Nir Lipsman

List of Publications by Year
in descending order

132 papers	7,928 citations	101384 36 h-index	54797 84 g-index
133 all docs	133 docs citations	133 times ranked	6598 citing authors

#	Article	IF	Citations
1	Lesional psychiatric neurosurgery: meta-analysis of clinical outcomes using a transdiagnostic approach. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 207-215.	0.9	5
2	Hypofractionated Stereotactic Radiation Therapy for Intact Brain Metastases in 5 Daily Fractions: Effect of Dose on Treatment Response. International Journal of Radiation Oncology Biology Physics, 2022, 112, 342-350.	0.4	14
3	Current state of therapeutic focused ultrasound applications in neuro-oncology. Journal of Neuro-Oncology, 2022, 156, 49-59.	1.4	14
4	Commonly used outcome measures in neurosurgical trials for major depressive disorder might not capture clinically meaningful treatment effects. Journal of Neurology, Neurosurgery and Psychiatry, 2022, , jnnp-2021-327688.	0.9	2
5	Functional tremor developing after successful MRI-guided focused ultrasound thalamotomy for essential tremor. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 625-627.	0.9	3
6	Three-Tesla Magnetic Resonance Imaging of Patients With Deep Brain Stimulators: Results From a Phantom Study and a Pilot Study in Patients. Neurosurgery, 2021, 88, 349-355.	0.6	13
7	Technical Principles and Clinical Workflow of Transcranial MR-Guided Focused Ultrasound. Stereotactic and Functional Neurosurgery, 2021, 99, 329-342.	0.8	22
8	Psychiatric neuromodulation: the underappreciated importance of pre- and post-treatment care. Molecular Psychiatry, 2021, 26, 366-369.	4.1	4
9	Quantitating Interfraction Target Dynamics During Concurrent Chemoradiation for Glioblastoma: A Prospective Serial Imaging Study. International Journal of Radiation Oncology Biology Physics, 2021, 109, 736-746.	0.4	36
10	Technology of deep brain stimulation: current status and future directions. Nature Reviews Neurology, 2021, 17, 75-87.	4.9	341
11	Applications of focused ultrasound in the brain: from thermoablation to drug delivery. Nature Reviews Neurology, 2021, 17, 7-22.	4.9	211
12	From vision to action: Canadian leadership in ethics and neurotechnology. International Review of Neurobiology, 2021, 159, 241-273.	0.9	0
13	Local control and patterns of failure for â€œRadioresistantâ€•spinal metastases following stereotactic body radiotherapy compared to a â€œRadiosensitiveâ€•reference. Journal of Neuro-Oncology, 2021, 152, 173-182.	1.4	24
14	Focused ultrasound neuromodulation. International Review of Neurobiology, 2021, 159, 221-240.	0.9	8
15	Investigating the role of CB1 endocannabinoid transmission in the anti-fear and anxiolytic-like effects of ventromedial prefrontal cortex deep brain stimulation. Journal of Psychiatric Research, 2021, 135, 264-269.	1.5	6
16	Intravoxel incoherent motion (IVIM) modeling of diffusion MRI during chemoradiation predicts therapeutic response in IDH wildtype glioblastoma. Radiotherapy and Oncology, 2021, 156, 258-265.	0.3	18
17	MR-guided focused ultrasound liquid biopsy enriches circulating biomarkers in patients with brain tumors. Neuro-Oncology, 2021, 23, 1789-1797.	0.6	59
18	A Systematic Review of Minimally Invasive Procedures for Mesial Temporal Lobe Epilepsy: Too Minimal, Too Fast?. Neurosurgery, 2021, 89, 164-176.	0.6	9

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19	ADC, D, f dataset calculated through the simplified IVIM model, with MGMT promoter methylation, age, and ECOG, in 38 patients with wildtype IDH glioblastoma. Data in Brief, 2021, 35, 106950.	0.5	3
20	Implantable Pulse Generators for Deep Brain Stimulation: Challenges, Complications, and Strategies for Practicality and Longevity. Frontiers in Human Neuroscience, 2021, 15, 708481.	1.0	30
21	An Unusual Case of Deep Brain Stimulation Wound Infection Secondary to COVID-19 Mask-Related Friction. Stereotactic and Functional Neurosurgery, 2021, , 1-3.	0.8	0
22	MR-guided focused ultrasound enhances delivery of trastuzumab to Her2-positive brain metastases. Science Translational Medicine, 2021, 13, eabj4011.	5.8	82
23	Magnetic Resonanceâ€“Guided Focused Ultrasound Capsulotomy for Musical Obsessions. Biological Psychiatry, 2021, 90, e49-e50.	0.7	2
24	The Use of Tractography-Based Targeting in Deep Brain Stimulation for Psychiatric Indications. Frontiers in Human Neuroscience, 2020, 14, 588423.	1.0	7
25	Readiness for First-In-Human Neuromodulatory Interventions. Canadian Journal of Neurological Sciences, 2020, 47, 785-792.	0.3	4
26	Predicting response to psychiatric surgery: a systematic review of neuroimaging findings. Journal of Psychiatry and Neuroscience, 2020, 45, 387-394.	1.4	4
27	Navigating the Postgraduate Research Fellowship: A Roadmap for Surgical Residents. Journal of Surgical Research, 2020, 256, 282-289.	0.8	8
28	Magnetic Resonance-Guided Focused Ultrasound Capsulotomy for Treatment-Resistant Psychiatric Disorders. Operative Neurosurgery, 2020, 19, 741-749.	0.4	19
29	Neuromodulation for major depressive disorder: innovative measures to capture efficacy and outcomes. Lancet Psychiatry,the, 2020, 7, 1075-1080.	3.7	8
30	<scp>Echoâ€Focusing</scp> in Transcranial Focused Ultrasound Thalamotomy for Essential Tremor: A Feasibility Study. Movement Disorders, 2020, 35, 2327-2333.	2.2	23
31	Examining cognitive change in magnetic resonance-guided focused ultrasound capsulotomy for psychiatric illness. Translational Psychiatry, 2020, 10, 397.	2.4	11
32	Neuromodulation in the Treatment of Alzheimerâ€™s Disease: Current and Emerging Approaches. Journal of Alzheimer's Disease, 2020, 78, 1299-1313.	1.2	7
33	Magnetic resonance-guided focused ultrasound capsulotomy for refractory obsessive compulsive disorder and major depressive disorder: clinical and imaging results from two phase I trials. Molecular Psychiatry, 2020, 25, 1946-1957.	4.1	53
34	Treating Post-traumatic Stress Disorder with Neuromodulation Therapies: Transcranial Magnetic Stimulation, Transcranial Direct Current Stimulation, and Deep Brain Stimulation. Neurotherapeutics, 2020, 17, 1747-1756.	2.1	16
35	Lack of clinical response to deep brain stimulation of the medial forebrain bundle in depression. Brain Stimulation, 2020, 13, 1268-1270.	0.7	13
36	The anterior limb of the internal capsule: Anatomy, function, and dysfunction. Behavioural Brain Research, 2020, 387, 112588.	1.2	33

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37	Patient With Posttraumatic Stress Disorder Successfully Treated With Deep Brain Stimulation ofÂthe Medial Prefrontal Cortex and Uncinate Fasciculus. Biological Psychiatry, 2020, 88, e57-e59.	0.7	21
38	Endocannabinoid modulating drugs improve anxiety but not the expression of conditioned fear in a rodent model of post-traumatic stress disorder. Neuropharmacology, 2020, 166, 107965.	2.0	11
39	Technical Note: An anthropomorphic phantom with implanted neurostimulator for investigation of MRI safety. Medical Physics, 2020, 47, 3745-3751.	1.6	5
40	Amyloid-beta burden predicts prospective decline in body mass index in clinically normal adults. Neurobiology of Aging, 2020, 93, 124-130.	1.5	27
41	International Legal Approaches to Neurosurgery for Psychiatric Disorders. Frontiers in Human Neuroscience, 2020, 14, 588458.	1.0	10
42	Accumulated thermal dose in MRI-guided focused ultrasound for essential tremor: repeated sonications with low focal temperatures. Journal of Neurosurgery, 2020, 132, 1802-1809.	0.9	31
43	Impact of skull density ratio on efficacy and safety of magnetic resonanceâ€“guided focused ultrasound treatment of essential tremor. Journal of Neurosurgery, 2020, 132, 1392-1397.	0.9	50
44	Tractography-based targeting of the ventral intermediate nucleus: accuracy and clinical utility in MRgFUS thalamotomy. Journal of Neurosurgery, 2020, 133, 1002-1009.	0.9	20
45	Cost-effectiveness analysis of MR-guided focused ultrasound thalamotomy for tremor-dominant Parkinsonâ€™s disease. Journal of Neurosurgery, 2020, 135, 273-278.	0.9	10
46	Technical and radiographic considerations for magnetic resonance imagingâ€“guided focused ultrasound capsulotomy. Journal of Neurosurgery, 2020, 135, 291-299.	0.9	8
47	Skull bone marrow injury caused by MR-guided focused ultrasound for cerebral functional procedures. Journal of Neurosurgery, 2019, 130, 758-762.	0.9	33
48	Electroencephalography in Psychiatric Surgery: Past Use and Future Directions. Stereotactic and Functional Neurosurgery, 2019, 97, 141-152.	0.8	1
49	Safety and efficacy of focused ultrasound induced blood-brain barrier opening, an integrative review of animal and human studies. Journal of Controlled Release, 2019, 309, 25-36.	4.8	85
50	Resting state functional connectivity changes after MR-guided focused ultrasound mediated blood-brain barrier opening in patients with Alzheimer's disease. NeuroImage, 2019, 200, 275-280.	2.1	46
51	Focused ultrasound as an evolving therapy for Parkinson's disease. Movement Disorders, 2019, 34, 1241-1242.	2.2	7
52	Glymphatics Visualization after Focused Ultrasoundâ€Induced Bloodâ€“Brain Barrier Opening in Humans. Annals of Neurology, 2019, 86, 975-980.	2.8	80
53	Regulatory oversights for implantable neurodevices. Lancet Neurology, The, 2019, 18, 913.	4.9	4
54	Blood-Brain Barrier Opening in Primary Brain Tumors with Non-invasive MR-Guided Focused Ultrasound: A Clinical Safety and Feasibility Study. Scientific Reports, 2019, 9, 321.	1.6	400

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55	Deep brain stimulation: current challenges and future directions. Nature Reviews Neurology, 2019, 15, 148-160.	4.9	721
56	Change in some quality of life domains mimics change in tremor severity after ultrasound thalamotomy. Movement Disorders, 2019, 34, 1400-1401.	2.2	1
57	Magnetic Resonanceâ€“Guided Focused Ultrasound for Psychiatric Disorders. Clinical Pharmacology and Therapeutics, 2019, 106, 720-722.	2.3	7
58	Focused ultrasound opening of the bloodâ€“brain barrier for treatment of Parkinson's disease. Movement Disorders, 2019, 34, 1274-1278.	2.2	25
59	Neuromodulation Strategies in Post-Traumatic Stress Disorder: From Preclinical Models to Clinical Applications. Brain Sciences, 2019, 9, 45.	1.1	22
60	Three-year follow-up of prospective trial of focused ultrasound thalamotomy for essential tremor. Neurology, 2019, 93, e2284-e2293.	1.5	69
61	First-in-human trial of bloodâ€“brain barrier opening in amyotrophic lateral sclerosis using MR-guided focused ultrasound. Nature Communications, 2019, 10, 4373.	5.8	312
62	Deep brain stimulation for pediatric dystonia: a metaâ€analysis with individual participant data. Developmental Medicine and Child Neurology, 2019, 61, 49-56.	1.1	75
63	Deep brain stimulation for Gilles de la Tourette syndrome in children and youth: a meta-analysis with individual participant data. Journal of Neurosurgery: Pediatrics, 2019, 23, 236-246.	0.8	46
64	Letter to the Editor. Academic neurosurgeon development. Journal of Neurosurgery, 2019, 130, 1778-1779.	0.9	0
65	Is there a role for MRâ€guided focused ultrasound in Parkinson's disease?. Movement Disorders, 2018, 33, 575-579.	2.2	6
66	Readability and quality of wikipedia pages on neurosurgical topics. Clinical Neurology and Neurosurgery, 2018, 166, 66-70.	0.6	38
67	A prospective trial of magnetic resonanceâ€“guided focused ultrasound thalamotomy for essential tremor: Results at the 2â€year followâ€up. Annals of Neurology, 2018, 83, 107-114.	2.8	120
68	Neurological adverse event profile of magnetic resonance imagingâ€“guided focused ultrasound thalamotomy for essential tremor. Movement Disorders, 2018, 33, 843-847.	2.2	72
69	F4â€09â€04: BLOODâ€BRAIN BARRIER OPENING IN PATIENTS WITH MILDâ€TOâ€MODERATE ALZHEIMER'S DISEASE USING MRâ€GUIDED FOCUSED ULTRASOUND. Alzheimer's and Dementia, 2018, 14, P1398.	0.4	1
70	The Neuroprotective Effects of Exercise: Maintaining a Healthy Brain Throughout Aging. Brain Plasticity, 2018, 4, 17-52.	1.9	116
71	Magnetic resonanceâ€“guided focused ultrasound thalamotomy for treatment of essential tremor: A 2â€year outcome study. Movement Disorders, 2018, 33, 1647-1650.	2.2	36
72	Editorial. An ethical framework for deep brain stimulation in children. Neurosurgical Focus, 2018, 45, E11.	1.0	16

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73	Low-Intensity MR-Guided Focused Ultrasound Mediated Disruption of the Blood-Brain Barrier for Intracranial Metastatic Diseases. Frontiers in Oncology, 2018, 8, 338.	1.3	27
74	Editorial. Tremor, thalamotomy, and cognition. Neurosurgical Focus, 2018, 44, E9.	1.0	1
75	Focused ultrasound thalamotomy location determines clinical benefits in patients with essential tremor. Brain, 2018, 141, 3405-3414.	3.7	129
76	Treatment of a Patient With Task-Specific Writing Tremor Using Magnetic Resonance-Guided Focused Ultrasound. Canadian Journal of Neurological Sciences, 2018, 45, 474-477.	0.3	12
77	Phase-amplitude coupling within the anterior thalamic nuclei during seizures. Journal of Neurophysiology, 2018, 119, 1497-1505.	0.9	9
78	Bloodâ€“brain barrier opening in Alzheimerâ€™s disease using MR-guided focused ultrasound. Nature Communications, 2018, 9, 2336.	5.8	618
79	The Emerging Role of Tractography in Deep Brain Stimulation: Basic Principles and Current Applications. Brain Sciences, 2018, 8, 23.	1.1	27
80	Predicting lesion size by accumulated thermal dose in MRâ€guided focused ultrasound for essential tremor. Medical Physics, 2018, 45, 4704-4710.	1.6	41
81	Deep brain stimulation of the subcallosal cingulate for treatment-refractory anorexia nervosa: 1 year follow-up of an open-label trial. Lancet Psychiatry,the, 2017, 4, 285-294.	3.7	124
82	Focused ultrasound as a novel strategy for Alzheimer disease therapeutics. Annals of Neurology, 2017, 81, 611-617.	2.8	33
83	â€œThe Actualized Neurosurgeonâ€: A Proposed Model of Surgical Resident Development. World Neurosurgery, 2017, 99, 381-386.	0.7	14
84	Ethical surgical placebo-controlled trials of deep brain stimulation for treatment-resistant anorexia nervosa â€“ Authors' reply. Lancet Psychiatry,the, 2017, 4, 442.	3.7	2
85	Disrupting the bloodâ€“brain barrier with focused ultrasound: Perspectives on inflammation and regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6735-E6736.	3.3	28
86	The History and Future of Ablative Neurosurgery for Major Depressive Disorder. Stereotactic and Functional Neurosurgery, 2017, 95, 216-228.	0.8	33
87	MRI-guided Focused Ultrasound Thalamotomy for Patients with Medically-refractory Essential Tremor. Journal of Visualized Experiments, 2017, , .	0.2	10
88	Current and emerging brain applications of MR-guided focused ultrasound. Journal of Therapeutic Ultrasound, 2017, 5, 26.	2.2	36
89	SCDT-51. INITIAL EXPERIENCE OF BLOOD-BRAIN BARRIER OPENING FOR CHEMOTHERAPEUTIC-DRUG DELIVERY TO BRAIN TUMOURS BY MR-GUIDED FOCUSED ULTRASOUND. Neuro-Oncology, 2017, 19, vi275-vi275.	0.6	7
90	Acute Cerebral Hemodynamic Insufficiency after Plaque Haemorrhage. Canadian Journal of Neurological Sciences, 2016, 43, 717-718.	0.3	0

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91	A Randomized Trial of Focused Ultrasound Thalamotomy for Essential Tremor. New England Journal of Medicine, 2016, 375, 730-739.	13.9	770
92	Deep Brain Stimulation for Neuropsychiatric Disorders. , 2016, , 499-516.		0
93	Subcallosal Cingulate Connectivity in Anorexia Nervosa Patients Differs From Healthy Controls: A Multi-tensor Tractography Study. Brain Stimulation, 2015, 8, 758-768.	0.7	38
94	Cosmetic neurosurgery, ethics, and enhancement. Lancet Psychiatry,the, 2015, 2, 585-586.	3.7	6
95	Neurocircuitry of limbic dysfunction in anorexia nervosa. Cortex, 2015, 62, 109-118.	1.1	43
96	Targeting Emotion Circuits with Deep Brain Stimulation in Refractory Anorexia Nervosa. Neuropsychopharmacology, 2014, 39, 250-251.	2.8	15
97	Beyond Consent in Research. Cambridge Quarterly of Healthcare Ethics, 2014, 23, 361-368.	0.5	41
98	Neuromodulation for treatment-refractory major depressive disorder. Cmaj, 2014, 186, 33-39.	0.9	35
99	Neural overlap between resting state and self-relevant activity in human subcallosal cingulate cortex â€“ Single unit recording in an intracranial study. Cortex, 2014, 60, 139-144.	1.1	17
100	Trends in Anorexia Nervosa Research: An Analysis of the Top 100 Most Cited Works. European Eating Disorders Review, 2014, 22, 9-14.	2.3	26
101	Intracranial Applications of Magnetic Resonance-guided Focused Ultrasound. Neurotherapeutics, 2014, 11, 593-605.	2.1	55
102	Beta coherence within human ventromedial prefrontal cortex precedes affective value choices. NeuroImage, 2014, 85, 769-778.	2.1	33
103	Consensus on guidelines for stereotactic neurosurgery for psychiatric disorders. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 1003-1008.	0.9	150
104	BRAIN, MIND AND MACHINE: WHAT ARE THE IMPLICATIONS OF DEEP BRAIN STIMULATION FOR PERCEPTIONS OF PERSONAL IDENTITY, AGENCY AND FREE WILL?. Bioethics, 2013, 27, 465-470.	0.7	68
105	Neurosurgical Treatment of Anorexia Nervosa: Review of the Literature from Leucotomy to Deep Brain Stimulation. European Eating Disorders Review, 2013, 21, 428-435.	2.3	32
106	Evaluating the potential of deep brain stimulation for treatment-resistant anorexia nervosa. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 271-276.	1.0	11
107	What is the role of the neurosurgeon in neuroethical discourse?. British Journal of Neurosurgery, 2013, 27, 7-8.	0.4	2
108	Subcallosal cingulate deep brain stimulation for treatment-refractory anorexia nervosa: a phase 1 pilot trial. Lancet, The, 2013, 381, 1361-1370.	6.3	236

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109	MR-guided focused ultrasound thalamotomy for essential tremor: a proof-of-concept study. Lancet Neurology, The, 2013, 12, 462-468.	4.9	475
110	Probing and Regulating Dysfunctional Circuits Using Deep Brain Stimulation. Neuron, 2013, 77, 406-424.	3.8	519
111	Deep brain stimulation in obsessiveâ€“compulsive disorder. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 245-250.	1.0	16
112	Editorial: Obsessive-compulsive disorder. Journal of Neurosurgery, 2013, 118, 489-490.	0.9	1
113	Measuring Impact in Stereotactic and Functional Neurosurgery: An Analysis of the Top 100 Most Highly Cited Works and the Citation Classics in the Field. Stereotactic and Functional Neurosurgery, 2012, 90, 201-209.	0.8	29
114	Monoamine Oxidase Inhibitors Potentiate the Effects of Deep Brain Stimulation. American Journal of Psychiatry, 2012, 169, 1320-1321.	4.0	19
115	Neurosurgery and Deep Brain Stimulation for Psychiatric Disease: Historical Context and Future Prospects. AJOB Neuroscience, 2012, 3, 9-12.	0.6	4
116	Informed consent for clinical trials of deep brain stimulation in psychiatric disease: challenges and implications for trial design: Table 1. Journal of Medical Ethics, 2012, 38, 107-111.	1.0	42
117	A Narrative History of the International Society for Psychiatric Surgery: 1970â€“1983. Stereotactic and Functional Neurosurgery, 2012, 90, 347-355.	0.8	10
118	Transforming Care Through Science: Evaluating the Impact and Implications of Neuromodulation in Psychiatric Populations. AJOB Neuroscience, 2012, 3, 13-15.	0.6	0
119	The most cited works in major depression: The â€˜Citation classicsâ€™. Journal of Affective Disorders, 2011, 134, 39-44.	2.0	33
120	Research Consent for Deep Brain Stimulation in Treatment-Resistant Depression: Balancing Risk With Patient Expectations. AJOB Neuroscience, 2011, 2, 39-41.	0.6	4
121	The Contemporary Practice of Psychiatric Surgery: Results from a Survey of North American Functional Neurosurgeons. Stereotactic and Functional Neurosurgery, 2011, 89, 103-110.	0.8	35
122	Status Epilepticus Due to Hyperfusion Injury Post Cardiac Surgery. Canadian Journal of Neurological Sciences, 2010, 37, 412-415.	0.3	0
123	Neurosurgical treatment of bipolar depression: defining treatment resistance and identifying surgical targets. Bipolar Disorders, 2010, 12, 691-701.	1.1	24
124	Neurosurgeons' perspectives on psychosurgery and neuroenhancement: a qualitative study at one center. Journal of Neurosurgery, 2010, 113, 1212-1218.	0.9	35
125	Criteria for the ethical conduct of psychiatric neurosurgery clinical trials. Neurosurgical Focus, 2010, 29, E9.	1.0	45
126	Current and future indications for deep brain stimulation in pediatric populations. Neurosurgical Focus, 2010, 29, E2.	1.0	51

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127	Effect of country or continent of treatment on outcome after aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2009, 111, 67-74.	0.9	11
128	Curtains. JAMA - Journal of the American Medical Association, 2009, 302, 1845.	3.8	0
129	PERSONAL IDENTITY, ENHANCEMENT AND NEUROSURGERY: A QUALITATIVE STUDY IN APPLIED NEUROETHICS. Bioethics, 2009, 23, 375-383.	0.7	29
130	DEEP BRAIN STIMULATION FOR TREATMENT-REFRACTORY OBSESSIVE-COMPULSIVE DISORDER. Neurosurgery, 2007, 61, 1-13.	0.6	129
131	The attitudes of brain cancer patients and their caregivers towards death and dying: a qualitative study. BMC Palliative Care, 2007, 6, 7.	0.8	44
132	Implications of functional neurosurgery and deep-brain stimulation for free will and decision-making. , 0, , 191-204.		0