

Benjamin Davidson

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

829
citations

840585

11
h-index

526166

27
g-index

31
all docs

31
docs citations

31
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Technology of deep brain stimulation: current status and future directions. <i>Nature Reviews Neurology</i> , 2021, 17, 75-87.	4.9	341
2	Safety and efficacy of focused ultrasound induced blood-brain barrier opening, an integrative review of animal and human studies. <i>Journal of Controlled Release</i> , 2019, 309, 25-36.	4.8	85
3	Spontaneous Intracranial Hypotension: A Review and Introduction of an Algorithm For Management. <i>World Neurosurgery</i> , 2017, 101, 343-349.	0.7	63
4	Management of peripheral nerve sheath tumors: 17 years of experience at Toronto Western Hospital. <i>Journal of Neurosurgery</i> , 2018, 128, 1226-1234.	0.9	57
5	Magnetic resonance-guided focused ultrasound capsulotomy for refractory obsessive compulsive disorder and major depressive disorder: clinical and imaging results from two phase I trials. <i>Molecular Psychiatry</i> , 2020, 25, 1946-1957.	4.1	53
6	Neuromodulation Strategies in Post-Traumatic Stress Disorder: From Preclinical Models to Clinical Applications. <i>Brain Sciences</i> , 2019, 9, 45.	1.1	22
7	Popularity of Online Multimedia Educational Resources in Neurosurgery: Insights from The Neurosurgical Atlas Project. <i>Journal of Surgical Education</i> , 2018, 75, 1615-1623.	1.2	21
8	Patient With Posttraumatic Stress Disorder Successfully Treated With Deep Brain Stimulation of the Medial Prefrontal Cortex and Uncinate Fasciculus. <i>Biological Psychiatry</i> , 2020, 88, e57-e59.	0.7	21
9	Magnetic Resonance-Guided Focused Ultrasound Capsulotomy for Treatment-Resistant Psychiatric Disorders. <i>Operative Neurosurgery</i> , 2020, 19, 741-749.	0.4	19
10	Editorial. An ethical framework for deep brain stimulation in children. <i>Neurosurgical Focus</i> , 2018, 45, E11.	1.0	16
11	Treating Post-traumatic Stress Disorder with Neuromodulation Therapies: Transcranial Magnetic Stimulation, Transcranial Direct Current Stimulation, and Deep Brain Stimulation. <i>Neurotherapeutics</i> , 2020, 17, 1747-1756.	2.1	16
12	Three-Tesla Magnetic Resonance Imaging of Patients With Deep Brain Stimulators: Results From a Phantom Study and a Pilot Study in Patients. <i>Neurosurgery</i> , 2021, 88, 349-355.	0.6	13
13	Lack of clinical response to deep brain stimulation of the medial forebrain bundle in depression. <i>Brain Stimulation</i> , 2020, 13, 1268-1270.	0.7	13
14	Examining cognitive change in magnetic resonance-guided focused ultrasound capsulotomy for psychiatric illness. <i>Translational Psychiatry</i> , 2020, 10, 397.	2.4	11
15	A systematic review on neuromodulation therapies for reducing body weight in patients with obesity. <i>Obesity Reviews</i> , 2021, 22, e13309.	3.1	11
16	Cost-effectiveness analysis of MR-guided focused ultrasound thalamotomy for tremor-dominant Parkinson's disease. <i>Journal of Neurosurgery</i> , 2020, 135, 273-278.	0.9	10
17	Neuromodulation for major depressive disorder: innovative measures to capture efficacy and outcomes. <i>Lancet Psychiatry</i> , 2020, 7, 1075-1080.	3.7	8
18	Technical and radiographic considerations for magnetic resonance imaging-guided focused ultrasound capsulotomy. <i>Journal of Neurosurgery</i> , 2020, 135, 291-299.	0.9	8

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19	Magnetic Resonanceâ€“Guided Focused Ultrasound for Psychiatric Disorders. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 720-722.	2.3	7
20	Studying Behaviors Among Neurosurgery Residents Using Web 2.0 Analytic Tools. <i>Journal of Surgical Education</i> , 2017, 74, 1088-1093.	1.2	6
21	Technical Note: An anthropomorphic phantom with implanted neurostimulator for investigation of MRI safety. <i>Medical Physics</i> , 2020, 47, 3745-3751.	1.6	5
22	Lesional psychiatric neurosurgery: meta-analysis of clinical outcomes using a transdiagnostic approach. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 207-215.	0.9	5
23	Predicting response to psychiatric surgery: a systematic review of neuroimaging findings. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 387-394.	1.4	4
24	Psychiatric neuromodulation: the underappreciated importance of pre- and post-treatment care. <i>Molecular Psychiatry</i> , 2021, 26, 366-369.	4.1	4
25	The Crucial Role of Eosinophils in the Life Cycle, Radiographical Architecture, and Risk of Recurrence of Chronic Subdural Hematomas. <i>Neurotrauma Reports</i> , 2021, 2, 76-83.	0.5	4
26	Magnetic Resonanceâ€“Guided Focused Ultrasound Capsulotomy for Musical Obsessions. <i>Biological Psychiatry</i> , 2021, 90, e49-e50.	0.7	2
27	Commonly used outcome measures in neurosurgical trials for major depressive disorder might not capture clinically meaningful treatment effects. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, , jnnp-2021-327688.	0.9	2
28	Behaviour outcomes in children with epilepsy 1 year after surgical resection of the ventromedial prefrontal cortex. <i>Neuropsychologia</i> , 2019, 133, 107155.	0.7	1
29	Improving access to selective dorsal rhizotomy for children with cerebral palsy. <i>Cmaj</i> , 2019, 191, E1205-E1206.	0.9	1
30	Relevance of tissue eosinophilia in subdural hematomata. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, S9-S9.	0.3	0
31	An Unusual Case of Deep Brain Stimulation Wound Infection Secondary to COVID-19 Mask-Related Friction. <i>Stereotactic and Functional Neurosurgery</i> , 2021, , 1-3.	0.8	0