

Andreas Husch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2109656/publications.pdf>

Version: 2024-02-01

21
papers

959
citations

1162367

8
h-index

1058022

14
g-index

30
all docs

30
docs citations

30
times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. <i>NeuroImage</i> , 2019, 184, 293-316.	2.1	527
2	PaCER - A fully automated method for electrode trajectory and contact reconstruction in deep brain stimulation. <i>NeuroImage: Clinical</i> , 2018, 17, 80-89.	1.4	174
3	Public Covid-19 X-ray datasets and their impact on model bias – A systematic review of a significant problem. <i>Medical Image Analysis</i> , 2021, 74, 102225.	7.0	43
4	A solution for multi-alignment by transformation synchronisation. , 2015, , .		31
5	FastField: An open-source toolbox for efficient approximation of deep brain stimulation electric fields. <i>NeuroImage</i> , 2020, 223, 117330.	2.1	28
6	Habenula deep brain stimulation for refractory bipolar disorder. <i>Brain Stimulation</i> , 2019, 12, 1298-1300.	0.7	25
7	Modelling COVID-19 dynamics and potential for herd immunity by vaccination in Austria, Luxembourg and Sweden. <i>Journal of Theoretical Biology</i> , 2021, 530, 110874.	0.8	22
8	Post-operative deep brain stimulation assessment: Automatic data integration and report generation. <i>Brain Stimulation</i> , 2018, 11, 863-866.	0.7	16
9	DTI of the Visual Pathway - White Matter Tracts and Cerebral Lesions. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	10
10	Impressive weight gain after deep brain stimulation of nucleus accumbens in treatment-resistant bulimic anorexia nervosa. <i>BMJ Case Reports</i> , 2020, 13, e239316.	0.2	10
11	Dynamical SPQIEIR model assesses the effectiveness of non-pharmaceutical interventions against COVID-19 epidemic outbreaks. <i>PLoS ONE</i> , 2021, 16, e0252019.	1.1	9
12	Susceptibility-Weighted MRI for Deep Brain Stimulation: Potentials in Trajectory Planning. <i>Stereotactic and Functional Neurosurgery</i> , 2015, 93, 303-308.	0.8	6
13	Using automated electrode localization to guide stimulation management in <scp>DBS</scp>. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 888-894.	1.7	6
14	Fast correspondences for statistical shape models of brain structures. , 2016, , .		4
15	Improvements on the Feasibility of Active Shape Model-based Subthalamic Nucleus Segmentation. <i>Biomedizinische Technik</i> , 2012, 57, .	0.9	3
16	Automated Deep Learning-based Segmentation of Brain, SEEG and DBS Electrodes on CT Images. <i>Informatik Aktuell</i> , 2021, , 92-97.	0.4	2
17	DBS imaging methods II: Electrode localization. , 2022, , 127-146.		2
18	Assessment of Electrode Displacement and Deformation with Respect to Pre-Operative Planning in Deep Brain Stimulation. <i>Informatik Aktuell</i> , 2015, , 77-82.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Computer aided Planning and Navigation for Patient-Specific Deep Brain Stimulation. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.9	0
20	Integration of sparse electrophysiological measurements with preoperative MRI using 3D surface estimation in deep brain stimulation surgery. Proceedings of SPIE, 2017, , .	0.8	0
21	Transitively Consistent and Unbiased Multi-Image Registration using Numerically Stable Transformation Synchronisation. , 2015, , .		0