

Hans M Kjer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1389460/publications.pdf>

Version: 2024-02-01

12
papers

180
citations

1478505

6
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Axon morphology is modulated by the local environment and impacts the noninvasive investigation of its structureâ€™function relationship. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33649-33659.	7.1	53
2	A multiscale imaging and modelling dataset of the human inner ear. Scientific Data, 2017, 4, 170132.	5.3	32
3	Patient-specific estimation of detailed cochlear shape from clinical CT images. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 389-396.	2.8	19
4	Automatic Model Generation Framework for Computational Simulation of Cochlear Implantation. Annals of Biomedical Engineering, 2016, 44, 2453-2463.	2.5	12
5	Does powder averaging remove dispersion bias in diffusion MRI diameter estimates within real 3D axonal architectures?. NeuroImage, 2022, 248, 118718.	4.2	12
6	Free-form image registration of human cochlear $\frac{1}{4}$ CT data using skeleton similarity as anatomical prior. Pattern Recognition Letters, 2016, 76, 76-82.	4.2	11
7	Evaluation of 2D super-resolution ultrasound imaging of the rat renal vasculature using ex vivo micro-computed tomography. Scientific Reports, 2021, 11, 24335.	3.3	11
8	Joint CT Reconstruction and Segmentation With Discriminative Dictionary Learning. IEEE Transactions on Computational Imaging, 2018, 4, 528-536.	4.4	6
9	Random walks with statistical shape prior for cochlea and inner ear segmentation in micro-CT images. Machine Vision and Applications, 2018, 29, 405-414.	2.7	5
10	Iterated random walks with shape prior. Image and Vision Computing, 2016, 54, 12-21.	4.5	4
11	Random walks with shape prior for cochlea segmentation in ex vivo μ CT $\frac{1}{4}$ CT. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1647-1659.	2.8	4
12	Statistical Shape Model with Random Walks for Inner Ear Segmentation. Lecture Notes in Computer Science, 2016, , 92-102.	1.3	2