Manuel A Schmidt

List of Publications by Year
in descending order

46 papers	523 citations	759233 12 h-index	794594 19 g-index
47 all docs	47 docs citations	47 times ranked	811 citing authors

#	Article	IF	Citations
1	Magnetic resonance imaging for brain stereotactic radiotherapy. Strahlentherapie Und Onkologie, 2020, 196, 444-456.	2.0	43
2	Ultra high-field SWI of the substantia nigra at 7T: reliability and consistency of the swallow-tail sign. BMC Neurology, 2017, 17, 194.	1.8	35
3	Pulseqâ€CEST: Towards multiâ€site multiâ€vendor compatibility and reproducibility of CEST experiments using an openâ€source sequence standard. Magnetic Resonance in Medicine, 2021, 86, 1845-1858.	3.0	33
4	FSRT vs. SRS in Brain Metastasesâ€"Differences in Local Control and Radiation Necrosisâ€"A Volumetric Study. Frontiers in Oncology, 2020, 10, 559193.	2.8	29
5	Fast onlineâ€customized (FOCUS) parallel transmission pulses: A combination of universal pulses and individual optimization. Magnetic Resonance in Medicine, 2021, 85, 3140-3153.	3.0	29
6	Investigation of lateral geniculate nucleus volume and diffusion tensor imaging in patients with normal tension glaucoma using 7 tesla magnetic resonance imaging. PLoS ONE, 2018, 13, e0198830.	2.5	28
7	High resolution time-of-flight MR-angiography at 7â€T exploiting VERSE saturation, compressed sensing and segmentation. Magnetic Resonance Imaging, 2019, 63, 193-204.	1.8	23
8	Circulating regulatory T cells of cancer patients receiving radiochemotherapy may be useful to individualize cancer treatment. Radiotherapy and Oncology, 2012, 104, 131-138.	0.6	22
9	Frequent occurrence of therapeutically reversible CMV-associated encephalopathy during radiotherapy of the brain. Neuro-Oncology, 2016, 18, 1664-1672.	1.2	21
10	Angioedema in Stroke Patients With Thrombolysis. Stroke, 2019, 50, 1682-1687.	2.0	20
11	Brain volume reduction after whole-brain radiotherapy: quantification and prognostic relevance. Neuro-Oncology, 2018, 20, 268-278.	1.2	14
12	Stent-Assisted Coiling Using Leo+ Baby Stent. Clinical Neuroradiology, 2021, 31, 409-416.	1.9	14
13	Evaluation of an Artificial Intelligence-Based 3D-Angiography for Visualization of Cerebral Vasculature. Clinical Neuroradiology, 2020, 30, 705-712.	1.9	13
14	Classification of Primary Cerebral Lymphoma and Glioblastoma Featuring Dynamic Susceptibility Contrast and Apparent Diffusion Coefficient. Brain Sciences, 2020, 10, 886.	2.3	13
15	Early Mortality of Brain Cancer Patients and its Connection to Cytomegalovirus Reactivation During Radiochemotherapy. Clinical Cancer Research, 2020, 26, 3259-3270.	7.0	13
16	Volumetric Regression in Brain Metastases After Stereotactic Radiotherapy: Time Course, Predictors, and Significance. Frontiers in Oncology, 2020, 10, 590980.	2.8	13
17	First German Guideline on Diagnostics and Therapy of Clinically Non-Functioning Pituitary Tumors. Experimental and Clinical Endocrinology and Diabetes, 2021, 129, 250-264.	1.2	12
18	No evidence of disease activity status over 3 years in a real-world cohort of relapsing remitting MS patients in Germany. Multiple Sclerosis and Related Disorders, 2019, 27, 133-138.	2.0	11

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19	Whole‐brain quantitative CEST MRI at 7T using parallel transmission methods and correction. Magnetic Resonance in Medicine, 2021, 86, 346-362.	3.0	11
20	Ascending Axonal Degeneration of the Corticospinal Tract in Pure Hereditary Spastic Paraplegia: A Cross-Sectional DTI Study. Brain Sciences, 2019, 9, 268.	2.3	10
21	Deep learning for brain metastasis detection and segmentation in longitudinal MRI data. Medical Physics, 2022, 49, 5773-5786.	3.0	10
22	FLAIRfusion Processing with Contrast Inversion. Clinical Neuroradiology, 2018, 28, 367-376.	1.9	9
23	Direct imaging of white matter ultrashort T_2^{-} components at 7 Tesla. Magnetic Resonance Imaging, 2022, 86, 107-117.	1.8	9
24	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. NMR in Biomedicine, 2023, 36, e4717.	2.8	9
25	Prospective intraindividual comparison of gadoterate and gadobutrol for cervical and intracranial contrast-enhanced magnetic resonance angiography. Neuroradiology, 2017, 59, 1233-1239.	2.2	7
26	Quantitative and Qualitative Comparison of 4D-DSA with 3D-DSA Using Computational Fluid Dynamics Simulations in Cerebral Aneurysms. American Journal of Neuroradiology, 2019, 40, 1505-1510.	2.4	7
27	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. Journal of Neuro-Oncology, 2020, 148, 373-379.	2.9	7
28	DTI Analysis in Patients with Primary Open-Angle Glaucoma: Impact of Registration on Voxel-Wise Statistics. PLoS ONE, 2014, 9, e99344.	2.5	7
29	Linear projection‐based chemical exchange saturation transfer parameter estimation. NMR in Biomedicine, 2023, 36, e4697.	2.8	7
30	Quantitative Corticospinal Tract Assessment in Acute Intracerebral Hemorrhage. Translational Stroke Research, 2021, 12, 540-549.	4.2	6
31	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. Journal of Clinical Medicine, 2020, 9, 1800.	2.4	6
32	Pulsed Arterial Spin Labeling and Segmented Brain Volumetry in the Diagnostic Evaluation of Frontotemporal Dementia, Alzheimer's Disease and Mild Cognitive Impairment. Tomography, 2022, 8, 229-244.	1.8	4
33	Voxel‐wise lesion mapping of self‐reported urinary incontinence in multiple sclerosis. Neurourology and Urodynamics, 2020, 39, 295-302.	1.5	3
34	Standardized acquisition and post-processing of dynamic susceptibility contrast perfusion in patients with brain tumors, cerebrovascular disease and dementia: comparability of post-processing software. British Journal of Radiology, 2020, 93, 20190543.	2.2	3
35	Brain tissues have single-voxel signatures in multi-spectral MRI. NeuroImage, 2021, 234, 117986.	4.2	3
36	Transient Enlargement in Meningiomas Treated with Stereotactic Radiotherapy. Cancers, 2022, 14, 1547.	3.7	3

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37	Clinical Evaluation of an Innovative Metal-Artifact-Reduction Algorithm in FD-CT Angiography in Cerebral Aneurysms Treated by Endovascular Coiling or Surgical Clipping. Diagnostics, 2022, 12, 1140.	2.6	3
38	Effects of Hippocampal Sparing Radiotherapy on Brain Microstructure—A Diffusion Tensor Imaging Analysis. Brain Sciences, 2022, 12, 879.	2.3	3
39	Symmetric tract-based spatial statistics of patients with left versus right mesial temporal lobe epilepsy with hippocampal sclerosis. NeuroReport, 2018, 29, 1309-1314.	1.2	2
40	Endovascular treatment in patients with large vessel occlusion: reduced mortality despite minimal penumbra. Neuroradiology, 2019, 61, 1469-1476.	2.2	2
41	Artificial Intelligence–Based 3D Angiography for Visualization of Complex Cerebrovascular Pathologies. American Journal of Neuroradiology, 2021, 42, 1762-1768.	2.4	2
42	The anesthetic approach for endovascular recanalization therapy depends on the lesion site in acute ischemic stroke. Neuroradiology, 2021, 63, 2121-2129.	2.2	1
43	Transient naming deficits associated with insular lesions in a patient with encephalitis. Neurocase, 2019, 25, 243-250.	0.6	0
44	Frequent occurrence of therapeutically reversible cmv-associated encephalopathy during radiotherapy of the brain.. Journal of Clinical Oncology, 2016, 34, e13507-e13507.	1.6	0
45	Study of the impact of cytomegalovirus-encephalopathy on survival of brain cancer patients undergoing treatment with radio(chemo)therapy.. Journal of Clinical Oncology, 2017, 35, 2036-2036.	1.6	0
46	A Comparison of Single- and Multiparametric MRI Models for Differentiation of Recurrent Glioblastoma from Treatment-Related Change. Diagnostics, 2021, 11, 2281.	2.6	0