

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