

# Martin Bendszus

## List of Publications by Year in descending order

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292  
papers

12,353  
citations

47006

47  
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34986

98  
g-index

296  
all docs

296  
docs citations

296  
times ranked

16661  
citing authors

#	ARTICLE	IF	CITATIONS
1	First clinical multicenter experience with the new Pipeline Vantage flow diverter. Journal of NeuroInterventional Surgery, 2023, 15, 63-69.	3.3	12
2	Visibility of liquid embolic agents in fluoroscopy: a systematic in vitro study. Journal of NeuroInterventional Surgery, 2023, 15, 594-599.	3.3	2
3	Transferring neurointerventionalists saves time compared with interhospital transfer of stroke patients for endovascular thrombectomy: a collaborative pooled analysis of 1001 patients (EVEREST). Journal of NeuroInterventional Surgery, 2023, 15, 517-520.	3.3	2
4	Aortic Arch Variations and Supra-aortic Arterial Tortuosity in Stroke Patients Undergoing Thrombectomy. Clinical Neuroradiology, 2023, 33, 49-56.	1.9	3
5	Diagnostic accuracy of automated occlusion detection in CT angiography using e-CTA. International Journal of Stroke, 2022, 17, 77-82.	5.9	16
6	Variability of acquisition phase of computed tomography angiography in acute ischemic stroke in a real-world scenario. European Radiology, 2022, 32, 281-289.	4.5	3
7	Glue, Onyx, Squid or PHIL? Liquid Embolic Agents for the Embolization of Cerebral Arteriovenous Malformations and Dural Arteriovenous Fistulas. Clinical Neuroradiology, 2022, 32, 25-38.	1.9	59
8	The impact of software-based metal artifact reduction on the liquid embolic agent Onyx in cone-beam CT: a systematic in vitro and in vivo study. Journal of NeuroInterventional Surgery, 2022, 14, 832-836.	3.3	6
9	Magnetization Transfer Ratio of Peripheral Nerve and Skeletal Muscle. Clinical Neuroradiology, 2022, 32, 557-564.	1.9	7
10	Characterization and quantification of alcohol-related polyneuropathy by magnetic resonance neurography. European Journal of Neurology, 2022, 29, 573-582.	3.3	6
11	“But it's a nice compromise” Qualitative multicentre study of barriers and facilitators to acute telestroke cooperation in a regional stroke network. European Journal of Neurology, 2022, 29, 208-216.	3.3	6
12	Evidence of Brain Alterations in Noncerebral Falciparum Malaria. Clinical Infectious Diseases, 2022, 75, 11-18.	5.8	10
13	Diffusion MRI in Peripheral Nerves: Optimized $b$ Values and the Role of Non-Gaussian Diffusion. Radiology, 2022, 302, 153-161.	7.3	13
14	Neurological autoimmune diseases following vaccinations against SARS-CoV-2: a case series. European Journal of Neurology, 2022, 29, 555-563.	3.3	85
15	Quantitative assessment of contrast enhancement patterns of the healthy dental pulp by magnetic resonance imaging: A prospective <i>in vivo</i> study. International Endodontic Journal, 2022, 55, 252-262.	5.0	8
16	Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort. Neuro-Oncology, 2022, 24, 1726-1735.	1.2	18
17	Patient Pathways During Acute in-Hospital Stroke Treatment: A Qualitative Multi-Method Study. International Journal of Integrated Care, 2022, 22, 16.	0.2	2
18	Quantitative MR-Neurography at 3.0T: Inter-Scanner Reproducibility. Frontiers in Neuroscience, 2022, 16, 817316.	2.8	3

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19	Transcellular blood-brain barrier disruption in malaria-induced reversible brain edema. Life Science Alliance, 2022, 5, e202201402.	2.8	4
20	Corticosteroids use and neurocognitive functioning in patients with recurrent glioblastoma: Evidence from European Organization for Research and Treatment of Cancer (EORTC) trial 26101. Neuro-Oncology Practice, 2022, 9, 310-316.	1.6	7
21	Quantitative magnetic resonance neurographic characterization of peripheral nerve involvement in manifest and pre-ataxic spinocerebellar ataxia type 3. European Journal of Neurology, 2022, , .	3.3	2
22	Investigation of Experimental Endovascular Air Embolisms Using a New Model for the Generation and Detection of Highly Calibrated Micro Air Bubbles. Journal of Endovascular Therapy, 2022, , 152660282210820.	1.5	3
23	Role of diabetes in collateral status assessed in CT perfusion-derived dynamic CTA in anterior circulation stroke. Neuroradiology, 2022, 64, 1195-1199.	2.2	3
24	Evaluation of MR-neurography in diagnosis and treatment in peripheral nerve surgery of the upper extremity: A matched cohort study. Microsurgery, 2022, 42, 160-169.	1.3	8
25	Spatial Distribution and Long-Term Alterations of Peripheral Nerve Lesions in Schwannomatosis. Diagnostics, 2022, 12, 780.	2.6	0
26	'Exploring outer space': neurovascular optical coherence tomography beyond the vessel wall. Journal of NeuroInterventional Surgery, 2022, 14, neurintsurg-2022-018822.	3.3	0
27	Intraventricular immune checkpoint inhibition with nivolumab in relapsed primary central nervous system lymphoma. Neuro-Oncology Advances, 2022, 4, vda051.	0.7	3
28	Sciatic nerve microvascular permeability in type 2 diabetes decreased in patients with neuropathy. Annals of Clinical and Translational Neurology, 2022, 9, 830-840.	3.7	10
29	Full Reperfusion Without Functional Independence After Mechanical Thrombectomy in the Anterior Circulation. Clinical Neuroradiology, 2022, 32, 987-995.	1.9	11
30	Methodologies and MR Parameters in Quantitative Magnetic Resonance Neurography: A Scoping Review Protocol. Methods and Protocols, 2022, 5, 39.	2.0	0
31	Review of Current Large Core Volume Stroke Thrombectomy Clinical Trials: Controversies and Progress. , 2022, 2, .		5
32	RAPID CT Perfusion-Based Relative CBF Identifies Good Collateral Status Better Than Hypoperfusion Intensity Ratio, CBV-Index, and Time-to-Maximum in Anterior Circulation Stroke. American Journal of Neuroradiology, 2022, 43, 960-965.	2.4	11
33	Reasons for Failed Mechanical Thrombectomy in Posterior Circulation Ischemic Stroke Patients. Clinical Neuroradiology, 2021, 31, 745-752.	1.9	17
34	Brain Magnetic Resonance Imaging Reveals Different Courses of Disease in Pediatric and Adult Cerebral Malaria. Clinical Infectious Diseases, 2021, 73, e2387-e2396.	5.8	37
35	First clinical multicenter experience with the new Scepter Mini microballoon catheter. Journal of NeuroInterventional Surgery, 2021, 13, 261-266.	3.3	33
36	The influence of homeostatic mechanisms on neural regulation of food craving in anorexia nervosa. Psychological Medicine, 2021, 51, 1011-1019.	4.5	3

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37	The effect of intestinal glucose load on neural regulation of food craving. <i>Nutritional Neuroscience</i> , 2021, 24, 109-118.	3.1	7
38	Evaluation of magnetic resonance imaging artifacts caused by fixed orthodontic CAD/CAM retainersâ€”an in vitro study. <i>Clinical Oral Investigations</i> , 2021, 25, 1423-1431.	3.0	13
39	ESTRO ACROP guideline for target volume delineation of skull base tumors. <i>Radiotherapy and Oncology</i> , 2021, 156, 80-94.	0.6	41
40	EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 170-186.	27.6	826
41	In Vivo Visualization of Tissue Damage Induced by Percutaneous Muscle Biopsy via Novel High-Resolution MR Imaging. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1367-1374.	0.4	1
42	Response by Pfaff et al to Letter Regarding Article, â€œDirect Transfer to Angio-Suite Versus Computed Tomography-Transit in Patients Receiving Mechanical Thrombectomy: a Randomized Trialâ€• <i>Stroke</i> , 2021, 52, e28.	2.0	2
43	Combined Perfusion and Permeability Imaging Reveals Different Pathophysiologic Tissue Responses After Successful Thrombectomy. <i>Translational Stroke Research</i> , 2021, 12, 799-807.	4.2	13
44	Assessment of small fiber neuropathy in patients carrying the nonâ€œclassical <scp>Fabry</scp> variant <scp>p.D313Y</scp>. <i>Muscle and Nerve</i> , 2021, 63, 745-750.	2.2	5
45	Individualized blood pressure management during endovascular treatment of acute ischemic stroke under procedural sedation (INDIVIDUATE) â€œ An explorative randomized controlled trial. <i>European Stroke Journal</i> , 2021, 6, 276-282.	5.5	10
46	Dynamics of cerebral perfusion and oxygenation parameters following endovascular treatment of acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2020-017163.	3.3	7
47	BIMG-22. DEEP LEARNING SUPER-RESOLUTION MR SPECTROSCOPIC IMAGING TO MAP TUMOR METABOLISM IN MUTANT IDH GLIOMA PATIENTS. <i>Neuro-Oncology Advances</i> , 2021, 3, i5-i6.	0.7	0
48	A vaccine targeting mutant IDH1 in newly diagnosed glioma. <i>Nature</i> , 2021, 592, 463-468.	27.8	232
49	Diffusion Tensor Imaging of the Sciatic Nerve as a Surrogate Marker for Nerve Functionality of the Upper and Lower Limb in Patients With Diabetes and Prediabetes. <i>Frontiers in Neuroscience</i> , 2021, 15, 642589.	2.8	26
50	Variability of computed tomography angiography coverage of lung parenchyma in acute stroke. <i>Neurological Research and Practice</i> , 2021, 3, 10.	2.0	1
51	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021, 16, 573-584.	5.9	104
52	Primary CNS lymphoma after CLIPPERS: a case series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1348-1349.	1.9	5
53	Imaging Artifacts of Nonadhesive Liquid Embolic Agents in Conventional and Cone-beam CT in aâ€œNovel in Vitro AVM Model. <i>Clinical Neuroradiology</i> , 2021, 31, 1141-1148.	1.9	9
54	Diagnostic biomarkers from proteomic characterization of cerebrospinal fluid in patients with brain malignancies. <i>Journal of Neurochemistry</i> , 2021, 158, 522-538.	3.9	18

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55	Accuracy and reliability of PBV ASPECTS, CBV ASPECTS and NCCT ASPECTS in acute ischaemic stroke: a matched-pair analysis. <i>Neuroradiology Journal</i> , 2021, 34, 585-592.	1.2	4
56	Hemodynamic Status During Endovascular Stroke Treatment: Association of Blood Pressure with Functional Outcome. <i>Neurocritical Care</i> , 2021, 35, 825-834.	2.4	10
57	Reliability and reproducibility of sciatic nerve magnetization transfer imaging and T2 relaxometry. <i>European Radiology</i> , 2021, 31, 9120-9130.	4.5	12
58	Clinical Outcome After Endovascular Thrombectomy in 3 Triage Concepts: A Prospective, Observational Study (NEUROSQUAD). <i>Stroke</i> , 2021, 52, e213-e216.	2.0	7
59	The Impact of Post-contrast Acute Kidney Injury on In-hospital Mortality After Endovascular Thrombectomy in Patients With Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 665614.	2.4	5
60	Concomitant Acute Ischemic Stroke and Upper Extremity Arterial Occlusion: Feasibility of Mechanical Thrombectomy of the Upper Limb Using Neurointerventional Devices and Techniques. <i>Journal of Clinical Medicine</i> , 2021, 10, 3189.	2.4	0
61	What is the impact of head movement on automated CT perfusion mismatch evaluation in acute ischemic stroke?. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017510.	3.3	6
62	Neuroradiological emergency consultations during the first year of the COVID-19 pandemic. <i>Neurological Research and Practice</i> , 2021, 3, 47.	2.0	1
63	Three-dimensional accuracy of partially guided implant surgery based on dental magnetic resonance imaging. <i>Clinical Oral Implants Research</i> , 2021, 32, 1218-1227.	4.5	10
64	Deep Learning-Based Automated Thrombolysis in Cerebral Infarction Scoring: A Timely Proof-of-Principle Study. <i>Stroke</i> , 2021, 52, 3497-3504.	2.0	8
65	Sedation Mode During Endovascular Stroke Treatment in the Posterior Circulation—Is Conscious Sedation for Eligible Patients Feasible?. <i>Frontiers in Neurology</i> , 2021, 12, 711558.	2.4	9
66	Dorsal Root Ganglion Morphometric Changes Under Oxaliplatin Treatment. <i>Clinical Neuroradiology</i> , 2021, , 1.	1.9	1
67	Safety and Efficacy of the FRED Jr Flow Re-Direction Endoluminal Device for Intracranial Aneurysms: Retrospective Multicenter Experience With Emphasis on Midterm Results. <i>Frontiers in Neurology</i> , 2021, 12, 722183.	2.4	7
68	Optimal thresholds to predict long-term outcome after complete endovascular recanalization in acute anterior ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1124-1127.	3.3	6
69	Impact of bridging thrombolysis on clinical outcome in stroke patients undergoing endovascular thrombectomy: a retrospective analysis of a regional stroke registry. <i>Neuroradiology</i> , 2021, 63, 935-941.	2.2	3
70	Imaging Artifacts of Liquid Embolic Agents on Conventional CT in an Experimental in Vitro Model. <i>American Journal of Neuroradiology</i> , 2021, 42, 126-131.	2.4	12
71	Periprocedural Safety and Feasibility of the New LVIS EVO Device for Stent-Assisted Coiling of Intracranial Aneurysms: An Observational Multicenter Study. <i>American Journal of Neuroradiology</i> , 2021, 42, 319-326.	2.4	12
72	Long-term Follow-up and Histological Correlation of Peripheral Nervous System Alterations in Neurofibromatosis Type 2. <i>Clinical Neuroradiology</i> , 2021, , 1.	1.9	4

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73	Iterative Metal Artifact Reduction (iMAR) of the Non-adhesive Liquid Embolic Agent Onyx in Computed Tomography. <i>Clinical Neuroradiology</i> , 2021, , 1.	1.9	2
74	Deep-learning-based synthesis of post-contrast T1-weighted MRI for tumour response assessment in neuro-oncology: a multicentre, retrospective cohort study. <i>The Lancet Digital Health</i> , 2021, 3, e784-e794.	12.3	52
75	Emergency intubation during thrombectomy for acute ischemic stroke in patients under primary procedural sedation. <i>Neurological Research and Practice</i> , 2021, 3, 27.	2.0	1
76	NIMG-01. INTEROBSERVER VARIABILITY OF THE REVISED IMAGING SCORECARD FOR LEPTOMENINGEAL METASTASIS: A JOINT EORTC BRAIN TUMOR GROUP AND RANO EFFORT. <i>Neuro-Oncology</i> , 2021, 23, vi126-vi127.	1.2	1
77	Geometric Reproducibility of Three-Dimensional Oral Implant Planning Based on Magnetic Resonance Imaging and Cone-Beam Computed Tomography. <i>Journal of Clinical Medicine</i> , 2021, 10, 5546.	2.4	2
78	Assessment of Sodium MRI at 7 Tesla as Predictor of Therapy Response and Survival in Glioblastoma Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 782516.	2.8	6
79	Magnetic Resonance Neurography: Improved Diagnosis of Peripheral Neuropathies. <i>Neurotherapeutics</i> , 2021, 18, 2368-2383.	4.4	14
80	Fractional Anisotropy and Troponin T Parallel Structural Nerve Damage at the Upper Extremities in a Group of Patients With Prediabetes and Type 2 Diabetes – A Study Using 3T Magnetic Resonance Neurography. <i>Frontiers in Neuroscience</i> , 2021, 15, 741494.	2.8	2
81	Magnetic Resonance Neurography Reveals Smoking-Associated Decrease in Sciatic Nerve Structural Integrity in Type 2 Diabetes. <i>Frontiers in Neuroscience</i> , 2021, 15, 811085.	2.8	6
82	Comparison of Superior and Inferior Division Occlusions Treated with Endovascular Thrombectomy. <i>Clinical Neuroradiology</i> , 2020, 30, 339-343.	1.9	11
83	Direct Admission vs. Secondary Transfer to a Comprehensive Stroke Center for Thrombectomy. <i>Clinical Neuroradiology</i> , 2020, 30, 795-800.	1.9	15
84	In vivo reliability of 3D cephalometric landmark determination on magnetic resonance imaging: a feasibility study. <i>Clinical Oral Investigations</i> , 2020, 24, 1339-1349.	3.0	14
85	MR Neurography: Normative Values in Correlation to Demographic Determinants in Children and Adolescents. <i>Clinical Neuroradiology</i> , 2020, 30, 671-677.	1.9	5
86	Radiation exposure and fluoroscopy time in mechanical thrombectomy of anterior circulation ischemic stroke depending on the interventionalist's experience – a retrospective single center experience. <i>European Radiology</i> , 2020, 30, 1564-1570.	4.5	17
87	Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts. <i>Stroke</i> , 2020, 51, 335-337.	2.0	25
88	Structural Nerve Remodeling at 3-T MR Neurography Differs between Painful and Painless Diabetic Polyneuropathy in Type 1 or 2 Diabetes. <i>Radiology</i> , 2020, 294, 405-414.	7.3	31
89	Acute thromboses and occlusions of dual layer carotid stents in endovascular treatment of tandem occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 33-37.	3.3	16
90	Peripheral Nerve Diffusion Tensor Imaging. <i>Clinical Neuroradiology</i> , 2020, 30, 679-689.	1.9	8

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91	In vivo comparison of MRI- and CBCT-based 3D cephalometric analysis: beginning of a non-ionizing diagnostic era in craniomaxillofacial imaging?. <i>European Radiology</i> , 2020, 30, 1488-1497.	4.5	30
92	Understanding Diabetic Neuropathyâ€”From Subclinical Nerve Lesions to Severe Nerve Fiber Deficits: A Cross-Sectional Study in Patients With Type 2 Diabetes and Healthy Control Subjects. <i>Diabetes</i> , 2020, 69, 436-447.	0.6	31
93	Collateral Scores in Acute Ischemic Stroke. <i>Clinical Neuroradiology</i> , 2020, 30, 789-793.	1.9	19
94	Comparison of nonâ€”contrastâ€”enhanced dental magnetic resonance imaging and coneâ€”beam computed tomography in assessing the horizontal and vertical components of furcation defects in maxillary molars: An in vivo feasibility study. <i>Journal of Clinical Periodontology</i> , 2020, 47, 1485-1495.	4.9	12
95	Multimodal Predictive Modeling of Endovascular Treatment Outcome for Acute Ischemic Stroke Using Machine-Learning. <i>Stroke</i> , 2020, 51, 3541-3551.	2.0	83
96	Use of dental MRI for radiation-free guided dental implant planning: a prospective, in vivo study of accuracy and reliability. <i>European Radiology</i> , 2020, 30, 6392-6401.	4.5	28
97	Large-scale characterization of the microvascular geometry in development and disease by tissue clearing and quantitative ultramicroscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2096185.	4.3	10
98	Methylome analyses of three glioblastoma cohorts reveal chemotherapy sensitivity markers within DDR genes. <i>Cancer Medicine</i> , 2020, 9, 8373-8385.	2.8	19
99	Ultra-high-field sodium MRI as biomarker for tumor extent, grade and IDH mutation status in glioma patients. <i>NeuroImage: Clinical</i> , 2020, 28, 102427.	2.7	22
100	Direct Transfer to Angio-Suite Versus Computed Tomographyâ€”Transit in Patients Receiving Mechanical Thrombectomy. <i>Stroke</i> , 2020, 51, 2630-2638.	2.0	34
101	The impact of the DWI-FLAIR-mismatch in the ECASS-4 trial â€” A post hoc analysis. <i>European Stroke Journal</i> , 2020, 5, 370-373.	5.5	5
102	Noninvasive Characterization of Tumor Angiogenesis and Oxygenation in Bevacizumab-treated Recurrent Glioblastoma by Using Dynamic Susceptibility MRI: Secondary Analysis of the European Organization for Research and Treatment of Cancer 26101 Trial. <i>Radiology</i> , 2020, 297, 164-175.	7.3	19
103	Diabetic Polyneuropathy Is Associated With Pathomorphological Changes in Human Dorsal Root Ganglia: A Study Using 3T MR Neurography. <i>Frontiers in Neuroscience</i> , 2020, 14, 570744.	2.8	14
104	Assessment of Peripheral Nervous System Alterations in Patients with the Fabry Related GLA-Variant p.A143T. <i>Diagnostics</i> , 2020, 10, 1027.	2.6	4
105	Effect of treatment technique on radiation exposure in mechanical thrombectomy for acute ischaemic stroke: A matched-pair analysis. <i>Neuroradiology Journal</i> , 2020, 33, 286-291.	1.2	6
106	Characterization of experimental diabetic neuropathy using multicontrast magnetic resonance neurography at ultra high field strength. <i>Scientific Reports</i> , 2020, 10, 7593.	3.3	8
107	Validation of diffusion MRI phenotypes for predicting response to bevacizumab in recurrent glioblastoma: post-hoc analysis of the EORTC-26101 trial. <i>Neuro-Oncology</i> , 2020, 22, 1667-1676.	1.2	9
108	Gibbs point field model quantifies disorder in microvasculature of U87-glioblastoma. <i>Journal of Theoretical Biology</i> , 2020, 494, 110230.	1.7	4



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109	Diabetes Increases the Vulnerability of the Cardiac Mitochondrial Network to Criticality. <i>Frontiers in Physiology</i> , 2020, 11, 175.	2.8	8
110	WEB as a combined support and embolization device in a giant partially thrombosed donut-shaped aneurysm. <i>Journal of Clinical Neuroscience</i> , 2020, 75, 210-212.	1.5	4
111	Molecular profiling-based decision for targeted therapies in IDH wild-type glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdz060.	0.7	8
112	Radiation exposure per thrombectomy attempt in modern endovascular stroke treatment in the anterior circulation. <i>European Radiology</i> , 2020, 30, 5039-5047.	4.5	6
113	Bevacizumab-based treatment as salvage therapy in patients with recurrent symptomatic brain metastases. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa038.	0.7	14
114	Radiation exposure in endovascular stroke treatment of acute basilar artery occlusionsâ€”a matched-pair analysis. <i>Neuroradiology</i> , 2020, 62, 1701-1707.	2.2	4
115	Cherry-picking the Wrong Patients?. <i>Clinical Neuroradiology</i> , 2020, 30, 41-42.	1.9	1
116	Clinical Value of Susceptibility Weighted Imaging of Brain Metastases. <i>Frontiers in Neurology</i> , 2020, 11, 55.	2.4	8
117	Impact of slice thickness on clinical utility of automated Alberta Stroke Program Early Computed Tomography Scores. <i>European Radiology</i> , 2020, 30, 3137-3145.	4.5	12
118	Monitoring innate immune cell dynamics in the glioma microenvironment by magnetic resonance imaging and multiphoton microscopy (MR-MPM). <i>Theranostics</i> , 2020, 10, 1873-1883.	10.0	30
119	Analysis of a Surgical Series of 21 Cerebral Radiation Necroses. <i>World Neurosurgery</i> , 2020, 137, e462-e469.	1.3	6
120	Troponin T Parallels Structural Nerve Damage in Type 2 Diabetes: A Cross-sectional Study Using Magnetic Resonance Neurography. <i>Diabetes</i> , 2020, 69, 713-723.	0.6	34
121	Tandem occlusions in acute ischemic stroke â€” impact of antithrombotic medication and complementary heparin on clinical outcome and stent patency. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1088-1093.	3.3	15
122	In vivo accuracy of dental magnetic resonance imaging in assessing maxillary molar furcation involvement: A feasibility study in humans. <i>Journal of Clinical Periodontology</i> , 2020, 47, 809-815.	4.9	18
123	Magnetization transfer ratio quantifies polyneuropathy in hereditary transthyretin amyloidosis. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 799-807.	3.7	20
124	Effect of mode of anesthesia on radiation exposure in patients undergoing endovascular recanalization of anterior circulation embolic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 455-459.	3.3	5
125	Brain tumor classification of virtual NMR voxels based on realistic blood vesselâ€”induced spin dephasing using support vector machines. <i>NMR in Biomedicine</i> , 2020, , e4307.	2.8	4
126	Visualization of Direct Median Nerve Damage Following Transbrachial Arterial Access. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1265-1266.	2.9	4



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127	Fascicular torsions of the anterior and posterior interosseous nerve in 4 cases: neuroimaging methods to improve diagnosis. <i>Journal of Neurosurgery</i> , 2020, 132, 1925-1929.	1.6	8
128	Vascular Malformations of the Brain and Its Coverings. <i>Journal of Neuroendovascular Therapy</i> , 2020, 14, 285-294.	0.1	0
129	Image-guided percutaneous sclerotherapy of venous malformations of the head and neck: Clinical and MR-based volumetric mid-term outcome. <i>PLoS ONE</i> , 2020, 15, e0241347.	2.5	4
130	Chemical exchange saturation transfer (CEST) signal intensity at 7T MRI of WHO IV <sup>A</sup> gliomas is dependent on the anatomic location. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 777-785.	3.4	27
131	Vessel architecture imaging using multiband gradient-echo/spin-echo EPI. <i>PLoS ONE</i> , 2019, 14, e0220939.	2.5	18
132	Automated brain extraction of multisequence MRI using artificial neural networks. <i>Human Brain Mapping</i> , 2019, 40, 4952-4964.	3.6	284
133	Glioblastoma multiforme restructures the topological connectivity of cerebrovascular networks. <i>Scientific Reports</i> , 2019, 9, 11757.	3.3	26
134	Peripheral nervous system alterations in infant and adult neurofibromatosis type 2. <i>Neurology</i> , 2019, 93, e590-e598.	1.1	13
135	In vivo accuracy of tooth surface reconstruction based on CBCT and dental MRI – A clinical pilot study. <i>Clinical Oral Implants Research</i> , 2019, 30, 920-927.	4.5	16
136	Volumetric assessment of glioblastoma and its predictive value for survival. <i>Acta Neurochirurgica</i> , 2019, 161, 1723-1732.	1.7	18
137	Quantitative MR neurography biomarkers in 5q-linked spinal muscular atrophy. <i>Neurology</i> , 2019, 93, e653-e664.	1.1	24
138	The KEEP SIMPLEST Study: Improving In-House Delays and Periinterventional Management in Stroke Thrombectomy – A Matched Pair Analysis. <i>Neurocritical Care</i> , 2019, 31, 46-55.	2.4	12
139	Location-Dependent Patient Outcome and Recurrence Patterns in IDH1-Wildtype Glioblastoma. <i>Cancers</i> , 2019, 11, 122.	3.7	25
140	Association of Serum Cholesterol Levels With Peripheral Nerve Damage in Patients With Type 2 Diabetes. <i>JAMA Network Open</i> , 2019, 2, e194798.	5.9	46
141	Extending thrombolysis to 4.5–9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. <i>Lancet</i> , The, 2019, 394, 139-147.	13.7	321
142	RhoA regulates translation of the Nogo-A decoy SPARC in white matter-invading glioblastomas. <i>Acta Neuropathologica</i> , 2019, 138, 275-293.	7.7	6
143	Amyotrophic Lateral Sclerosis versus Multifocal Motor Neuropathy: Utility of MR Neurography. <i>Radiology</i> , 2019, 292, 149-156.	7.3	22
144	Acyl-CoA-Binding Protein Drives Glioblastoma Tumorigenesis by Sustaining Fatty Acid Oxidation. <i>Cell Metabolism</i> , 2019, 30, 274-289.e5.	16.2	115

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145	Association Between Tumor Compartment Volumes, the Incidence of Pretreatment Seizures, and Statin-Mediated Protective Effects in Glioblastoma. <i>Neurosurgery</i> , 2019, 85, E722-E729.	1.1	17
146	Prevalence of fascicular hyperintensities in peripheral nerves of healthy individuals with regard to cerebral white matter lesions. <i>European Radiology</i> , 2019, 29, 3480-3487.	4.5	3
147	Dorsal root ganglia volume is increased in patients with the Fabry-related GLA variant p.D313Y. <i>Journal of Neurology</i> , 2019, 266, 1332-1339.	3.6	11
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290	Final results of APG101_CD_002: APG101 plus reirradiation versus reirradiation in the treatment of patients with progressive glioblastoma.. <i>Journal of Clinical Oncology</i> , 2014, 32, 2006-2006.	1.6	2
291	APG101_CD_002: A phase II, randomized, open-label, multicenter study of weekly APG101 plus reirradiation versus reirradiation in the treatment of patients with recurrent glioblastoma.. <i>Journal of Clinical Oncology</i> , 2012, 30, 2034-2034.	1.6	7
292	Deep Learning Super-resolution MR Spectroscopic Imaging of Brain Metabolism and Mutant IDH Glioma. <i>Neuro-Oncology Advances</i> , 0, , .	0.7	2