

Puneet Plaha

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,488
citations

361413

20
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

2855
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of the caudal zona incerta is superior to stimulation of the subthalamic nucleus in improving contralateral parkinsonism. <i>Brain</i> , 2006, 129, 1732-1747.	7.6	471
2	Bilateral deep brain stimulation of the pedunculopontine nucleus for Parkinson's disease. <i>NeuroReport</i> , 2005, 16, 1883-1887.	1.2	420
3	Intrapatamenal infusion of glial cell lineâ€‘derived neurotrophic factor in PD: A twoâ€‘year outcome study. <i>Annals of Neurology</i> , 2005, 57, 298-302.	5.3	343
4	Glial cell lineâ€‘derived neurotrophic factor induces neuronal sprouting in human brain. <i>Nature Medicine</i> , 2005, 11, 703-704.	30.7	256
5	Stimulation of the subthalamic region for essential tremor. <i>Journal of Neurosurgery</i> , 2004, 101, 48-54.	1.6	124
6	Noninvasive Quantification of 2-Hydroxyglutarate in Human Gliomas with IDH1 and IDH2 Mutations. <i>Cancer Research</i> , 2016, 76, 43-49.	0.9	108
7	Bilateral caudal zona incerta nucleus stimulation for essential tremor: outcome and quality of life. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 899-904.	1.9	81
8	Outcomes from stimulation of the caudal zona incerta and pedunculopontine nucleus in patients with Parkinson's disease. <i>British Journal of Neurosurgery</i> , 2011, 25, 273-280.	0.8	61
9	Advances in the management of glioblastoma. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1103-1111.	1.9	58
10	MAGNETIC RESONANCE IMAGING-DIRECTED METHOD FOR FUNCTIONAL NEUROSURGERY USING IMPLANTABLE GUIDE TUBES. <i>Operative Neurosurgery</i> , 2007, 61, 358-366.	0.8	50
11	Outcome in surgically treated Rathke's cleft cysts: long-term monitoring needed. <i>European Journal of Endocrinology</i> , 2011, 165, 33-37.	3.7	38
12	Group II Metabotropic Glutamate Receptors Mediate Presynaptic Inhibition of Excitatory Transmission in Pyramidal Neurons of the Human Cerebral Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 508.	3.7	34
13	Brain white matter fibre tracts: a review of functional neuro-oncological relevance. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 1017-1025.	1.9	32
14	Metabolite-cycled density-weighted concentric rings k-space trajectory (DW-CRT) enables high-resolution 1â€‘H magnetic resonance spectroscopic imaging at 3-Tesla. <i>Scientific Reports</i> , 2018, 8, 7792.	3.3	28
15	Rapid intraoperative molecular genetic classification of gliomas using Raman spectroscopy. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz008.	0.7	27
16	Clinical outcomes from bilateral versus unilateral stimulation of the pedunculopontine nucleus with and without concomitant caudal zona incerta region stimulation in Parkinson's disease. <i>British Journal of Neurosurgery</i> , 2012, 26, 722-725.	0.8	26
17	A comparison of 2â€‘hydroxyglutarate detection at 3 and 7ÂˆT with longâ€‘TE semiâ€‘LASER. <i>NMR in Biomedicine</i> , 2018, 31, e3886.	2.8	25
18	Transsphenoidal pituitary surgery in the elderly is safe and effective. <i>British Journal of Neurosurgery</i> , 2014, 28, 616-621.	0.8	23

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19	Fast Track Recovery Program After Endoscopic and Awake Intraparenchymal Brain Tumor Surgery. <i>World Neurosurgery</i> , 2016, 93, 246-252.	1.3	23
20	Minimally Invasive Endoscopic Resection of Intraparenchymal Brain Tumors. <i>World Neurosurgery</i> , 2014, 82, 1198-1208.	1.3	22
21	A Noninvasive Comparison Study between Human Gliomas with IDH1 and IDH2 Mutations by MR Spectroscopy. <i>Metabolites</i> , 2019, 9, 35.	2.9	22
22	Improved Localization for 2-Hydroxyglutarate Detection at 3 T Using Long-TE Semi-LASER. <i>Tomography</i> , 2016, 2, 94-105.	1.8	22
23	Raman spectroscopy to differentiate between fresh tissue samples of glioma and normal brain: a comparison with 5-ALA-induced fluorescence-guided surgery. <i>Journal of Neurosurgery</i> , 2020, , 1-11.	1.6	21
24	Impact of COVID-19 pandemic on surgical neuro-oncology multi-disciplinary team decision making: a national survey (COVID-CNSMDT Study). <i>BMJ Open</i> , 2020, 10, e040898.	1.9	20
25	Hypophyseal Wegener's granulomatosis presenting by visual field constriction without hypopituitarism. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 762-764.	1.4	16
26	Spontaneous regression of a third ventricle colloid cyst. <i>British Journal of Neurosurgery</i> , 2011, 25, 655-657.	0.8	14
27	Presurgical Localization of the Primary Sensorimotor Cortex in Gliomas. <i>Clinical Neuroradiology</i> , 2021, 31, 245-256.	1.9	13
28	Implementing novel trial methods to evaluate surgery for essential tremor. <i>British Journal of Neurosurgery</i> , 2015, 29, 334-339.	0.8	11
29	Diffusion tractography for awake craniotomy: accuracy and factors affecting specificity. <i>Journal of Neuro-Oncology</i> , 2021, 153, 547-557.	2.9	11
30	Characterising neural plasticity at the single patient level using connectivity fingerprints. <i>NeuroImage: Clinical</i> , 2019, 24, 101952.	2.7	9
31	Tonic GABA _A Receptor-Mediated Currents of Human Cortical GABAergic Interneurons Vary Amongst Cell Types. <i>Journal of Neuroscience</i> , 2021, 41, 9702-9719.	3.6	9
32	VCAM-1-targeted MRI Improves Detection of the Tumor-brain Interface. <i>Clinical Cancer Research</i> , 2022, 28, 2385-2396.	7.0	7
33	Development of "Core Outcome Sets"™ for Meningioma in Clinical Studies (The COSMIC Project): protocol for two systematic literature reviews, eDelphi surveys and online consensus meetings. <i>BMJ Open</i> , 2022, 12, e057384.	1.9	7
34	Endoscopy in Temporal Lobe Glioma and Metastasis Resection: Is There a Role?. <i>World Neurosurgery</i> , 2018, 117, e238-e251.	1.3	6
35	Caudal Zona Incerta as an Alternative Target for the Treatment of Tremor with Deep Brain Stimulation. <i>European Neurological Review</i> , 2009, 4, 91.	0.5	6
36	An unusual presentation of a dural arteriovenous fistula of the sphenoparietal sinus. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, e12-e12.	3.3	5

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37	CovidNeuroOnc: A UK multicenter, prospective cohort study of the impact of the COVID-19 pandemic on the neuro-oncology service. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab014.	0.7	5
38	Implantation of Deep Brain Stimulation Electrodes in Unshaved Patients. <i>Journal of Neurosurgery</i> , 2003, 99, 207-8; author reply 208-9.	1.6	4
39	Endoscopic washout for medically refractory cerebral ventriculitis. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 523-526.	0.6	3
40	Endoscopic Ipsilateral Interhemispheric Approach for Resection of Selected Deep Medial Brain Tumors. <i>World Neurosurgery</i> , 2020, 144, 162-169.	1.3	3
41	COVID-legal study: neurosurgeon experience in Britain during the first phase of the COVID-19 pandemic – medico-legal considerations. <i>British Journal of Neurosurgery</i> , 2021, 35, 547-550.	0.8	3
42	Surgical and oncological score to estimate the survival benefit of resection and chemoradiotherapy in elderly (≥70 years) glioblastoma patients: a preliminary analysis. <i>Neuro-Oncology Advances</i> , 2022, 4, vda007.	0.7	3
43	Progressive dysphagia without dysarthria. <i>Practical Neurology</i> , 2013, 13, 197-197.	1.1	2
44	Pitfalls regarding the neurosurgical management of traumatic supra and infratentorial extradural haematomas. <i>Neurosurgical Review</i> , 2021, 44, 2959-2961.	2.4	2
45	Tracking longitudinal language network reorganisation using functional MRI connectivity fingerprints. <i>NeuroImage: Clinical</i> , 2021, 30, 102689.	2.7	2
46	Differential effects of group III metabotropic glutamate receptors on spontaneous inhibitory synaptic currents in spine-innervating double bouquet and parvalbumin-expressing dendrite-targeting GABAergic interneurons in human neocortex. <i>Cerebral Cortex</i> , 2023, 33, 2101-2142.	2.9	2
47	Deep Brain Stimulation of the Pedunculopontine Nucleus in Combination with the Caudal Zona Incerta for the Treatment of Axial Symptoms in Parkinson's Disease. <i>Neurosurgery</i> , 2009, 65, 423-424.	1.1	1
48	FUNCTIONALLY GUIDED SUPRAMAXIMAL RESECTION OF IDH-WILDTYPE GLIOBLASTOMAS AND THE EFFECT ON PROGRESSION FREE SURVIVAL. <i>Neuro-Oncology</i> , 2018, 20, v346-v347.	1.2	1
49	Unsilencing the right hemisphere: new insights from awake neurosurgery. <i>Brain</i> , 2019, 142, 2176-2178.	7.6	1
50	Pedunculopontine nucleus DBS in advanced Parkinson's disease. , 2009, , 27-34.		1
51	COVID-15. COVIDNEUROONC: A UK MULTI-CENTRE, PROSPECTIVE COHORT STUDY OF THE IMPACT OF THE COVID-19 PANDEMIC ON THE NEURO-ONCOLOGY SERVICE. <i>Neuro-Oncology</i> , 2020, 22, ii23-ii24.	1.2	1
52	Deep Brain Stimulation of the Pedunculopontine Nucleus and Subthalamic Region. <i>Neurosurgery</i> , 2010, 67, 557.	1.1	0
53	Reaching the Edge of Diffuse Gliomas: Are We There Yet?. <i>World Neurosurgery</i> , 2018, 114, 142-143.	1.3	0
54	RAPID GENETIC CLASSIFICATION OF GLIOMAS USING RAMAN SPECTROSCOPY. <i>Neuro-Oncology</i> , 2018, 20, v346-v346.	1.2	0

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55	Surgical Issues in the Management of Head-Injured Patients. , 2020, , 207-221.		0