

Dietmar Frey

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,422
citations

840585

11
h-index

752573

20
g-index

31
all docs

31
docs citations

31
times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Similar admission NIHSS may represent larger tissue-at-risk in patients with right-sided versus left-sided large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 985-991.	2.0	4
2	Long-term trajectories of motor functional independence after ischemic stroke in young adults: Identification and characterization using inpatient baseline assessments. <i>NeuroRehabilitation</i> , 2022, 50, 453-465.	0.5	1
3	The impact of COVID-19 on home, social, and productivity integration of people with chronic traumatic brain injury or stroke living in the community. <i>Medicine (United States)</i> , 2022, 101, e28695.	0.4	0
4	Generating 3D TOF-MRA volumes and segmentation labels using generative adversarial networks. <i>Medical Image Analysis</i> , 2022, 78, 102396.	7.0	12
5	The impact of coronavirus disease 2019 on emotional and behavioral stress of informal family caregivers of individuals with stroke or traumatic brain injury at chronic phase living in a Mediterranean setting. <i>Brain and Behavior</i> , 2022, 12, e2440.	1.0	3
6	Toward Sharing Brain Images: Differentially Private TOF-MRA Images With Segmentation Labels Using Generative Adversarial Networks. <i>Frontiers in Artificial Intelligence</i> , 2022, 5, 813842.	2.0	4
7	Comparing Poor and Favorable Outcome Prediction With Machine Learning After Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	9
8	On the usage of average Hausdorff distance for segmentation performance assessment: hidden error when used for ranking. <i>European Radiology Experimental</i> , 2021, 5, 4.	1.7	58
9	Toward Personalized Web-Based Cognitive Rehabilitation for Patients With Ischemic Stroke: Elo Rating Approach. <i>JMIR Medical Informatics</i> , 2021, 9, e28090.	1.3	2
10	Synthesizing anonymized and labeled TOF-MRA patches for brain vessel segmentation using generative adversarial networks. <i>Computers in Biology and Medicine</i> , 2021, 131, 104254.	3.9	32
11	A precision medicine framework for personalized simulation of hemodynamics in cerebrovascular disease. <i>BioMedical Engineering OnLine</i> , 2021, 20, 44.	1.3	7
12	An evaluation of performance measures for arterial brain vessel segmentation. <i>BMC Medical Imaging</i> , 2021, 21, 113.	1.4	8
13	Neuropsychological Assessments of Patients With Acquired Brain Injury: A Cluster Analysis Approach to Address Heterogeneity in Web-Based Cognitive Rehabilitation. <i>Frontiers in Neurology</i> , 2021, 12, 701946.	1.1	2
14	Predictive models for independence after stroke rehabilitation: Maugeri external validation and development of a new model. <i>NeuroRehabilitation</i> , 2021, 49, 415-424.	0.5	3
15	Outcome prediction in aneurysmal subarachnoid hemorrhage: a comparison of machine learning methods and established clinico-radiological scores. <i>Neurosurgical Review</i> , 2021, 44, 2837-2846.	1.2	20
16	Explainability for artificial intelligence in healthcare: a multidisciplinary perspective. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 310.	1.5	503
17	BRAVE-NET: Fully Automated Arterial Brain Vessel Segmentation in Patients With Cerebrovascular Disease. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 552258.	2.0	40
18	Opening the black box of artificial intelligence for clinical decision support: A study predicting stroke outcome. <i>PLoS ONE</i> , 2020, 15, e0231166.	1.1	96

#	ARTICLE	IF	CITATIONS
19	Multimodal Fusion Strategies for Outcome Prediction in Stroke. , 2020, , .		4
20	A U-Net Deep Learning Framework for High Performance Vessel Segmentation in Patients With Cerebrovascular Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 97.	1.4	160
21	Presurgical navigated TMS motor cortex mapping improves outcome in glioblastoma surgery: a controlled observational study. <i>Journal of Neuro-Oncology</i> , 2016, 126, 535-543.	1.4	74
22	Navigated transcranial magnetic stimulation improves the treatment outcome in patients with brain tumors in motor eloquent locations. <i>Neuro-Oncology</i> , 2014, 16, 1365-1372.	0.6	139
23	Preoperative Functional Mapping for Rolandic Brain Tumor Surgery: Comparison of Navigated Transcranial Magnetic Stimulation to Direct Cortical Stimulation. <i>Neurosurgery</i> , 2011, 69, 581-589.	0.6	240