Volker Arnd Coenen

List of Publications by Year
in descending order

124	5,892	109321	82547
papers	citations	35 h-index	72 g-index

128	128	128	5797
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial and temporal heterogeneity of mouse and human microglia at single-cell resolution. Nature, 2019, 566, 388-392.	27.8	853
2	Rapid Effects of Deep Brain Stimulation for Treatment-Resistant Major Depression. Biological Psychiatry, 2013, 73, 1204-1212.	1.3	502
3	Human Medial Forebrain Bundle (MFB) and Anterior Thalamic Radiation (ATR): Imaging of Two Major Subcortical Pathways and the Dynamic Balance of Opposite Affects in Understanding Depression. Journal of Neuropsychiatry and Clinical Neurosciences, 2012, 24, 223-236.	1.8	300
4	Cross-species affective functions of the medial forebrain bundleâ€"Implications for the treatment of affective pain and depression in humans. Neuroscience and Biobehavioral Reviews, 2011, 35, 1971-1981.	6.1	227
5	Modulation of the Cerebello-Thalamo-Cortical Network in Thalamic Deep Brain Stimulation for Tremor. Neurosurgery, 2014, 75, 657-670.	1.1	211
6	A role of diffusion tensor imaging fiber tracking in deep brain stimulation surgery: DBS of the dentato-rubro-thalamic tract (drt) for the treatment of therapy-refractory tremor. Acta Neurochirurgica, 2011, 153, 1579-1585.	1.7	193
7	MEDIAL FOREBRAIN BUNDLE STIMULATION AS A PATHOPHYSIOLOGICAL MECHANISM FOR HYPOMANIA IN SUBTHALAMIC NUCLEUS DEEP BRAIN STIMULATION FOR PARKINSON'S DISEASE. Neurosurgery, 2009, 64, 1106-1115.	1.1	166
8	A prospective, multicenter study of cardiac-based seizure detection to activate vagus nerve stimulation. Seizure: the Journal of the British Epilepsy Association, 2015, 32, 52-61.	2.0	161
9	Efficacy of transluminal angioplasty for the management of symptomatic cerebral vasospasm following aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2000, 92, 284-290.	1.6	159
10	Individual Fiber Anatomy of the Subthalamic Region Revealed With Diffusion Tensor Imaging: A Concept to Identify the Deep Brain Stimulation Target for Tremor Suppression. Neurosurgery, 2011, 68, 1069-1076.	1.1	138
11	Deep Brain Stimulation of the Human Reward System for Major Depressionâ€"Rationale, Outcomes and Outlook. Neuropsychopharmacology, 2014, 39, 1303-1314.	5.4	126
12	Deep brain stimulation to the medial forebrain bundle for depression- long-term outcomes and a novel data analysis strategy. Brain Stimulation, 2017, 10, 664-671.	1.6	118
13	Superolateral medial forebrain bundle deep brain stimulation in major depression: a gateway trial. Neuropsychopharmacology, 2019, 44, 1224-1232.	5.4	109
14	Three-dimensional Visualization of the Pyramidal Tract in a Neuronavigation System during Brain Tumor Surgery: First Experiences and Technical Note. Neurosurgery, 2001, 49, 86-93.	1.1	107
15	Probabilistic mapping of the antidystonic effect of pallidal neurostimulation: a multicentre imaging study. Brain, 2019, 142, 1386-1398.	7.6	105
16	Balance and Motor Speech Impairment in Essential Tremor. Cerebellum, 2009, 8, 389-398.	2.5	102
17	The anatomy of the human medial forebrain bundle: Ventral tegmental area connections to reward-associated subcortical and frontal lobe regions. NeuroImage: Clinical, 2018, 18, 770-783.	2.7	93
18	The medial forebrain bundle as a target for deep brain stimulation for obsessive-compulsive disorder. CNS Spectrums, 2017, 22, 282-289.	1.2	81

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19	Tractographic Analysis of Historical Lesion Surgery for Depression. Neuropsychopharmacology, 2010, 35, 2553-2563.	5.4	77
20	Intraoperative three-dimensional visualization of the pyramidal tract in a neuronavigation system (PTV) reliably predicts true position of principal motor pathways. World Neurosurgery, 2003, 60, 381-390.	1.3	75
21	The dentato-rubro-thalamic tract as the potential common deep brain stimulation target for tremor of various origin: an observational case series. Acta Neurochirurgica, 2020, 162, 1053-1066.	1.7	73
22	Tractography-assisted deep brain stimulation of the superolateral branch of the medial forebrain bundle (slMFB DBS) in major depression. NeuroImage: Clinical, 2018, 20, 580-593.	2.7	69
23	Affective Neuroscience Strategies for Understanding and Treating Depression. Clinical Psychological Science, 2014, 2, 472-494.	4.0	68
24	Diffusion Tensor Imaging and Neuromodulation. International Review of Neurobiology, 2012, 107, 207-234.	2.0	59
25	Determining the Orientation of Directional Deep Brain Stimulation Electrodes Using 3D Rotational Fluoroscopy. American Journal of Neuroradiology, 2017, 38, 1111-1116.	2.4	57
26	The Surgical Approach to the Anterior Nucleus of Thalamus in Patients With Refractory Epilepsy: Experience from the International Multicenter Registry (MORE). Neurosurgery, 2019, 84, 141-150.	1.1	57
27	Hippocampal theta phases organize the reactivation of large-scale electrophysiological representations during goal-directed navigation. Science Advances, 2019, 5, eaav8192.	10.3	56
28	Enhanced mGlu5 Signaling in Excitatory Neurons Promotes Rapid Antidepressant Effects via AMPA Receptor Activation. Neuron, 2019, 104, 338-352.e7.	8.1	55
29	Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy?. Molecular Psychiatry, 2021, 26, 60-65.	7.9	54
30	Tractographic description of major subcortical projection pathways passing the anterior limb of the internal capsule. Corticopetal organization of networks relevant for psychiatric disorders. NeuroImage: Clinical, 2020, 25, 102165.	2.7	52
31	One-pass deep brain stimulation of dentato-rubro-thalamic tract and subthalamic nucleus for tremor-dominant or equivalent type Parkinsonâ€™s disease. Acta Neurochirurgica, 2016, 158, 773-781.	1.7	50
32	On-demand deep brain stimulation for essential tremor: A report on four cases. Movement Disorders, 2006, 21, 401-405.	3.9	44
33	Sequential Visualization of Brain and Fiber Tract Deformation during Intracranial Surgery with Three-dimensional Ultrasound: An Approach to Evaluate the Effect of Brain Shift. Operative Neurosurgery, 2005, 56, ONS-133-ONS-141.	0.8	43
34	What is dorso-lateral in the subthalamic Nucleus (STN)?â€”a topographic and anatomical consideration on the ambiguous description of todayâ€™s primary target for deep brain stimulation (DBS) surgery. Acta Neurochirurgica, 2008, 150, 1163-1165.	1.7	41
35	Postoperative neuroimaging analysis of DRT deep brain stimulation revision surgery for complicated essential tremor. Acta Neurochirurgica, 2017, 159, 779-787.	1.7	39
36	Neurons in the human amygdala encode face identity, but not gaze direction. Nature Neuroscience, 2015, 18, 1568-1570.	14.8	37

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37	Electrical stimulation of the medial forebrain bundle in pre-clinical studies of psychiatric disorders. Neuroscience and Biobehavioral Reviews, 2015, 49, 32-42.	6.1	37
38	Deep brain stimulation for obsessiveâ€“compulsive disorder: a crisis of access. Nature Medicine, 2022, 28, 1529-1532.	30.7	36
39	Chronic deep brain stimulation of the medial forebrain bundle reverses depressive-like behavior in a hemiparkinsonian rodent model. Experimental Brain Research, 2015, 233, 3073-3085.	1.5	32
40	Frontal white matter architecture predicts efficacy of deep brain stimulation in major depression. Translational Psychiatry, 2019, 9, 197.	4.8	32
41	The dynamics of error processing in the human brain as reflected by high-gamma activity in noninvasive and intracranial EEG. NeuroImage, 2018, 173, 564-579.	4.2	31
42	Deep Brain Stimulation in Neurological and Psychiatric Disorders. Deutsches Ärzteblatt International, 2015, 112, 519-26.	0.9	30
43	Ventral tegmental area dopaminergic lesion-induced depressive phenotype in the rat is reversed by deep brain stimulation of the medial forebrain bundle. Behavioural Brain Research, 2016, 299, 132-140.	2.2	30
44	Preoperative assessment of motor cortex and pyramidal tracts in central cavernoma employing functional and diffusion-weighted magnetic resonance imaging. World Neurosurgery, 2002, 58, 302-307.	1.3	29
45	Spinal dural arteriovenous fistula associated with a spinal perimedullary fistula. Journal of Neurosurgery: Spine, 2006, 4, 241-245.	1.7	28
46	The effects of bilateral, continuous, and chronic Deep Brain Stimulation of the medial forebrain bundle in a rodent model of depression. Experimental Neurology, 2018, 303, 153-161.	4.1	28
47	Deep brain stimulation for bipolar disorderâ€”review and outlook. CNS Spectrums, 2017, 22, 254-257.	1.2	27
48	Electrophysiologic Validation of Diffusion Tensor Imaging Tractography during Deep Brain Stimulation Surgery. American Journal of Neuroradiology, 2016, 37, 1470-1478.	2.4	25
49	Imaging of postthalamic visual fiber tracts by anisotropic diffusion weighted MRI and diffusion tensor imaging: principles and applications. European Journal of Radiology, 2004, 49, 91-104.	2.6	24
50	Surgical decision making for deep brain stimulation should not be based on aggregated normative data mining. Brain Stimulation, 2019, 12, 1345-1348.	1.6	24
51	Machine learningâ€aided personalized DTI tractographic planning for deep brain stimulation of the superolateral medial forebrain bundle using HAMLET. Acta Neurochirurgica, 2019, 161, 1559-1569.	1.7	24
52	In vivo 3D visualization of normal pyramidal tracts in human subjects using diffusion weighted magnetic resonance imaging and a neuronavigation system. Neuroscience Letters, 2001, 307, 192-196.	2.1	23
53	Cognitive effects of deep brain stimulation for essential tremor: evaluation at 1 and 6Âyears. Journal of Neural Transmission, 2013, 120, 1569-1577.	2.8	23
54	Neuromodulation in Psychiatric disorders: Experimental and Clinical evidence for reward and motivation network Deep Brain Stimulation: Focus on the medial forebrain bundle. European Journal of Neuroscience, 2021, 53, 89-113.	2.6	23

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55	Brain alterations with deep brain stimulation: New insight from a neuropathological case series. Movement Disorders, 2015, 30, 1125-1130.	3.9	22
56	Endoscopic Transtentorial Ventriculocystostomy and Cystoventriculoperitoneal Shunt in a Neonate with Dandy-Walker Malformation and Associated Aqueductal Obstruction. Pediatric Neurosurgery, 2005, 41, 272-277.	0.7	21
57	Correlations between Motor Symptoms across Different Motor Tasks, Quantified via Random Forest Feature Classification in Parkinsonâ€™s Disease. Frontiers in Neurology, 2017, 8, 607.	2.4	20
58	Adverse events associated with deep brain stimulation in patients with childhood-onset dystonia. Brain Stimulation, 2019, 12, 1111-1120.	1.6	20
59	Reply to: Medial Forebrain Bundle Stimulationâ€"Speed Access to an Old or Entry into a New Depression Neurocircuit?. Biological Psychiatry, 2013, 74, e45-e46.	1.3	19
60	Feasibility and Safety of Continuous and Chronic Bilateral Deep Brain Stimulation of the Medial Forebrain Bundle in the NaÃ¯ve Sprague-Dawley Rat. Behavioural Neurology, 2015, 2015, 1-13.	2.1	19
61	Deep Brain Stimulation for Tremor Tractographic Versus Traditional (DISTINCT): Study Protocol of a Randomized Controlled Feasibility Trial. JMIR Research Protocols, 2016, 5, e244.	1.0	19
62	Diffusion tensor magnetic resonance imaging (DTI) tractography-guided deep brain stimulation in neuropathic pain. Acta Neurochirurgica, 2015, 157, 739-741.	1.7	17
63	Early experiences with tachycardiaâ€triggered vagus nerve stimulation using the AspireSR stimulator. Epileptic Disorders, 2016, 18, 155-162.	1.3	17
64	Neuroimaging and electrophysiology meet invasive neurostimulation for causal interrogations and modulations of brain states. NeuroImage, 2020, 220, 117144.	4.2	17
65	Unilateral contrast-enhancing pontomedullary lesion due to an intracranial dural arteriovenous fistula with perimedullary spinal venous drainage: the exception that proves the rule. Journal of Neurosurgery, 2015, 123, 1534-1539.	1.6	16
66	Diverging prefrontal cortex fiber connection routes to the subthalamic nucleus and the mesencephalic ventral tegmentum investigated with long range (normative) and short range (ex-vivo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.3	16
67	One Pass Thalamic and Subthalamic Stimulation for Patients with Tremor-Dominant Idiopathic Parkinson Syndrome (OPINION): Protocol for a Randomized, Active-Controlled, Double-Blinded Pilot Trial. JMIR Research Protocols, 2018, 7, e36.	1.0	16
68	Virtual placement of posterior C1-C2 transarticular screw fixation. Neurosurgical Review, 2006, 29, 114-117.	2.4	15
69	How useful is the 3-dimensional, surgeonâ€™s perspective-adjusted visualisation of the vessel anatomy during aneurysm surgery? A prospective clinical trial. Neurosurgical Review, 2007, 30, 209-217.	2.4	15
70	Deep Brain Stimulation of the Medial Forebrain Bundle in a Rodent Model of Depression: Exploring Dopaminergic Mechanisms with Raclopride and Micro-PET. Stereotactic and Functional Neurosurgery, 2020, 98, 8-20.	1.5	15
71	Burst firing of single neurons in the human medial temporal lobe changes before epileptic seizures. Clinical Neurophysiology, 2016, 127, 3329-3334.	1.5	14
72	Novel compound heterozygous synaptojaninâ€1 mutation causes <scp>l</scp>â€dopaâ€responsive dystoniaâ€parkinsonism syndrome. Movement Disorders, 2017, 32, 478-480.	3.9	14

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73	Deep brain stimulation of the supero-lateral branch of the medial forebrain bundle does not lead to changes in personality in patients suffering from severe depression. Psychological Medicine, 2018, 48, 2684-2692.	4.5	14
74	Discontinuation of Superolateral Medial Forebrain Bundle Deep Brain Stimulation for Treatment-Resistant Depression Leads to Critical Relapse. Biological Psychiatry, 2019, 85, e23-e24.	1.3	14
75	The effect of subthalamic nucleus deep brain stimulation on precision grip abnormalities in Parkinson's disease. Parkinsonism and Related Disorders, 2006, 12, 149-154.	2.2	13
76	Stereotactic Catheter Ventriculocisternostomy for Clearance of Subarachnoid Hemorrhage. Stroke, 2017, 48, 2704-2709.	2.0	13
77	Identifying controllable cortical neural markers with machine learning for adaptive deep brain stimulation in Parkinsonâ€™s disease. NeuroImage: Clinical, 2020, 28, 102376.	2.7	13
78	Medial forebrain bundle DBS differentially modulates dopamine release in the nucleus accumbens in a rodent model of depression. Experimental Neurology, 2020, 327, 113224.	4.1	13
79	Integrity Assessment of a Hybrid DBS Probe that Enables Neurotransmitter Detection Simultaneously to Electrical Stimulation and Recording. Micromachines, 2018, 9, 510.	2.9	12
80	Stimulated Raman histology in the neurosurgical workflow of a major European neurosurgical center â€” part A. Neurosurgical Review, 2022, 45, 1731-1739.	2.4	12
81	Continuous High-Frequency Stimulation of the Subthalamic Nucleus Improves Cell Survival and Functional Recovery Following Dopaminergic Cell Transplantation in Rodents. Neurorehabilitation and Neural Repair, 2015, 29, 1001-1012.	2.9	11
82	Autonomy in Depressive Patients Undergoing DBS-Treatment: Informed Consent, Freedom of Will and DBSâ€™ Potential to Restore It. Frontiers in Integrative Neuroscience, 2017, 11, 11.	2.1	10
83	Automatic Segmentation of the Subthalamic Nucleus: A Viable Option to Support Planning and Visualization of Patient-Specific Targeting in Deep Brain Stimulation. Operative Neurosurgery, 2019, 17, 497-502.	0.8	10
84	Application of Augmented Reality in Percutaneous Proceduresâ€”Rhizotomy of the Gasserian Ganglion. Operative Neurosurgery, 2021, 21, 160-164.	0.8	10
85	Quality of Life After Deep Brain Stimulation of Pediatric Patients with Dyskinetic Cerebral Palsy: A Prospective, Singleâ€Arm, Multicenter Study with a Subsequent Randomized Doubleâ€Blind Crossover (<scp>STIMâ€CP</scp>). Movement Disorders, 2022, 37, 799-811.	3.9	10
86	A case of tremor reduction and almost complete ageusia under bilateral thalamic (VIM) deep brain stimulation in essential tremorâ€”a therapeutic dilemma. Acta Neurochirurgica, 2011, 153, 2361-2363.	1.7	8
87	A novel rescue therapy for cerebral vasospasm: Cisternal Nimodipine application via stereotactic catheter ventriculocisternostomy. Journal of Clinical Neuroscience, 2019, 63, 244-248.	1.5	8
88	Impact of Stereotactic Ventriculocisternostomy on Delayed Cerebral Infarction and Outcome After Subarachnoid Hemorrhage. Stroke, 2020, 51, 431-439.	2.0	8
89	Stereotactic Catheter Ventriculocisternostomy for Clearance of Subarachnoid Hemorrhage in Patients with Coiled Aneurysms. Operative Neurosurgery, 2018, 14, 231-235.	0.8	8
90	Stereotactic cysto-ventricular catheters in craniopharyngiomas: an effective minimally invasive method to improve visual impairment and achieve long-term cyst volume reduction. Neurosurgical Review, 2021, 44, 3411-3420.	2.4	7

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91	Acute antidepressant effects of deep brain stimulation â€“ Review and data from slMFB-stimulation. Personalized Medicine in Psychiatry, 2017, 3, 1-7.	0.1	6
92	Combination of CT angiography and MRI in surgical planning of deep brain stimulation. Neuroradiology, 2018, 60, 1151-1158.	2.2	6
93	A subgaleal electrode array for neurostimulation allows the recording of relevant information in closed loop applications. Journal of Neuroscience Methods, 2021, 362, 109295.	2.5	6
94	DTI for brain targeting: Diffusion weighted imaging fiber tractographyâ€"Assisted deep brain stimulation. International Review of Neurobiology, 2021, 159, 47-67.	2.0	6
95	Electrode placement for SEEG: Combining stereotactic technique with latest generation planning software for intraoperative visualization and postoperative evaluation of accuracy and accuracy predictors. Clinical Neurology and Neurosurgery, 2022, 213, 107137.	1.4	6
96	Development of a Standardized Cranial Phantom for Training and Optimization of Functional Stereotactic Operations. Stereotactic and Functional Neurosurgery, 2018, 96, 190-196.	1.5	5
97	A detailed analysis of anatomical plausibility of crossed and uncrossed streamline rendition of the dentato-rubro-thalamic tract (DRT(T)) in a commercial stereotactic planning system. Acta Neurochirurgica, 2021, 163, 2809-2824.	1.7	5
98	Efficacy of superolateral medial forebrain bundle deep brain stimulation in obsessive-compulsive disorder. Brain Stimulation, 2022, 15, 582-585.	1.6	5
99	Rapid battery depletion and loss of therapy due to a short circuit in bipolar DBS for essential tremor. Acta Neurochirurgica, 2017, 159, 795-798.	1.7	4
100	Feasibility of stereotactic catheter ventriculocisternostomy for cisternal lavage therapy in patients with subarachnoid hemorrhage. Clinical Neurology and Neurosurgery, 2017, 163, 94-102.	1.4	4
101	Optogenetic stimulation of ventral tegmental area dopaminergic neurons in a female rodent model of depression: The effect of different stimulation patterns. Journal of Neuroscience Research, 2022, 100, 897-911.	2.9	4
102	â€œThe Heart Asks Pleasure Firstâ€â€"Conceptualizing Psychiatric Diseases as MAINTENANCE Network Dysfunctions through Insights from slMFB DBS in Depression and Obsessiveâ€“Compulsive Disorder. Brain Sciences, 2022, 12, 438.	2.3	4
103	Resolving dyskinesias at sustained anti-OCD efficacy by steering of DBS away from the anteromedial STN to the mesencephalic ventral tegmentum â€“ case report. Acta Neurochirurgica, 2022, 164, 2303-2307.	1.7	4
104	Letter to the Editor: Correlation of diffusion tensor imaging and intraoperative macrostimulation. Journal of Neurosurgery, 2015, 123, 291-292.	1.6	3
105	The stereotactic suboccipitaltranscerebellar approach to lesions of the brainstem and the cerebellum. Clinical Neurology and Neurosurgery, 2018, 166, 10-15.	1.4	3
106	Bilateral Globus Pallidus Internus Deep Brain Stimulation in a Case of Progressive Dystonia in Mohr-Tranebjaerg Syndrome with Bilateral Cochlear Implants. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2019, 80, 044-048.	0.8	3
107	Invasive brain stimulation in the treatment of psychiatric illnessâ€"proposed indications and approaches. Deutsches Ärzteblatt International, 2021, 118, 31-36.	0.9	3
108	SPECTRE â€"A novel dMRI visualization technique for the display of cerebral connectivity. Human Brain Mapping, 2021, 42, 2309-2321.	3.6	3

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109	Slow Wave Sleep Deficits in the Flinders Sensitive Line Rodent Model of Depression: Effects of Medial Forebrain Bundle Deep-Brain Stimulation. Neuroscience, 2022, 498, 31-49.	2.3	3
110	Johann Bernhard Aloys von Gudden: The Unrecognized Role of the Psychiatrist and Neuroanatomist in Modern Stereotactic Neurosurgery. Stereotactic and Functional Neurosurgery, 2020, 98, 65-69.	1.5	2
111	Navigated Deep Brain Stimulation Surgery: Evaluating the Combined Use of a Frame-Based Stereotactic System and a Navigation System. Stereotactic and Functional Neurosurgery, 2021, 99, 48-54.	1.5	2
112	The rostro-caudal gradient in the prefrontal cortex and its modulation by subthalamic deep brain stimulation in Parkinsonâ€™s disease. Scientific Reports, 2021, 11, 2138.	3.3	2
113	Stereotactic cisternal lavage in patients with aneurysmal subarachnoid hemorrhage with urokinase and nimodipine for the prevention of secondary brain injury (SPLASH): study protocol for a randomized controlled trial. Trials, 2021, 22, 285.	1.6	2
114	A Neuroanatomy of Positive Affect Display â€“ Subcortical Fiber Pathways Relevant for Initiation and Modulation of Smiling and Laughing. Frontiers in Behavioral Neuroscience, 2022, 16, 817554.	2.0	2
115	Reply:. American Journal of Neuroradiology, 2017, 38, E106-E108.	2.4	1
116	Deep Brain Stimulation for Major Depression and Obsessive-Compulsive Disorderâ€”Discontinuation of Ongoing Stimulation. Psych, 2020, 2, 174-185.	1.6	1
117	Robust intra-individual estimation of structural connectivity by Principal Component Analysis. NeuroImage, 2021, 226, 117483.	4.2	1
118	Early cisternal fibrinolysis is more effective than rescue spasmolysis for the prevention of delayed infarction after subarachnoid haemorrhage. Stroke and Vascular Neurology, 2022, 7, 108-113.	3.3	1
119	DBS dysfunction mimicking transient ischemic attacksâ€”a case report. Acta Neurochirurgica, 2020, 162, 1077-1079.	1.7	0
120	Thereâ€™s more to the picture than meets the eye. Acta Neurochirurgica, 2020, 162, 1869-1870.	1.7	0
121	Commentary: Posteromedial Hypothalamic Deep Brain Stimulation for Refractory Aggressiveness in a Patient With Weaver Syndrome: Clinical, Technical Report and Operative Video. Operative Neurosurgery, 2021, 21, E226-E228.	0.8	0
122	Fiber tractography-assisted deep brain stimulation surgery: Connectomics in the operating room. , 2022, , 465-481.		0
123	Tremor. , 2020, , 193-215.		0
124	Acute head- and gaze deviation, facial asymmetry and anarthria mimicking stroke, caused by short circuit in deep brain stimulation. Brain Stimulation, 2022, 15, 257-259.	1.6	0