

Jie Tang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

457
citations

759233

12
h-index

794594

19
g-index

37
all docs

37
docs citations

37
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Bleeding contour detection for craniotomy. <i>Biomedical Signal Processing and Control</i> , 2022, 73, 103419.	5.7	3
2	Optimized Tractography Mapping and Quantitative Evaluation of Pyramidal Tracts for Surgical Resection of Insular Gliomas: a Correlative Study with Diffusion Tensor Imagingâ€œDerived Metrics and Patient Motor Strength. <i>Journal of Digital Imaging</i> , 2022, 35, 356-364.	2.9	5
3	Autonomous Robot for Removing Superficial Traumatic Blood. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2021, 9, 1-9.	3.7	11
4	Asymmetry in Cortical and Subcortical Structures of the Brain in Children and Adolescents with Attention-Deficit/Hyperactivity Disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 493-502.	2.2	5
5	Technique Nuances for Functional Preservation of Lower Cranial Nerves during Surgical Management of Ventral Foramen Magnum Meningiomas Via a Dorsal Lateral Approach. <i>World Neurosurgery</i> , 2021, 146, e1242-e1254.	1.3	1
6	Somatic <i>MAP3K3</i> and <i>PIK3CA</i> mutations in sporadic cerebral and spinal cord cavernous malformations. <i>Brain</i> , 2021, 144, 2648-2658.	7.6	52
7	Wearable Mixed-Reality Holographic Navigation Guiding the Management of Penetrating Intracranial Injury Caused by a Nail. <i>Journal of Digital Imaging</i> , 2021, 34, 362-366.	2.9	7
8	Biopsy Needle System With a Steerable Concentric Tube and Online Monitoring of Electrical Resistivity and Insertion Forces. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1702-1713.	4.2	10
9	Outcomes after semisitting and lateral positioning in large vestibular schwannoma surgery: A single-center comparison. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106768.	1.4	5
10	Center tracking for healthy and diseased cardia. <i>Science China Information Sciences</i> , 2021, 64, 1.	4.3	6
11	Surgical treatment of dumbbell-shaped jugular foramen schwannomas via two-piece lateral suboccipital approach: Report of 26 patients. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 32-37.	1.5	3
12	3D Spatial Positioning by Binocular Infrared Cameras. , 2021, , .		1
13	Letter to the editor: neurosurgical practice in COVID-19 pandemic: from the view of academic departments in India, Japan and China. <i>British Journal of Neurosurgery</i> , 2020, 34, 355-356.	0.8	1
14	A Position-Adjustable Multi-Point Synchronizing Biopsy Tool for Intratumor Heterogeneity: A Proof-of-Principle Study. <i>IEEE Access</i> , 2020, 8, 34431-34441.	4.2	2
15	A machine learning-based prediction model of H3K27M mutations in brainstem gliomas using conventional MRI and clinical features. <i>Radiotherapy and Oncology</i> , 2019, 130, 172-179.	0.6	42
16	Extensible and Compressible Continuum Robot: A Preliminary Result. , 2019, , .		7
17	Pentraxin 3, TNF- α , and LDL-C Are Associated With Carotid Artery Stenosis in Patients With Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 1365.	2.4	12
18	Optical coherence tomography for precision brain imaging, neurosurgical guidance and minimally invasive theranostics. <i>BioScience Trends</i> , 2018, 12, 12-23.	3.4	33

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19	History and current state of pediatric neurosurgery at Beijing Tiantan Hospital Neurosurgery Center. <i>Child's Nervous System</i> , 2018, 34, 797-803.	1.1	4
20	Evidence-based medicine in neurosurgery: an academic publication view. <i>Neurosurgical Review</i> , 2018, 41, 55-65.	2.4	9
21	Proposed Treatment Paradigm for Intracranial Chondrosarcomas Based on Multidisciplinary Coordination. <i>World Neurosurgery</i> , 2018, 109, e517-e530.	1.3	22
22	A Continuum Robot with Contractible and Extensible Length for Neurosurgery. , 2018, , .		13
23	Bioluminescence imaging and two-photon microscopy guided laser ablation of GBM decreases tumor burden. <i>Theranostics</i> , 2018, 8, 4072-4085.	10.0	20
24	A Soft Robotic Hand Pad with Active Balancing Contact Force of All Fingers. , 2018, , .		3
25	An unusual presentation of intracranial meningioma in Hajduâ€“Cheney syndrome. <i>Neurology India</i> , 2018, 66, 566.	0.4	0
26	Foramen magnum meningiomas: surgical results and risks predicting poor outcomes based on a modified classification. <i>Journal of Neurosurgery</i> , 2017, 126, 661-676.	1.6	19
27	Prognostic indicators of adult medullary gliomas after microsurgical treatment â€“ A retrospective analysis of 54 patients. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 122-127.	1.5	1
28	Brainstem gangliogliomas: prognostic factors, surgical indications and functional outcomes. <i>Journal of Neuro-Oncology</i> , 2016, 128, 445-453.	2.9	14
29	Floating autostereoscopic 3D display with multidimensional images for telesurgical visualization. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 207-215.	2.8	22
30	Microsurgical management of primary jugular foramen meningiomas: a series of 22 cases and review of the literature. <i>Neurosurgical Review</i> , 2016, 39, 671-683.	2.4	5
31	Long-Term Functional and Recurrence Outcomes of Surgically Treated Jugular Foramen Schwannomas: A 20-Year Experience. <i>World Neurosurgery</i> , 2016, 86, 134-146.	1.3	15
32	Less-aggressive surgical management and long-term outcomes of jugular foramen paragangliomas: a neurosurgical perspective. <i>Journal of Neurosurgery</i> , 2016, 125, 1143-1154.	1.6	15
33	Surgical management of medium and large petroclival meningiomas: a single institutionâ€™s experience of 199 cases with long-term follow-up. <i>Acta Neurochirurgica</i> , 2016, 158, 409-425.	1.7	32
34	Automatic laser ablation control algorithm for an novel endoscopic laser ablation end effector for precision neurosurgery. , 2015, , .		19
35	Clinical characteristics and prognosis factors analysis for post-operative ptosis of sphenocavernous meningiomas: A single institution study. <i>Clinical Neurology and Neurosurgery</i> , 2015, 131, 35-41.	1.4	6
36	Neurosurgery Center of Beijing Tiantan Hospital, Flagship of Neurosurgery in China. <i>World Neurosurgery</i> , 2011, 75, 377-382.	1.3	8

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37	The germinomas arising from the basal ganglia and thalamus. <i>Child's Nervous System</i> , 2008, 24, 303-306.	1.1	24