

Clement Hamani

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

12,462
citations

50276

46
h-index

26613

107
g-index

142
all docs

142
docs citations

142
times ranked

10770
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Brain Stimulation for Treatment-Resistant Depression. <i>Neuron</i> , 2005, 45, 651-660.	8.1	3,560
2	Subcallosal Cingulate Gyrus Deep Brain Stimulation for Treatment-Resistant Depression. <i>Biological Psychiatry</i> , 2008, 64, 461-467.	1.3	865
3	The subthalamic nucleus in the context of movement disorders. <i>Brain</i> , 2004, 127, 4-20.	7.6	507
4	Memory enhancement induced by hypothalamic/fornix deep brain stimulation. <i>Annals of Neurology</i> , 2008, 63, 119-123.	5.3	455
5	Pedunculopontine Nucleus Region Deep Brain Stimulation in Parkinson Disease: Surgical Anatomy and Terminology. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 298-306.	1.5	452
6	The Subcallosal Cingulate Gyrus in the Context of Major Depression. <i>Biological Psychiatry</i> , 2011, 69, 301-308.	1.3	404
7	Subcallosal cingulate deep brain stimulation for treatment-resistant depression: a multisite, randomised, sham-controlled trial. <i>Lancet Psychiatry</i> , 2017, 4, 839-849.	7.4	382
8	First-in-human trial of blood-brain barrier opening in amyotrophic lateral sclerosis using MR-guided focused ultrasound. <i>Nature Communications</i> , 2019, 10, 4373.	12.8	312
9	Antidepressant-Like Effects of Medial Prefrontal Cortex Deep Brain Stimulation in Rats. <i>Biological Psychiatry</i> , 2010, 67, 117-124.	1.3	284
10	Subcallosal cingulate deep brain stimulation for treatment-refractory anorexia nervosa: a phase 1 pilot trial. <i>Lancet</i> , 2013, 381, 1361-1370.	13.7	236
11	Bilateral Subthalamic Nucleus Stimulation for Parkinson's Disease: A Systematic Review of the Clinical Literature. <i>Neurosurgery</i> , 2005, 56, 1313-1324.	1.1	229
12	Efficacy and safety of motor cortex stimulation for chronic neuropathic pain: critical review of the literature. <i>Journal of Neurosurgery</i> , 2009, 110, 251-256.	1.6	211
13	Hardware-Related Complications of Deep Brain Stimulation: A Review of the Published Literature. <i>Stereotactic and Functional Neurosurgery</i> , 2006, 84, 248-251.	1.5	197
14	Deep brain stimulation for chronic neuropathic pain: Long-term outcome and the incidence of insertional effect. <i>Pain</i> , 2006, 125, 188-196.	4.2	180
15	Neuromodulation for chronic pain. <i>Lancet</i> , 2021, 397, 2111-2124.	13.7	180
16	Deep brain stimulation of the subcallosal cingulate gyrus for depression: anatomical location of active contacts in clinical responders and a suggested guideline for targeting. <i>Journal of Neurosurgery</i> , 2009, 111, 1209-1215.	1.6	143
17	Deep Brain Stimulation Reverses Anhedonic-Like Behavior in a Chronic Model of Depression: Role of Serotonin and Brain Derived Neurotrophic Factor. <i>Biological Psychiatry</i> , 2012, 71, 30-35.	1.3	142
18	Effects of different stimulation parameters on the antidepressant-like response of medial prefrontal cortex deep brain stimulation in rats. <i>Journal of Psychiatric Research</i> , 2010, 44, 683-687.	3.1	128

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19	Deep Brain Stimulation for Psychiatric Disease: Contributions and Validity of Animal Models. <i>Science Translational Medicine</i> , 2012, 4, 142rv8.	12.4	124
20	Deep brain stimulation of the anterior nucleus of the thalamus: Effects of electrical stimulation on pilocarpine-induced seizures and status epilepticus. <i>Epilepsy Research</i> , 2008, 78, 117-123.	1.6	113
21	Subthalamic Nucleus Deep Brain Stimulation: Basic Concepts and Novel Perspectives. <i>ENeuro</i> , 2017, 4, ENEURO.0140-17.2017.	1.9	106
22	DEEP BRAIN STIMULATION FOR THE TREATMENT OF EPILEPSY. <i>International Journal of Neural Systems</i> , 2009, 19, 213-226.	5.2	105
23	Memory rescue and enhanced neurogenesis following electrical stimulation of the anterior thalamus in rats treated with corticosterone. <i>Experimental Neurology</i> , 2011, 232, 100-104.	4.1	97
24	Imaging Striatal Microglial Activation in Patients with Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0138721.	2.5	95
25	Deep Brain Stimulation for Obsessive-Compulsive Disorder. <i>Neurosurgery</i> , 2014, 75, 327-333.	1.1	86
26	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.	9.9	85
27	Lymphatics Visualization after Focused Ultrasound-Induced Blood-Brain Barrier Opening in Humans. <i>Annals of Neurology</i> , 2019, 86, 975-980.	5.3	80
28	Speech and language adverse effects after thalamotomy and deep brain stimulation in patients with movement disorders: A meta-analysis. <i>Movement Disorders</i> , 2017, 32, 53-63.	3.9	77
29	Deep brain stimulation in rats: Different targets induce similar antidepressant-like effects but influence different circuits. <i>Neurobiology of Disease</i> , 2014, 71, 205-214.	4.4	74
30	Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2019, 24, 218-240.	7.9	73
31	Anterior thalamus deep brain stimulation at high current impairs memory in rats. <i>Experimental Neurology</i> , 2010, 225, 154-162.	4.1	71
32	The pedunculopontine nucleus as a target for deep brain stimulation. <i>Journal of Neural Transmission</i> , 2011, 118, 1461-1468.	2.8	69
33	Deep brain stimulation: current and future perspectives. <i>Neurosurgical Focus</i> , 2009, 27, E2.	2.3	67
34	Deep brain stimulation in clinical trials and animal models of depression. <i>European Journal of Neuroscience</i> , 2010, 32, 1109-1117.	2.6	67
35	Rapid Modulation of Protein Expression in the Rat Hippocampus Following Deep Brain Stimulation of the Fornix. <i>Brain Stimulation</i> , 2015, 8, 1058-1064.	1.6	66
36	The Motor Thalamus in Neurosurgery. <i>Neurosurgery</i> , 2006, 58, 146-158.	1.1	65

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37	Preclinical Studies Modeling Deep Brain Stimulation for Depression. <i>Biological Psychiatry</i> , 2012, 72, 916-923.	1.3	61
38	Amygdala and Hypothalamus: Historical Overview With Focus on Aggression. <i>Neurosurgery</i> , 2019, 85, 11-30.	1.1	59
39	The pedunclopontine nucleus and movement disorders: Anatomy and the role for deep brain stimulation. <i>Parkinsonism and Related Disorders</i> , 2007, 13, S276-S280.	2.2	57
40	Effects of Anterior Thalamic Nucleus Deep Brain Stimulation in Chronic Epileptic Rats. <i>PLoS ONE</i> , 2014, 9, e97618.	2.5	57
41	Pedunculopontine Nucleus Region Deep Brain Stimulation in Parkinson Disease: Surgical Techniques, Side Effects, and Postoperative Imaging. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 307-319.	1.5	54
42	Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy?. <i>Molecular Psychiatry</i> , 2021, 26, 60-65.	7.9	54
43	Disrupted Nodal and Hub Organization Account for Brain Network Abnormalities in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 259.	3.4	53
44	Deep Brain Stimulation. <i>Neuroscientist</i> , 2016, 22, 332-345.	3.5	53
45	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.	7.9	53
46	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Subthalamic Nucleus and Globus Pallidus Internus Deep Brain Stimulation for the Treatment of Patients With Parkinson's Disease: Executive Summary. <i>Neurosurgery</i> , 2018, 82, 753-756.	1.1	52
47	Physiology and Pathophysiology of Parkinson's Disease. <i>Annals of the New York Academy of Sciences</i> , 2003, 991, 15-21.	3.8	51
48	Deep Brain Stimulation in Animal Models of Fear, Anxiety, and Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2016, 41, 2810-2817.	5.4	49
49	Chronic deep brain stimulation in an Alzheimer's disease mouse model enhances memory and reduces pathological hallmarks. <i>Brain Stimulation</i> , 2018, 11, 435-444.	1.6	49
50	Deep brain stimulation improves behavior and modulates neural circuits in a rodent model of schizophrenia. <i>Experimental Neurology</i> , 2016, 283, 142-150.	4.1	48
51	Long-term double-blind unilateral pedunculopontine area stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 1570-1574.	3.9	47
52	Resting state functional connectivity changes after MR-guided focused ultrasound mediated blood-brain barrier opening in patients with Alzheimer's disease. <i>NeuroImage</i> , 2019, 200, 275-280.	4.2	46
53	Prefrontal Cortex Deep Brain Stimulation Improves Fear and Anxiety-Like Behavior and Reduces Basolateral Amygdala Activity in a Preclinical Model of Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1099-1106.	5.4	43
54	Deep brain stimulation of the ventromedial prefrontal cortex causes reorganization of neuronal processes and vasculature. <i>NeuroImage</i> , 2016, 125, 422-427.	4.2	41

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55	Changes in Hippocampal Volume are Correlated with Cell Loss but Not with Seizure Frequency in Two Chronic Models of Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2014, 5, 111.	2.4	36
56	Magnetic resonanceâ€“guided focused ultrasound thalamotomy for treatment of essential tremor: A 2â€“year outcome study. <i>Movement Disorders</i> , 2018, 33, 1647-1650.	3.9	36
57	Deep brain stimulation for obsessiveâ€“compulsive disorder: a crisis of access. <i>Nature Medicine</i> , 2022, 28, 1529-1532.	30.7	36
58	Location of Active Contacts in Patients with Primary Dystonia Treated with Globus Pallidus Deep Brain Stimulation. <i>Operative Neurosurgery</i> , 2008, 62, ONS217-ONS225.	0.8	34
59	Pain Relief and Functional Recovery in Patients with Complex Regional Pain Syndrome after Motor Cortex Stimulation. <i>Stereotactic and Functional Neurosurgery</i> , 2011, 89, 167-172.	1.5	34
60	Magnetic Resonance Imagingâ€“Guided Focused Ultrasound Thalamotomy in Parkinson Tremor: Reoperation After Benefit Decay. <i>Movement Disorders</i> , 2018, 33, 848-849.	3.9	34
61	Role of adenosine in the antiepileptic effects of deep brain stimulation. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 312.	3.7	33
62	Localized anesthesia of a specific brain region using ultrasound-responsive barbiturate nanodroplets. <i>Theranostics</i> , 2020, 10, 2849-2858.	10.0	33
63	Assessment of Safety and Outcome of Lateral Hypothalamic Deep Brain Stimulation for Obesity in a Small Series of Patients With Prader-Willi Syndrome. <i>JAMA Network Open</i> , 2018, 1, e185275.	5.9	32
64	Towards a better preclinical model of PTSD: Characterizing animals with weak extinction, maladaptive stress responses and low plasma corticosterone. <i>Journal of Psychiatric Research</i> , 2015, 61, 158-165.	3.1	31
65	Motor cortex stimulation for chronic neuropathic pain: results of a double-blind randomized study. <i>Brain</i> , 2021, 144, 2994-3004.	7.6	31
66	Implantable Pulse Generators for Deep Brain Stimulation: Challenges, Complications, and Strategies for Practicality and Longevity. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 708481.	2.0	30
67	Surgery for other movement disorders: dystonia, tics. <i>Current Opinion in Neurology</i> , 2007, 20, 470-476.	3.6	29
68	Antidepressant-like Effects of Medial Forebrain Bundle Deep Brain Stimulation in Rats are not Associated With Accumbens Dopamine Release. <i>Brain Stimulation</i> , 2015, 8, 708-713.	1.6	29
69	Ultrasound-sensitive nanodroplets achieve targeted neuromodulation. <i>Journal of Controlled Release</i> , 2021, 332, 30-39.	9.9	29
70	The Emerging Role of Tractography in Deep Brain Stimulation: Basic Principles and Current Applications. <i>Brain Sciences</i> , 2018, 8, 23.	2.3	27
71	Pedunculopontine nucleus stimulation in progressive supranuclear palsy: a randomised trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 613-616.	1.9	24
72	Neuromodulation Strategies in Post-Traumatic Stress Disorder: From Preclinical Models to Clinical Applications. <i>Brain Sciences</i> , 2019, 9, 45.	2.3	22

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73	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.	1.3	21
74	Anatomic Targeting of the Optimal Location for Thalamic Deep Brain Stimulation in Patients with Essential Tremor. <i>World Neurosurgery</i> , 2017, 107, 168-174.	1.3	20
75	The Ansa Subthalamica: A Neglected Fiber Tract. <i>Movement Disorders</i> , 2020, 35, 75-80.	3.9	20
76	Tractography-based targeting of the ventral intermediate nucleus: accuracy and clinical utility in MRgFUS thalamotomy. <i>Journal of Neurosurgery</i> , 2020, 133, 1002-1009.	1.6	20
77	Lateral hypothalamic activity indicates hunger and satiety states in humans. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 897-901.	3.7	19
78	Magnetic Resonance-Guided Focused Ultrasound Capsulotomy for Treatment-Resistant Psychiatric Disorders. <i>Operative Neurosurgery</i> , 2020, 19, 741-749.	0.8	19
79	Quality of Life After Motor Cortex Stimulation: Clinical Results and Systematic Review of the Literature. <i>Neurosurgery</i> , 2019, 84, 451-456.	1.1	18
80	Neural overlap between resting state and self-relevant activity in human subcallosal cingulate cortex – Single unit recording in an intracranial study. <i>Cortex</i> , 2014, 60, 139-144.	2.4	17
81	BILATERAL SUBTHALAMIC NUCLEUS STIMULATION FOR PARKINSON'S DISEASE. <i>Neurosurgery</i> , 2008, 62, 863-74.	1.1	16
82	Deep brain stimulation of the subthalamic nucleus preferentially alters the translational profile of striatopallidal neurons in an animal model of Parkinson's disease. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 221.	3.7	16
83	Effects of A1 receptor agonist/antagonist on spontaneous seizures in pilocarpine-induced epileptic rats. <i>Epilepsy and Behavior</i> , 2016, 61, 168-173.	1.7	16
84	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.	4.4	16
85	The neural response to deep brain stimulation of the anterior nucleus of the thalamus: A MEMRI and c-Fos study. <i>Brain Research Bulletin</i> , 2019, 147, 133-139.	3.0	15
86	Longitudinal Changes After Amygdala Surgery for Intractable Aggressive Behavior: Clinical, Imaging Genetics, and Deformation-Based Morphometry Study – A Case Series. <i>Neurosurgery</i> , 2021, 88, E158-E169.	1.1	15
87	Intraventricular pressure monitoring in patients with thalamic and ganglionic hemorrhages. <i>Arquivos De Neuro-Psiquiatria</i> , 2003, 61, 376-380.	0.8	14
88	Transcranial direct current stimulation does not improve memory deficits or alter pathological hallmarks in a rodent model of Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2019, 114, 93-98.	3.1	14
89	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Deep Brain Stimulations for Obsessive-Compulsive Disorder: Update of the 2014 Guidelines. <i>Neurosurgery</i> , 2021, 88, 710-712.	1.1	14
90	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.	1.1	13

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91	Lack of clinical response to deep brain stimulation of the medial forebrain bundle in depression. <i>Brain Stimulation</i> , 2020, 13, 1268-1270.	1.6	13
92	Acute high frequency stimulation of the prefrontal cortex or nucleus accumbens does not increase hippocampal neurogenesis in rats. <i>Journal of Psychiatric Research</i> , 2015, 68, 27-29.	3.1	12
93	Chronic deep brain stimulation of the rat ventral medial prefrontal cortex disrupts hippocampal prefrontal coherence. <i>Experimental Neurology</i> , 2015, 269, 1-7.	4.1	11
94	Early postnatal nociceptive stimulation results in deficits of spatial memory in male rats. <i>Neurobiology of Learning and Memory</i> , 2015, 125, 120-125.	1.9	11
95	High frequency stimulation of the infralimbic cortex induces morphological changes in rat hippocampal neurons. <i>Brain Stimulation</i> , 2017, 10, 315-323.	1.6	11
96	Examining cognitive change in magnetic resonance-guided focused ultrasound capsulotomy for psychiatric illness. <i>Translational Psychiatry</i> , 2020, 10, 397.	4.8	11
97	Endocannabinoid modulating drugs improve anxiety but not the expression of conditioned fear in a rodent model of post-traumatic stress disorder. <i>Neuropharmacology</i> , 2020, 166, 107965.	4.1	11
98	A systematic review on neuromodulation therapies for reducing body weight in patients with obesity. <i>Obesity Reviews</i> , 2021, 22, e13309.	6.5	11
99	Augmentative therapies do not potentiate the antidepressant-like effects of deep brain stimulation in rats. <i>Journal of Affective Disorders</i> , 2014, 161, 87-90.	4.1	10
100	International Legal Approaches to Neurosurgery for Psychiatric Disorders. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 588458.	2.0	10
101	Cost-effectiveness analysis of MR-guided focused ultrasound thalamotomy for tremor-dominant Parkinson's disease. <i>Journal of Neurosurgery</i> , 2020, 135, 273-278.	1.6	10
102	Preventing Parkinson disease by vagotomy. <i>Neurology</i> , 2017, 88, 1982-1983.	1.1	9
103	Refractoriness of aggressive behaviour to pharmacological treatment: cortical thickness analysis in autism spectrum disorder. <i>BJPsych Open</i> , 2020, 6, e85.	0.7	9
104	Stimulating the brain for epilepsy. <i>Neurology</i> , 2015, 84, 768-769.	1.1	8
105	Neuromodulation for major depressive disorder: innovative measures to capture efficacy and outcomes. <i>Lancet Psychiatry</i> , 2020, 7, 1075-1080.	7.4	8
106	Focused ultrasound neuromodulation. <i>International Review of Neurobiology</i> , 2021, 159, 221-240.	2.0	8
107	Technical and radiographic considerations for magnetic resonance imaging-guided focused ultrasound capsulotomy. <i>Journal of Neurosurgery</i> , 2020, 135, 291-299.	1.6	8
108	Paired Pulse Depression in the Subcallosal Cingulate Region of Depression Patients. <i>Biological Psychiatry</i> , 2015, 78, e3-e4.	1.3	7

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109	Magnetic Resonance-â€œGuided Focused Ultrasound for Psychiatric Disorders. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 720-722.	4.7	7
110	The Use of Tractography-Based Targeting in Deep Brain Stimulation for Psychiatric Indications. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 588423.	2.0	7
111	Neuromodulation in the Treatment of Alzheimerâ€™s Disease: Current and Emerging Approaches. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1299-1313.	2.6	7
112	Replacement of Asymmetric Synaptic Profiles in the Molecular Layer of Dentate Gyrus Following Cycloheximide in the Pilocarpine Model in Rats. <i>Frontiers in Psychiatry</i> , 2015, 6, 157.	2.6	6
113	Is there a role for MR-â€œguided focused ultrasound in Parkinson's disease?. <i>Movement Disorders</i> , 2018, 33, 575-579.	3.9	6
114	Investigating the role of CB1 endocannabinoid transmission in the anti-fear and anxiolytic-like effects of ventromedial prefrontal cortex deep brain stimulation. <i>Journal of Psychiatric Research</i> , 2021, 135, 264-269.	3.1	6
115	Temporal alignment of electrocorticographic recordings for upper limb movement. <i>Frontiers in Neuroscience</i> , 2014, 8, 431.	2.8	5
116	Technical Note: An anthropomorphic phantom with implanted neurostimulator for investigation of MRI safety. <i>Medical Physics</i> , 2020, 47, 3745-3751.	3.0	5
117	Deep brain stimulation for treatment-resistant depression: current status and future perspectives. <i>Expert Review of Medical Devices</i> , 2020, 17, 371-373.	2.8	5
118	Lesional psychiatric neurosurgery: meta-analysis of clinical outcomes using a transdiagnostic approach. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 207-215.	1.9	5
119	Case report: 5 Years follow-up on posterior hypothalamus deep brain stimulation for intractable aggressive behaviour associated with drug-resistant epilepsy. <i>Brain Stimulation</i> , 2021, 14, 1201-1204.	1.6	5
120	Sex differences in long-term fear and anxiety-like responses in a preclinical model of PTSD. <i>Journal of Psychiatric Research</i> , 2022, 151, 619-625.	3.1	5
121	Predicting response to psychiatric surgery: a systematic review of neuroimaging findings. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 387-394.	2.4	4
122	The ansa subthalamica as a substrate for DBS-induced manic symptoms. <i>Brain Stimulation</i> , 2020, 13, 1399-1401.	1.6	4
123	Deep Brain Stimulation of the Medial Septal Nucleus Induces Expression of a Virally Delivered Reporter Gene in Dentate Gyrus. <i>Frontiers in Neuroscience</i> , 2020, 14, 463.	2.8	4
124	Supraorbital Stimulation Does Not Induce an Antidepressant-like Response in Rats. <i>Brain Stimulation</i> , 2014, 7, 301-303.	1.6	3
125	Fields of Forel Brain Stimulation Improves Levodopa-Unresponsive Gait and Balance Disorders in Parkinson's Disease. <i>Neurosurgery</i> , 2021, 89, 450-459.	1.1	3
126	Neurocircuitry of Deep Brain Stimulation for Obsessive-Compulsive Disorder as Revealed by Tractography: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 680484.	2.6	3

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127	Reply: Where are the somatosensory evoked potentials recorded from DBS leads implanted in the human pedunculopontine tegmental nucleus generated?. <i>Movement Disorders</i> , 2011, 26, 1573-1574.	3.9	2
128	Reply to: Deep Brain Stimulation for Depression: Is It a Gray or White "Matter"? <i>Biological Psychiatry</i> , 2016, 80, e45.	1.3	2
129	Diffusion tensor imaging and deep brain stimulation. <i>Expert Review of Medical Devices</i> , 2016, 13, 615-617.	2.8	2
130	In "Vivo Solid Phase Microextraction for Sampling of Oxylipins in Brain of Awake, Moving Rats. <i>Angewandte Chemie</i> , 2020, 132, 2413-2419.	2.0	2
131	Magnetic Resonance-Guided Focused Ultrasound Capsulotomy for Musical Obsessions. <i>Biological Psychiatry</i> , 2021, 90, e49-e50.	1.3	2
132	Deep brain stimulation as a treatment for depressive disorder. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 342-343.	1.7	2
133	Special lecture: Brain stimulation: perspectives for the future. <i>Clinical Neurosurgery</i> , 2004, 51, 271-4.	0.2	2
134	MRlgFUS in tremor-dominant PD does not lead to substantial cognitive adverse events. <i>Neurology</i> , 2018, 91, 641-642.	1.1	1
135	Dysgeusia induced and resolved by focused ultrasound thalamotomy: case report. <i>Journal of Neurosurgery</i> , 2022, 136, 215-220.	1.6	1
136	Neurogenic hippocampal targets of deep brain stimulation. <i>Journal of Comparative Neurology</i> , 2011, 519, spc1-spc1.	1.6	0
137	In Reply. <i>Neurosurgery</i> , 2015, 77, E156-E157.	1.1	0
138	Preface. <i>International Review of Neurobiology</i> , 2021, 159, xiii-xiv.	2.0	0
139	From vision to action: Canadian leadership in ethics and neurotechnology. <i>International Review of Neurobiology</i> , 2021, 159, 241-273.	2.0	0
140	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.	1.5	0