Ann-Christin Ostwaldt

List of Publications by Year
in descending order

27 papers	771 citations	567281 15 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	1555 citing authors

#	Article	IF	Citations
1	Infratentorial lesions in multiple sclerosis patients: intra- and inter-rater variability in comparison to a fully automated segmentation using 3D convolutional neural networks. European Radiology, 2021, , 1.	4.5	7
2	Multiple sclerosis lesion activity segmentation with attention-guided two-path CNNs. Computerized Medical Imaging and Graphics, 2020, 84, 101772.	5.8	36
3	Fully automated longitudinal segmentation of new or enlarged multiple sclerosis lesions using 3D convolutional neural networks. NeuroImage: Clinical, 2020, 28, 102445.	2.7	34
4	Estimates of age-dependent cutoffs for pathological brain volume loss using SIENA/FSLâ€"a longitudinal brain volumetry study in healthy adults. Neurobiology of Aging, 2018, 65, 1-6.	3.1	25
5	Apparent Diffusion Coefficient Signal Intensity Ratio Predicts the Effect of Revascularization on Ischemic Cerebral Edema. Cerebrovascular Diseases, 2018, 45, 93-100.	1.7	15
6	Within-patient fluctuation of brain volume estimates from short-term repeated MRI measurements using SIENA/FSL. Journal of Neurology, 2018, 265, 1158-1165.	3.6	18
7	Reperfusion after ischemic stroke is associated with reduced brain edema. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1807-1817.	4.3	43
8	Comparative Analysis of Markers of Mass Effect after Ischemic Stroke. Journal of Neuroimaging, 2018, 28, 530-534.	2.0	20
9	MRI-Based Brain Volumetry at a Single Time Point Complements Clinical Evaluation of Patients With Multiple Sclerosis in an Outpatient Setting. Frontiers in Neurology, 2018, 9, 545.	2.4	15
10	Global and regional annual brain volume loss rates in physiological aging. Journal of Neurology, 2017, 264, 520-528.	3.6	74
11	Relationship Between Changes in the Temporal Dynamics of the Blood-Oxygen-Level-Dependent Signal and Hypoperfusion in Acute Ischemic Stroke. Stroke, 2017, 48, 925-931.	2.0	44
12	DCE-MRI bloodâ€"brain barrier assessment in acute ischemic stroke. Neurology, 2017, 88, 433-440.	1.1	76
13	Safety and efficacy of intravenous glyburide on brain swelling after large hemispheric infarction (GAMES-RP): a randomised, double-blind, placebo-controlled phase 2 trial. Lancet Neurology, The, 2016, 15, 1160-1169.	10.2	189
14	Early neurological stability predicts adverse outcome after acute ischemic stroke. International Journal of Stroke, 2016, 11, 882-889.	5.9	26
15	Subtracted Dynamic MR Perfusion Source Images (sMRP-SI) provide Collateral Blood Flow Assessment in MCA Occlusions and Predict Tissue Fate. European Radiology, 2016, 26, 1396-1403.	4.5	13
16	Case report of a young stroke patient showing interim normalization of the MRI diffusion-weighted imaging lesion. BMC Medical Imaging, 2015, 15, 33.	2.7	2
17	Relative FLAIR Signal Intensities over Time in Acute Ischemic Stroke: Comparison of Two Methods. Journal of Neuroimaging, 2015, 25, 964-968.	2.0	5
18	Reliability of Two Diameters Method in Determining Acute Infarct Size. Validation as New Imaging Biomarker. PLoS ONE, 2015, 10, e0140065.	2.5	13

#	Article	IF	Citations
19	Hyperintense acute reperfusion marker is associated with higher contrast agent dosage in acute ischaemic stroke. European Radiology, 2015, 25, 3161-3166.	4.5	12
20	Natural course of total mismatch and predictors for tissue infarction. Neurology, 2015, 85, 770-775.	1.1	9
21	Early Time Course of FLAIR Signal Intensity Differs between Acute Ischemic Stroke Patients with and without Hyperintense Acute Reperfusion Marker. Cerebrovascular Diseases, 2014, 37, 141-146.	1.7	19
22	MRI Follow-Up after 24 h Is an Accurate Surrogate Parameter for Treatment Success after Thrombolysis. Cerebrovascular Diseases, 2013, 36, 464-465.	1.7	1
23	The Potential of Microvessel Density in Prediction of Infarct Growth: A Two-Month Experimental Study in Vessel Size Imaging. Cerebrovascular Diseases, 2012, 33, 303-309.	1.7	10
24	Automated vs manual delineations of regions of interest- a comparison in commercially available perfusion MRI software. BMC Medical Imaging, 2012, 12, 16.	2.7	9
25	Fully Automated Postprocessing Carries a Risk of Substantial Overestimation of Perfusion Deficits in Acute Stroke Magnetic Resonance Imaging. Cerebrovascular Diseases, 2011, 31, 408-413.	1.7	23
26	Search for a Map and Threshold in Perfusion MRI to Accurately Predict Tissue Fate: A Protocol for Assessing Lesion Growth in Patients with Persistent Vessel Occlusion. Cerebrovascular Diseases, 2011, 32, 186-193.	1.7	17
27	Clinical and Radiological Courses Do Not Differ Between Fluid-Attenuated Inversion Recovery-Positive and Negative Patients With Stroke After Thrombolysis. Stroke, 2010, 41, 1823-1825.	2.0	16