

Ali Rezai

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,073
citations

257450

24
h-index

243625

44
g-index

51
all docs

51
docs citations

51
times ranked

3537
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Brain Stimulation for Parkinson Disease. Archives of Neurology, 2011, 68, 165.	4.5	776
2	Complications of Deep Brain Stimulation Surgery. Stereotactic and Functional Neurosurgery, 2001, 77, 73-78.	1.5	298
3	A functional neuroimaging investigation of deep brain stimulation in patients with obsessive-compulsive disorder. Journal of Neurosurgery, 2006, 104, 558-565.	1.6	234
4	A Review of the Current Therapies, Challenges, and Future Directions of Transcranial Focused Ultrasound Technology. JAMA Neurology, 2018, 75, 246.	9.0	176
5	Electrical Stimulation of Sphenopalatine Ganglion for Acute Treatment of Cluster Headaches. Headache, 2010, 50, 1164-1174.	3.9	159
6	Acute Treatment of Intractable Migraine With Sphenopalatine Ganglion Electrical Stimulation. Headache, 2009, 49, 983-989.	3.9	124
7	Exploratory and Confirmatory Factor Analysis of the Autism Diagnostic Interview-Revised. Journal of Autism and Developmental Disorders, 2008, 38, 474-480.	2.7	99
8	The Significance of Subarachnoid Hemorrhage after Penetrating Craniocerebral Injury. Neurosurgery, 1993, 32, 532-540.	1.1	91
9	EEG and evoked potential recording from the subthalamic nucleus for deep brain stimulation of intractable epilepsy. Clinical Neurophysiology, 2002, 113, 1391-1402.	1.5	80
10	Perioperative Events During Deep Brain Stimulation: The Experience at Cleveland Clinic. Journal of Neurosurgical Anesthesiology, 2008, 20, 36-40.	1.2	74
11	Prospective Tractography-Based Targeting for Improved Safety of Focused Ultrasound Thalamotomy. Neurosurgery, 2019, 84, 160-168.	1.1	73
12	Neurological adverse event profile of magnetic resonance imaging-guided focused ultrasound thalamotomy for essential tremor. Movement Disorders, 2018, 33, 843-847.	3.9	72
13	Chronic electrical stimulation of the contralesional lateral cerebellar nucleus enhances recovery of motor function after cerebral ischemia in rats. Brain Research, 2009, 1280, 107-116.	2.2	71
14	Autism Spectrum Disorders as a Qualitatively Distinct Category From Typical Behavior in a Large, Clinically Ascertained Sample. Assessment, 2010, 17, 308-320.	3.1	69
15	Transient, symptomatic, post-operative, non-infectious hypodensity around the deep brain stimulation (DBS) electrode. Journal of Clinical Neuroscience, 2011, 18, 910-915.	1.5	53
16	Blood-Brain Barrier Opening with MRI-guided Focused Ultrasound Elicits Meningeal Venous Permeability in Humans with Early Alzheimer Disease. Radiology, 2021, 298, 654-662.	7.3	53
17	Functional topography of the ventral striatum and anterior limb of the internal capsule determined by electrical stimulation of awake patients. Clinical Neurophysiology, 2009, 120, 1941-1948.	1.5	46
18	<p><p>Evaluations of Commercial Sleep Technologies for Objective Monitoring During Routine Sleeping Conditions</p>. Nature and Science of Sleep, 2020, Volume 12, 821-842.	2.7	46

#	ARTICLE	IF	CITATIONS
19	Deep brain stimulation of globus pallidus internus for dystonia. <i>Parkinsonism and Related Disorders</i> , 2007, 13, 261-265.	2.2	41
20	Accuracy and precision of targeting using frameless stereotactic system in deep brain stimulator implantation surgery. <i>Neurology India</i> , 2014, 62, 503.	0.4	40
21	Clinically Significant Gains in Skillful Grasp Coordination by an Individual With Tetraplegia Using an Implanted Brain-Computer Interface With Forearm Transcutaneous Muscle Stimulation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 1201-1217.	0.9	39
22	Research design considerations for randomized controlled trials of spinal cord stimulation for pain: Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials/Institute of Neuromodulation/International Neuromodulation Society recommendations. <i>Pain</i> , 2021, 162, 1935-1956.	4.2	38
23	Evidence accumulation relates to perceptual consciousness and monitoring. <i>Nature Communications</i> , 2021, 12, 3261.	12.8	38
24	Intracranial Air Correlates with Preoperative Cerebral Atrophy and Stereotactic Error during Bilateral STN DBS Surgery for Parkinson's Disease. <i>Stereotactic and Functional Neurosurgery</i> , 2011, 89, 246-252.	1.5	36
25	Predictors of Outcomes After Focused Ultrasound Thalamotomy. <i>Neurosurgery</i> , 2020, 87, 229-237.	1.1	34
26	Brain stimulation: current applications and future prospects. <i>Thalamus & Related Systems</i> , 2001, 1, 255.	0.5	20
27	Dexmedetomidine for deep brain stimulator placement in a child with primary generalized dystonia: case report and literature review. <i>Journal of Clinical Anesthesia</i> , 2009, 21, 213-216.	1.6	20
28	Standard guidelines for publication of deep brain stimulation studies in Parkinson's disease (Guide4DBSâ€”PD). <i>Movement Disorders</i> , 2010, 25, 1530-1537.	3.9	20
29	Modulation of mind: therapeutic neuromodulation for cognitive disability. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1473-1477.	1.5	19
30	MEDIATION OF THE ANTIPROLIFERATIVE EFFECT OF CYCLOSPORINE ON HUMAN LYMPHOCYTES BY BLOCKADE OF INTERLEUKIN 2 BIOSYNTHESIS. <i>Transplantation</i> , 1985, 39, 439-442.	1.0	18
31	Delayed awakening in dystonia patients undergoing deep brain stimulation surgery. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 865-868.	1.5	16
32	Enhancing analgesic spinal cord stimulation for chronic pain with personalized immersive virtual reality. <i>Pain</i> , 2021, 162, 1641-1649.	4.2	16
33	Assessment of Potential Targets for Deep Brain Stimulation in Patients With Alzheimer's Disease. <i>Journal of Clinical Medicine Research</i> , 2015, 7, 501-505.	1.2	16
34	Long-Term Effects of Deep Brain Stimulation for Essential Tremor with Subjective and Objective Quantification via Mailed-In Questionnaires. <i>Stereotactic and Functional Neurosurgery</i> , 2012, 90, 394-400.	1.5	13
35	Systematic Review of Research Methods and Reporting Quality of Randomized Clinical Trials of Spinal Cord Stimulation for Pain. <i>Journal of Pain</i> , 2021, 22, 127-142.	1.4	9
36	Connectivity-based selection of optimal deep brain stimulation contacts: A feasibility study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1142-1150.	3.7	8

#	ARTICLE	IF	CITATIONS
37	Efficient Oct Image Segmentation Using Neural Architecture Search. , 2020, , .		7
38	Deep brain stimulation (DBS), lead migration, and the stimloc cap: Complication avoidance. Neurology India, 2014, 62, 703.	0.4	5
39	Practical considerations and nuances in anesthesia for patients undergoing deep brain stimulation implantation surgery. Korean Journal of Anesthesiology, 2015, 68, 332.	2.5	5
40	Deep Brain Stimulation for Refractory Depression, Obsessive-Compulsive Disorder and Addiction. Neurology India, 2020, 68, 282.	0.4	5
41	DBS for Neurobehavioral Disorders. Stereotactic and Functional Neurosurgery, 2009, 87, 267-267.	1.5	4
42	Successful subthalamic nucleus deep brain stimulation therapy after significant lead displacement from a subdural hematoma. Journal of Clinical Neuroscience, 2015, 22, 387-390.	1.5	4
43	Bilateral Subthalamic Deep Brain Stimulation after Bilateral Pallidal Deep Brain Stimulation for Parkinsonâ€™s Disease. Stereotactic and Functional Neurosurgery, 2011, 89, 123-127.	1.5	3
44	Physician Response to Medtronic's Position on the Use of Off-label Medications in the Synchronmed Pump. Neuromodulation, 2013, 16, 398-400.	0.8	2
45	0038 Sleeping with Low Levels of Artificial Light at Night Increases Systemic Inflammation in Humans. Sleep, 2019, 42, A15-A16.	1.1	2
46	Superresolution and Segmentation of OCT Scans Using Multi-Stage Adversarial Guided Attention Training. , 2022, , .		1
47	MRI-guided procedures for the management of chronic pain. Techniques in Regional Anesthesia and Pain Management, 2007, 11, 113-119.	0.2	0
48	The recent renaissance in the neurosurgical management of PD can be attributed to advances in imaging. Neurosurgery, 1998, 43, 1015-1015.	1.1	0
49	Non-motor effects of subthalamic nucleus stimulation in Parkinson patients. Brain Imaging and Behavior, 2022, 16, 161-168.	2.1	0
50	Ubiquitous Physiological Prediction of SUD Patientsâ€™ Wellness State Using Memory-Based Convolutional Models. , 2022, , .		0
51	Abstract 3461: Focused ultrasound induced blood-tumor barrier permeability of combinatorial chemotherapy. Cancer Research, 2022, 82, 3461-3461.	0.9	0