Andreas M Rauschecker

List of Publications by Year
in descending order

23 papers	711 citations	687363 13 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	883 citing authors

#	Article	IF	Citations
1	Emerging Applications of Artificial Intelligence in Neuro-Oncology. Radiology, 2019, 290, 607-618.	7.3	159
2	Artificial intelligence for precision education in radiology. British Journal of Radiology, 2019, 92, 20190389.	2.2	79
3	Artificial Intelligence System Approaching Neuroradiologist-level Differential Diagnosis Accuracy at Brain MRI. Radiology, 2020, 295, 626-637.	7.3	77
4	Convolutional Neural Network for Automated FLAIR Lesion Segmentation on Clinical Brain MR Imaging. American Journal of Neuroradiology, 2019, 40, 1282-1290.	2.4	61
5	Neuroimaging of Dilated Perivascular Spaces: From Benign and Pathologic Causes to Mimics. Journal of Neuroimaging, 2018, 28, 139-149.	2.0	59
6	Three-dimensional U-Net Convolutional Neural Network for Detection and Segmentation of Intracranial Metastases. Radiology: Artificial Intelligence, 2021, 3, e200204.	5.8	33
7	Multi-Disease Segmentation of Gliomas and White Matter Hyperintensities in the BraTS Data Using a 3D Convolutional Neural Network. Frontiers in Computational Neuroscience, 2019, 13, 84.	2.1	30
8	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. JAMA Neurology, 2021, 78, 578.	9.0	28
9	Combining radiomics and deep convolutional neural network features from preoperative MRI for predicting clinically relevant genetic biomarkers in glioblastoma. Neuro-Oncology Advances, 2022, 4, .	0.7	22
10	Esophageal Lichen Planus: Clinical and Radiographic Findings in Eight Patients. American Journal of Roentgenology, 2017, 208, 101-106.	2.2	20
11	Subspecialty-Level Deep Gray Matter Differential Diagnoses with Deep Learning and Bayesian Networks on Clinical Brain MRI: A Pilot Study. Radiology: Artificial Intelligence, 2020, 2, e190146.	5.8	20
12	Interinstitutional Portability of a Deep Learning Brain MRI Lesion Segmentation Algorithm. Radiology: Artificial Intelligence, 2022, 4, e200152.	5.8	18
13	Diverse Applications of Artificial Intelligence in Neuroradiology. Neuroimaging Clinics of North America, 2020, 30, 505-516.	1.0	16
14	Comparing Clinical Perimetry and Population Receptive Field Measures in Patients with Choroideremia. , 2018, 59, 3249.		15
15	Feasibility of Simulated Postcontrast MRI of Glioblastomas and Lower-Grade Gliomas by Using Three-dimensional Fully Convolutional Neural Networks. Radiology: Artificial Intelligence, 2021, 3, e200276.	5.8	15
16	Detection of Neoplasms by Metagenomic Next-Generation Sequencing of Cerebrospinal Fluid. JAMA Neurology, 2021, 78, 1355.	9.0	14
17	Diagnostic Approach to Pulsatile Tinnitus. JAMA Otolaryngology - Head and Neck Surgery, 2022, 148, 476.	2.2	14
18	Automated multiclass tissue segmentation of clinical brain MRIs with lesions. NeuroImage: Clinical, 2021, 31, 102769.	2.7	10

#	Article	IF	Citations
19	Medical Image Analysis: Human and Machine. Academic Radiology, 2020, 27, 76-81.	2.5	8
20	Application of a Domain-specific BERT for Detection of Speech Recognition Errors in Radiology Reports. Radiology: Artificial Intelligence, 2022, 4, .	5.8	7
21	Brain MRI Deep Learning and Bayesian Inference System Augments Radiology Resident Performance. Journal of Digital Imaging, 2021, 34, 1049-1058.	2.9	3
22	An Integrated Analysis of Clinical, Genomic, and Imaging Features Reveals Predictors of Neurocognitive Outcomes in a Longitudinal Cohort of Pediatric Cancer Survivors, Enriched with CNS Tumors (Rad ART Pro). Frontiers in Oncology, 0, 12, .	2.8	2
23	App Review Series: RadioGraphics. Journal of Digital Imaging, 2016, 29, 279-283.	2.9	1