

# 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	DBS imaging methods II: Electrode localization. , 2022, , 127-146.		2
2	Automated Deep Learning-based Segmentation of Brain, SEEG and DBS Electrodes on CT Images. Informatik Aktuell, 2021, , 92-97.	0.4	2
3	Dynamical SPQER model assesses the effectiveness of non-pharmaceutical interventions against COVID-19 epidemic outbreaks. PLoS ONE, 2021, 16, e0252019.	1.1	9
4	Public Covid-19 X-ray datasets and their impact on model bias – A systematic review of a significant problem. Medical Image Analysis, 2021, 74, 102225.	7.0	43
5	Modelling COVID-19 dynamics and potential for herd immunity by vaccination in Austria, Luxembourg and Sweden. Journal of Theoretical Biology, 2021, 530, 110874.	0.8	22
6	FastField: An open-source toolbox for efficient approximation of deep brain stimulation electric fields. NeuroImage, 2020, 223, 117330.	2.1	28
7	Impressive weight gain after deep brain stimulation of nucleus accumbens in treatment-resistant bulimic anorexia nervosa. BMJ Case Reports, 2020, 13, e239316.	0.2	10
8	Habenula deep brain stimulation for refractory bipolar disorder. Brain Stimulation, 2019, 12, 1298-1300.	0.7	25
9	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. NeuroImage, 2019, 184, 293-316.	2.1	527
10	Post-operative deep brain stimulation assessment: Automatic data integration and report generation. Brain Stimulation, 2018, 11, 863-866.	0.7	16
11	PaCER - A fully automated method for electrode trajectory and contact reconstruction in deep brain stimulation. NeuroImage: Clinical, 2018, 17, 80-89.	1.4	174
12	Using automated electrode localization to guide stimulation management in <scp>DBS</scp>. Annals of Clinical and Translational Neurology, 2018, 5, 888-894.	1.7	6
13	Integration of sparse electrophysiological measurements with preoperative MRI using 3D surface estimation in deep brain stimulation surgery. Proceedings of SPIE, 2017, , .	0.8	0
14	Fast correspondences for statistical shape models of brain structures. , 2016, , .		4
15	A solution for multi-alignment by transformation synchronisation. , 2015, , .		31
16	Susceptibility-Weighted MRI for Deep Brain Stimulation: Potentials in Trajectory Planning. Stereotactic and Functional Neurosurgery, 2015, 93, 303-308.	0.8	6
17	Assessment of Electrode Displacement and Deformation with Respect to Pre-Operative Planning in Deep Brain Stimulation. Informatik Aktuell, 2015, , 77-82.	0.4	1
18	Transitively Consistent and Unbiased Multi-Image Registration using Numerically Stable Transformation Synchronisation. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	DTI of the Visual Pathway - White Matter Tracts and Cerebral Lesions. Journal of Visualized Experiments, 2014, , .	0.2	10
20	Computer aided Planning and Navigation for Patient-Specific Deep Brain Stimulation. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.9	0
21	Improvements on the Feasibility of Active Shape Model-based Subthalamic Nucleus Segmentation. Biomedizinische Technik, 2012, 57, .	0.9	3