

Manuel A Schmidt

List of Publications by Year in descending order

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46
papers

523
citations

759233

12
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47
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47
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear projection-based chemical exchange saturation transfer parameter estimation. <i>NMR in Biomedicine</i> , 2023, 36, e4697.	2.8	7
2	7 tricks for 7 T CEST: Improving the reproducibility of multipool evaluation provides insights into the effects of age and the early stages of Parkinson's disease. <i>NMR in Biomedicine</i> , 2023, 36, e4717.	2.8	9
3	Direct imaging of white matter ultrashort T_2 components at 7 Tesla. <i>Magnetic Resonance Imaging</i> , 2022, 86, 107-117.	1.8	9
4	Pulsed Arterial Spin Labeling and Segmented Brain Volumetry in the Diagnostic Evaluation of Frontotemporal Dementia, Alzheimer's Disease and Mild Cognitive Impairment. <i>Tomography</i> , 2022, 8, 229-244.	1.8	4
5	Transient Enlargement in Meningiomas Treated with Stereotactic Radiotherapy. <i>Cancers</i> , 2022, 14, 1547.	3.7	3
6	Clinical Evaluation of an Innovative Metal-Artifact-Reduction Algorithm in FD-CT Angiography in Cerebral Aneurysms Treated by Endovascular Coiling or Surgical Clipping. <i>Diagnostics</i> , 2022, 12, 1140.	2.6	3
7	Deep learning for brain metastasis detection and segmentation in longitudinal MRI data. <i>Medical Physics</i> , 2022, 49, 5773-5786.	3.0	10
8	Effects of Hippocampal Sparing Radiotherapy on Brain Microstructure: A Diffusion Tensor Imaging Analysis. <i>Brain Sciences</i> , 2022, 12, 879.	2.3	3
9	Quantitative Corticospinal Tract Assessment in Acute Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2021, 12, 540-549.	4.2	6
10	Stent-Assisted Coiling Using Leo+ Baby Stent. <i>Clinical Neuroradiology</i> , 2021, 31, 409-416.	1.9	14
11	Whole-brain quantitative CEST MRI at 7T using parallel transmission methods and correction. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 346-362.	3.0	11
12	First German Guideline on Diagnostics and Therapy of Clinically Non-Functioning Pituitary Tumors. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2021, 129, 250-264.	1.2	12
13	Pulseq-CEST: Towards multi-site multi-vendor compatibility and reproducibility of CEST experiments using an open-source sequence standard. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1845-1858.	3.0	33
14	Brain tissues have single-voxel signatures in multi-spectral MRI. <i>NeuroImage</i> , 2021, 234, 117986.	4.2	3
15	The anesthetic approach for endovascular recanalization therapy depends on the lesion site in acute ischemic stroke. <i>Neuroradiology</i> , 2021, 63, 2121-2129.	2.2	1
16	Artificial Intelligence-Based 3D Angiography for Visualization of Complex Cerebrovascular Pathologies. <i>American Journal of Neuroradiology</i> , 2021, 42, 1762-1768.	2.4	2
17	Fast online-customized (FOCUS) parallel transmission pulses: A combination of universal pulses and individual optimization. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3140-3153.	3.0	29
18	A Comparison of Single- and Multiparametric MRI Models for Differentiation of Recurrent Glioblastoma from Treatment-Related Change. <i>Diagnostics</i> , 2021, 11, 2281.	2.6	0

#	ARTICLE	IF	CITATIONS
19	Evaluation of an Artificial Intelligence-Based 3D-Angiography for Visualization of Cerebral Vasculature. <i>Clinical Neuroradiology</i> , 2020, 30, 705-712.	1.9	13
20	Voxel-wise lesion mapping of self-reported urinary incontinence in multiple sclerosis. <i>Neurourology and Urodynamics</i> , 2020, 39, 295-302.	1.5	3
21	Standardized acquisition and post-processing of dynamic susceptibility contrast perfusion in patients with brain tumors, cerebrovascular disease and dementia: comparability of post-processing software. <i>British Journal of Radiology</i> , 2020, 93, 20190543.	2.2	3
22	Classification of Primary Cerebral Lymphoma and Glioblastoma Featuring Dynamic Susceptibility Contrast and Apparent Diffusion Coefficient. <i>Brain Sciences</i> , 2020, 10, 886.	2.3	13
23	FSRT vs. SRS in Brain Metastases—Differences in Local Control and Radiation Necrosis—A Volumetric Study. <i>Frontiers in Oncology</i> , 2020, 10, 559193.	2.8	29
24	Evidence for improved survival with bevacizumab treatment in recurrent high-grade gliomas: a retrospective study with (pseudo-randomized) treatment allocation by the health insurance provider. <i>Journal of Neuro-Oncology</i> , 2020, 148, 373-379.	2.9	7
25	DSC Brain Perfusion Using Advanced Deconvolution Models in the Diagnostic Work-Up of Dementia and Mild Cognitive Impairment: A Semiquantitative Comparison with HMPAO-SPECT-Brain Perfusion. <i>Journal of Clinical Medicine</i> , 2020, 9, 1800.	2.4	6
26	Magnetic resonance imaging for brain stereotactic radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 444-456.	2.0	43
27	Early Mortality of Brain Cancer Patients and its Connection to Cytomegalovirus Reactivation During Radiochemotherapy. <i>Clinical Cancer Research</i> , 2020, 26, 3259-3270.	7.0	13
28	Volumetric Regression in Brain Metastases After Stereotactic Radiotherapy: Time Course, Predictors, and Significance. <i>Frontiers in Oncology</i> , 2020, 10, 590980.	2.8	13
29	Ascending Axonal Degeneration of the Corticospinal Tract in Pure Hereditary Spastic Paraplegia: A Cross-Sectional DTI Study. <i>Brain Sciences</i> , 2019, 9, 268.	2.3	10
30	Quantitative and Qualitative Comparison of 4D-DSA with 3D-DSA Using Computational Fluid Dynamics Simulations in Cerebral Aneurysms. <i>American Journal of Neuroradiology</i> , 2019, 40, 1505-1510.	2.4	7
31	High resolution time-of-flight MR-angiography at 7T exploiting VERSE saturation, compressed sensing and segmentation. <i>Magnetic Resonance Imaging</i> , 2019, 63, 193-204.	1.8	23
32	Endovascular treatment in patients with large vessel occlusion: reduced mortality despite minimal penumbra. <i>Neuroradiology</i> , 2019, 61, 1469-1476.	2.2	2
33	Transient naming deficits associated with insular lesions in a patient with encephalitis. <i>Neurocase</i> , 2019, 25, 243-250.	0.6	0
34	Angioedema in Stroke Patients With Thrombolysis. <i>Stroke</i> , 2019, 50, 1682-1687.	2.0	20
35	No evidence of disease activity status over 3 years in a real-world cohort of relapsing remitting MS patients in Germany. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 133-138.	2.0	11
36	FLAIRfusion Processing with Contrast Inversion. <i>Clinical Neuroradiology</i> , 2018, 28, 367-376.	1.9	9

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37	Brain volume reduction after whole-brain radiotherapy: quantification and prognostic relevance. <i>Neuro-Oncology</i> , 2018, 20, 268-278.	1.2	14
38	Symmetric tract-based spatial statistics of patients with left versus right mesial temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroReport</i> , 2018, 29, 1309-1314.	1.2	2
39	Investigation of lateral geniculate nucleus volume and diffusion tensor imaging in patients with normal tension glaucoma using 7 tesla magnetic resonance imaging. <i>PLoS ONE</i> , 2018, 13, e0198830.	2.5	28
40	Prospective intraindividual comparison of gadoterate and gadobutrol for cervical and intracranial contrast-enhanced magnetic resonance angiography. <i>Neuroradiology</i> , 2017, 59, 1233-1239.	2.2	7
41	Ultra high-field SWI of the substantia nigra at 7T: reliability and consistency of the swallow-tail sign. <i>BMC Neurology</i> , 2017, 17, 194.	1.8	35
42	Study of the impact of cytomegalovirus-encephalopathy on survival of brain cancer patients undergoing treatment with radio(chemo)therapy.. <i>Journal of Clinical Oncology</i> , 2017, 35, 2036-2036.	1.6	0
43	Frequent occurrence of therapeutically reversible CMV-associated encephalopathy during radiotherapy of the brain. <i>Neuro-Oncology</i> , 2016, 18, 1664-1672.	1.2	21
44	Frequent occurrence of therapeutically reversible cmv-associated encephalopathy during radiotherapy of the brain.. <i>Journal of Clinical Oncology</i> , 2016, 34, e13507-e13507.	1.6	0
45	DTI Analysis in Patients with Primary Open-Angle Glaucoma: Impact of Registration on Voxel-Wise Statistics. <i>PLoS ONE</i> , 2014, 9, e99344.	2.5	7
46	Circulating regulatory T cells of cancer patients receiving radiochemotherapy may be useful to individualize cancer treatment. <i>Radiotherapy and Oncology</i> , 2012, 104, 131-138.	0.6	22