

# Peter Reinacher

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

3,065  
citations

201674

27  
h-index

189892

50  
g-index

110  
all docs

110  
docs citations

110  
times ranked

4166  
citing authors

#	ARTICLE	IF	CITATIONS
1	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 ETQq1 1 02784314 mgBT /Over	2.7	14
2	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
3	Mitigation of Blood Load Impact in Patients with Subarachnoid Hemorrhage by Cisternal Lavage. Cerebrovascular Diseases, 2022, 51, 499-505.	1.7	3
4	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
5	Diffusion Microstructure Imaging to Analyze Perilesional T2 Signal Changes in Brain Metastases and Glioblastomas. Cancers, 2022, 14, 1155.	3.7	7
6	“The Heart Asks Pleasure First” Conceptualizing Psychiatric Diseases as MAINTENANCE Network Dysfunctions through Insights from sLMFB DBS in Depression and Obsessive-Compulsive Disorder. Brain Sciences, 2022, 12, 438.	2.3	4
7	A Neuroanatomy of Positive Affect Display “ Subcortical Fiber Pathways Relevant for Initiation and Modulation of Smiling and Laughing. Frontiers in Behavioral Neuroscience, 2022, 16, 817554.	2.0	2
8	Basic Surveillance Parameters Improve the Prediction of Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage. Frontiers in Neurology, 2022, 13, 774720.	2.4	0
9	Patient radiation exposure from intraoperative computed tomography in spinal surgery. Spine Journal, 2022, , .	1.3	4
10	Efficacy of superolateral medial forebrain bundle deep brain stimulation in obsessive-compulsive disorder. Brain Stimulation, 2022, 15, 582-585.	1.6	5
11	Neuropathological interpretation of stimulated Raman histology images of brain and spine tumors: part B. Neurosurgical Review, 2022, 45, 1721-1729.	2.4	15
12	Stimulated Raman histology in the neurosurgical workflow of a major European neurosurgical center “ part A. Neurosurgical Review, 2022, 45, 1731-1739.	2.4	12
13	Augmented reality“assisted craniofacial reconstruction in skull base lesions “ an innovative technique for single-step resection and cranioplasty in neurosurgery. Neurosurgical Review, 2022, 45, 2745-2755.	2.4	7
14	Resolving dyskinesias at sustained anti-OCD efficacy by steering of DBS away from the anteromedial STN to the mesencephalic ventral tegmentum “ case report. Acta Neurochirurgica, 2022, 164, 2303-2307.	1.7	4
15	Deep brain stimulation electrodes may rotate after implantation“an animal study. Neurosurgical Review, 2021, 44, 2349-2353.	2.4	13
16	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
17	Surgery for IDH1/2 wild-type glioma invading the corpus callosum. Acta Neurochirurgica, 2021, 163, 937-945.	1.7	18
18	Do directional deep brain stimulation leads rotate after implantation?. Acta Neurochirurgica, 2021, 163, 197-203.	1.7	12

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19	Physiological Ripples Associated With Sleep Spindles Can Be Identified in Patients With Refractory Epilepsy Beyond Mesio-Temporal Structures. <i>Frontiers in Neurology</i> , 2021, 12, 612293.	2.4	8
20	SPECTRE – A novel dMRI visualization technique for the display of cerebral connectivity. <i>Human Brain Mapping</i> , 2021, 42, 2309-2321.	3.6	3
21	Laser ablation of bone tissue with Q-switched infrared laser sources for neurosurgical applications. , 2021, , .		0
22	Stereotactic cysto-ventricular catheters in craniopharyngiomas: an effective minimally invasive method to improve visual impairment and achieve long-term cyst volume reduction. <i>Neurosurgical Review</i> , 2021, 44, 3411-3420.	2.4	7
23	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. <i>Trials</i> , 2021, 22, 285.	1.6	2
24	3D X-ray based visualization of directional deep brain stimulation lead orientation. <i>Journal of Neuroradiology</i> , 2021, , .	1.1	5
25	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. <i>Acta Neurochirurgica</i> , 2021, 163, 2809-2824.	1.7	5
26	Application of Augmented Reality in Percutaneous Procedures – Rhizotomy of the Gasserian Ganglion. <i>Operative Neurosurgery</i> , 2021, 21, 160-164.	0.8	10
27	Patterns of intracerebral hemorrhage that result in unfavorable outcomes in patients with subarachnoid hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , 2021, 205, 106603.	1.4	0
28	Interictal spikes with and without high-frequency oscillation have different single-neuron correlates. <i>Brain</i> , 2021, 144, 3078-3088.	7.6	30
29	A neural code for egocentric spatial maps in the human medial temporal lobe. <i>Neuron</i> , 2021, 109, 2781-2796.e10.	8.1	45
30	A subgaleal electrode array for neurostimulation allows the recording of relevant information in closed loop applications. <i>Journal of Neuroscience Methods</i> , 2021, 362, 109295.	2.5	6
31	Profiling of Circulating Tumor DNA for Noninvasive Disease Detection, Risk Stratification, and MRD Monitoring in Patients with CNS Lymphoma. <i>Blood</i> , 2021, 138, 6-6.	1.4	15
32	Introduction of cisternal lavage leads to avoidance of induced hypertension and reduced cardiovascular complications in patients with subarachnoid hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 286-291.	1.5	0
33	Impact of Stereotactic Ventriculocisternostomy on Delayed Cerebral Infarction and Outcome After Subarachnoid Hemorrhage. <i>Stroke</i> , 2020, 51, 431-439.	2.0	8
34	Identifying controllable cortical neural markers with machine learning for adaptive deep brain stimulation in Parkinson – s disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102376.	2.7	13
35	Stable high frequency background EEG activity distinguishes epileptic from healthy brain regions. <i>Brain Communications</i> , 2020, 2, fcaa107.	3.3	4
36	Deep Brain Stimulation for Major Depression and Obsessive-Compulsive Disorder – Discontinuation of Ongoing Stimulation. <i>Psych</i> , 2020, 2, 174-185.	1.6	1

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37	Ibrutinib in patients with relapsed/refractory central nervous system lymphoma: A retrospective single-centre analysis. <i>British Journal of Haematology</i> , 2020, 190, e110-e114.	2.5	10
38	Distinct ictal hippocampal sharp transients in scalp EEG. <i>Clinical Neurophysiology</i> , 2020, 131, 1925-1927.	1.5	3
39	There's more to the picture than meets the eye. <i>Acta Neurochirurgica</i> , 2020, 162, 1869-1870.	1.7	0
40	In vivo-assessment of the human temporal network: Evidence for asymmetrical effective connectivity. <i>NeuroImage</i> , 2020, 214, 116769.	4.2	12
41	The dentato-rubro-thalamic tract as the potential common deep brain stimulation target for tremor of various origin: an observational case series. <i>Acta Neurochirurgica</i> , 2020, 162, 1053-1066.	1.7	73
42	Surgical decision making for deep brain stimulation should not be based on aggregated normative data mining. <i>Brain Stimulation</i> , 2019, 12, 1345-1348.	1.6	24
43	Hippocampal theta phases organize the reactivation of large-scale electrophysiological representations during goal-directed navigation. <i>Science Advances</i> , 2019, 5, eaav8192.	10.3	56
44	Freiburg Neuropathology Case Conference. <i>Clinical Neuroradiology</i> , 2019, 29, 797-804.	1.9	1
45	An Easy-to-Use and Fast Assessment of Patient-Specific DBS-Induced Changes in Hand Motor Control in Parkinson's Disease. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 2155-2163.	4.9	11
46	Machine learning-aided personalized DTI tractographic planning for deep brain stimulation of the superolateral medial forebrain bundle using HAMLET. <i>Acta Neurochirurgica</i> , 2019, 161, 1559-1569.	1.7	24
47	Simultaneous Frame-assisted Stereotactic Placement of Subdural Grid Electrodes and Intracerebral Depth Electrodes. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2019, 80, 353-358.	0.8	3
48	Automatic Segmentation of the Subthalamic Nucleus: A Viable Option to Support Planning and Visualization of Patient-Specific Targeting in Deep Brain Stimulation. <i>Operative Neurosurgery</i> , 2019, 17, 497-502.	0.8	10
49	Cisternal lavage via third ventriculostomy through the fenestrated lamina terminalis after aneurysm clipping: Technical note. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 283-286.	1.5	2
50	A novel rescue therapy for cerebral vasospasm: Cisternal Nimodipine application via stereotactic catheter ventriculocisternostomy. <i>Journal of Clinical Neuroscience</i> , 2019, 63, 244-248.	1.5	8
51	Spatial and temporal heterogeneity of mouse and human microglia at single-cell resolution. <i>Nature</i> , 2019, 566, 388-392.	27.8	853
52	Surgical management of lower-grade glioma in the spotlight of the 2016 WHO classification system. <i>Journal of Neuro-Oncology</i> , 2019, 141, 223-233.	2.9	36
53	Bilateral Globus Pallidus Internus Deep Brain Stimulation in a Case of Progressive Dystonia in Mohr-Tranebjaerg Syndrome with Bilateral Cochlear Implants. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2019, 80, 044-048.	0.8	3
54	The dynamics of error processing in the human brain as reflected by high-gamma activity in noninvasive and intracranial EEG. <i>NeuroImage</i> , 2018, 173, 564-579.	4.2	31

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55	The stereotactic suboccipitaltranscerebellar approach to lesions of the brainstem and the cerebellum. <i>Clinical Neurology and Neurosurgery</i> , 2018, 166, 10-15.	1.4	3
56	The oxymoron of image-guided resection in 3â€T MRI-negative extratemporal epilepsy: Technique and postoperative results. <i>Clinical Neurology and Neurosurgery</i> , 2018, 166, 16-22.	1.4	2
57	Atypical Presentation of Rapidâ€onset Dystoniaâ€parkinsonism (DYT12) Unresponsive to Deep Brain Stimulation of the Subthalamic Nucleus. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 427-429.	1.5	10
58	The anatomy of the human medial forebrain bundle: Ventral tegmental area connections to reward-associated subcortical and frontal lobe regions. <i>NeuroImage: Clinical</i> , 2018, 18, 770-783.	2.7	93
59	Hexadirectional Modulation of Theta Power in Human Entorhinal Cortex during Spatial Navigation. <i>Current Biology</i> , 2018, 28, 3310-3315.e4.	3.9	42
60	Combination of CT angiography and MRI in surgical planning of deep brain stimulation. <i>Neuroradiology</i> , 2018, 60, 1151-1158.	2.2	6
61	Tractography-assisted deep brain stimulation of the superolateral branch of the medial forebrain bundle (slMFB DBS) in major depression. <i>NeuroImage: Clinical</i> , 2018, 20, 580-593.	2.7	69
62	Development of a Standardized Cranial Phantom for Training and Optimization of Functional Stereotactic Operations. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 190-196.	1.5	5
63	Stereotactic Catheter Ventriculocisternostomy for Clearance of Subarachnoid Hemorrhage in Patients with Coiled Aneurysms. <i>Operative Neurosurgery</i> , 2018, 14, 231-235.	0.8	8
64	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. <i>JMIR Research Protocols</i> , 2018, 7, e36.	1.0	16
65	The medial forebrain bundle as a target for deep brain stimulation for obsessive-compulsive disorder. <i>CNS Spectrums</i> , 2017, 22, 282-289.	1.2	81
66	Determining the Orientation of Directional Deep Brain Stimulation Electrodes Using 3D Rotational Fluoroscopy. <i>American Journal of Neuroradiology</i> , 2017, 38, 1111-1116.	2.4	57
67	Postoperative neuroimaging analysis of DRT deep brain stimulation revision surgery for complicated essential tremor. <i>Acta Neurochirurgica</i> , 2017, 159, 779-787.	1.7	39
68	Feasibility of stereotactic catheter ventriculocisternostomy for cisternal lavage therapy in patients with subarachnoid hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , 2017, 163, 94-102.	1.4	4
69	Stereotactic Catheter Ventriculocisternostomy for Clearance of Subarachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, 2704-2709.	2.0	13
70	Reply:. <i>American Journal of Neuroradiology</i> , 2017, 38, E106-E108.	2.4	1
71	Mesosopic imaging of glioblastomas: Are diffusion, perfusion and spectroscopic measures influenced by the radiogenetic phenotype?. <i>Neuroradiology Journal</i> , 2017, 30, 36-47.	1.2	11
72	Novel compound heterozygous synaptojaninâ€1 mutation causes <scp>l</scp>â€dopaâ€responsive dystoniaâ€parkinsonism syndrome. <i>Movement Disorders</i> , 2017, 32, 478-480.	3.9	14

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73	Neuronal correlates of rapid learning in the human medial temporal lobe. <i>Journal of Vision</i> , 2017, 17, 483.	0.3	0
74	Residual Tumor Volume as Best Outcome Predictor in Low Grade Glioma – A Nine-Years Near-Randomized Survey of Surgery vs. Biopsy. <i>Scientific Reports</i> , 2016, 6, 32286.	3.3	110
75	One-pass deep brain stimulation of dentato-rubro-thalamic tract and subthalamic nucleus for tremor-dominant or equivalent type Parkinson’s disease. <i>Acta Neurochirurgica</i> , 2016, 158, 773-781.	1.7	50
76	Deep Brain Stimulation for Tremor Tractographic Versus Traditional (DISTINCT): Study Protocol of a Randomized Controlled Feasibility Trial. <i>JMIR Research Protocols</i> , 2016, 5, e244.	1.0	19
77	Surgical Ventricular Entry is a Key Risk Factor for Leptomeningeal Metastasis of High Grade Gliomas. <i>Scientific Reports</i> , 2015, 5, 17758.	3.3	31
78	Giant perivascular spaces causing hemiparesis successfully treated by cystoventriculoperitoneal shunt. <i>British Journal of Neurosurgery</i> , 2015, 29, 100-102.	0.8	0
79	Unilateral contrast-enhancing pontomedullary lesion due to an intracranial dural arteriovenous fistula with perimedullary spinal venous drainage: the exception that proves the rule. <i>Journal of Neurosurgery</i> , 2015, 123, 1534-1539.	1.6	16
80	Diffusion tensor magnetic resonance imaging (DTI) tractography-guided deep brain stimulation in neuropathic pain. <i>Acta Neurochirurgica</i> , 2015, 157, 739-741.	1.7	17
81	Balance and Motor Speech Impairment in Essential Tremor. <i>Cerebellum</i> , 2009, 8, 389-398.	2.5	102
82	Intramedullary hemangioblastomas: timing of surgery, microsurgical technique and follow-up in 23 patients. <i>European Spine Journal</i> , 2008, 17, 882-886.	2.2	61
83	A less invasive surgical concept for the resection of spinal meningiomas. <i>Acta Neurochirurgica</i> , 2008, 150, 551-556.	1.7	45
84	Growth and Rupture Mechanism of Partially Thrombosed Aneurysms. <i>Interventional Neuroradiology</i> , 2007, 13, 117-126.	1.1	83
85	Contrast-enhanced time-resolved 3-D MRA: applications in neurosurgery and interventional neuroradiology. <i>Neuroradiology</i> , 2007, 49, S3-S13.	2.2	40
86	Combined motor and somatosensory evoked potentials for intraoperative monitoring: intra- and postoperative data in a series of 69 operations. <i>Neurosurgical Review</i> , 2007, 30, 109-116.	2.4	94
87	Dynamic 3-D contrast-enhanced angiography of cerebral tumours and vascular malformations. <i>European Radiology, Supplement</i> , 2007, 17, 52-62.	1.4	15
88	The Hyperdense Posterior Cerebral Artery Sign. <i>Stroke</i> , 2006, 37, 399-403.	2.0	63
89	The Effects of Stimulation Pattern and Sevoflurane Concentration on Intraoperative Motor-Evoked Potentials. <i>Anesthesia and Analgesia</i> , 2006, 102, 888-895.	2.2	34
90	Time Resolved 3D MRA. Applications for Interventional Neuroradiology. <i>Interventional Neuroradiology</i> , 2006, 12, 223-231.	1.1	15

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91	Magnetic versus manual guidewire manipulation in neuroradiology: in vitro results. <i>Neuroradiology</i> , 2006, 48, 394-401.	2.2	37
92	Posterior Inferior Cerebellar Artery (PICA) Aneurysm Arising from a Bihemispheric PICA. <i>Klinische Neuroradiologie</i> , 2006, 16, 190-191.	0.9	5
93	Electrophysiological Proof of Diffusion-Weighted Imaging-Derived Depiction of the Deep-Seated Pyramidal Tract in Human. <i>Zentralblatt Fur Neurochirurgie</i> , 2006, 67, 117-122.	0.5	12
94	Informed consent in neurosurgery--translating ethical theory into action. <i>Journal of Medical Ethics</i> , 2006, 32, 497-498.	1.8	27
95	The Modifying Effects of Stimulation Pattern and Propofol Plasma Concentration on Motor-Evoked Potentials. <i>Anesthesia and Analgesia</i> , 2005, 100, 440-447.	2.2	52
96	Gamma knife surgery for atypical meningiomas. <i>Journal of Neurosurgery</i> , 2005, 102, 283-286.	1.6	45
97	Motor Evoked Potentials Following Highly Frequent Transcranial Magneto-electrical Motor Cortex Stimulation: Normal Data and Potential Modulation by Stimulation-Dependent Inhibitory and Activating Mechanisms. <i>Zentralblatt Fur Neurochirurgie</i> , 2005, 66, 105-111.	0.5	0
98	Clinical Applications of 2-D Dynamic Contrast-Enhanced MR Subtraction Angiography in Neurosurgery - Preliminary Results. <i>Zentralblatt Fur Neurochirurgie</i> , 2005, 66, 170-179.	0.5	9
99	Latent abscess formation adjacent to a non-functioning intraventricular catheter. <i>Child's Nervous System</i> , 2003, 19, 119-121.	1.1	15
100	Treatment of Intramedullary Hemangioblastomas, with Special Attention to von Hippel-Lindau Disease. <i>Neurosurgery</i> , 2003, 53, 1306-1314.	1.1	90
101	Quantification of Microglial Late Reaction to Stereotactic Irradiation of the Rat Brain Using Computer-Aided Image Analysis. <i>Experimental Neurology</i> , 1999, 160, 117-123.	4.1	8
102	2138 Anaplastic thyroid carcinoma: Outcome and prognostic factors. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 39, 309.	0.8	8