

Andreas M Rauschecker

List of Publications by Year in descending order

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Version: 2024-02-01

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	Interinstitutional Portability of a Deep Learning Brain MRI Lesion Segmentation Algorithm. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e200152.	5.8	18
2	Diagnostic Approach to Pulsatile Tinnitus. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2022, 148, 476.	2.2	14
3	Combining radiomics and deep convolutional neural network features from preoperative MRI for predicting clinically relevant genetic biomarkers in glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.7	22
4	Application of a Domain-specific BERT for Detection of Speech Recognition Errors in Radiology Reports. <i>Radiology: Artificial Intelligence</i> , 2022, 4, .	5.8	7
5	Automated multiclass tissue segmentation of clinical brain MRIs with lesions. <i>NeuroImage: Clinical</i> , 2021, 31, 102769.	2.7	10
6	Three-dimensional U-Net Convolutional Neural Network for Detection and Segmentation of Intracranial Metastases. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200204.	5.8	33
7	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578.	9.0	28
8	Brain MRI Deep Learning and Bayesian Inference System Augments Radiology Resident Performance. <i>Journal of Digital Imaging</i> , 2021, 34, 1049-1058.	2.9	3
9	Feasibility of Simulated Postcontrast MRI of Glioblastomas and Lower-Grade Gliomas by Using Three-dimensional Fully Convolutional Neural Networks. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200276.	5.8	15
10	Detection of Neoplasms by Metagenomic Next-Generation Sequencing of Cerebrospinal Fluid. <i>JAMA Neurology</i> , 2021, 78, 1355.	9.0	14
11	Medical Image Analysis: Human and Machine. <i>Academic Radiology</i> , 2020, 27, 76-81.	2.5	8
12	Subspecialty-Level Deep Gray Matter Differential Diagnoses with Deep Learning and Bayesian Networks on Clinical Brain MRI: A Pilot Study. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190146.	5.8	20
13	Diverse Applications of Artificial Intelligence in Neuroradiology. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 505-516.	1.0	16
14	Artificial Intelligence System Approaching Neuroradiologist-level Differential Diagnosis Accuracy at Brain MRI. <i>Radiology</i> , 2020, 295, 626-637.	7.3	77
15	Artificial intelligence for precision education in radiology. <i>British Journal of Radiology</i> , 2019, 92, 20190389.	2.2	79
16	Convolutional Neural Network for Automated FLAIR Lesion Segmentation on Clinical Brain MR Imaging. <i>American Journal of Neuroradiology</i> , 2019, 40, 1282-1290.	2.4	61
17	Emerging Applications of Artificial Intelligence in Neuro-Oncology. <i>Radiology</i> , 2019, 290, 607-618.	7.3	159
18	Multi-Disease Segmentation of Gliomas and White Matter Hyperintensities in the BraTS Data Using a 3D Convolutional Neural Network. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 84.	2.1	30

#	ARTICLE	IF	CITATIONS
19	Neuroimaging of Dilated Perivascular Spaces: From Benign and Pathologic Causes to Mimics. Journal of Neuroimaging, 2018, 28, 139-149.	2.0	59
20	Comparing Clinical Perimetry and Population Receptive Field Measures in Patients with Choroideremia. , 2018, 59, 3249.		15
21	Esophageal Lichen Planus: Clinical and Radiographic Findings in Eight Patients. American Journal of Roentgenology, 2017, 208, 101-106.	2.2	20
22	App Review Series: RadioGraphics. Journal of Digital Imaging, 2016, 29, 279-283.	2.9	1
23	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