, 75, 390-396.	1.3	8
116	The cell-cycle kinetics of craniopharyngioma and its clinical significance. <i>Journal of Neuro-Oncology</i> , 2010, 98, 71-76.	2.9	3
117	Expression of Human MCM6 and DNA Topo II β in craniopharyngiomas and its correlation with recurrence of the tumor. <i>Journal of Neuro-Oncology</i> , 2007, 83, 183-189.	2.9	13
118	Microvascular density and vascular endothelial growth factor have little correlation with prognosis of craniopharyngioma. <i>World Neurosurgery</i> , 2006, 66, S30-S34.	1.3	16
119	Angiogenesis and cell proliferation in human craniopharyngioma xenografts in nude mice. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 105, 306-310.	1.3	9