

Matthias Wilms

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1842532/publications.pdf>

Version: 2024-02-01

8
papers

201
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Supervised machine learning tools: a tutorial for clinicians. <i>Journal of Neural Engineering</i> , 2020, 17, 062001.	3.5	75
2	Model-Based Sparse-to-Dense Image Registration for Realtime Respiratory Motion Estimation in Image-Guided Interventions. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 302-310.	4.2	36
3	Multimodal biological brain age prediction using magnetic resonance imaging and angiography with the identification of predictive regions. <i>Human Brain Mapping</i> , 2022, 43, 2554-2566.	3.6	23
4	High-resolution T2-FLAIR and non-contrast CT brain atlas of the elderly. <i>Scientific Data</i> , 2020, 7, 56.	5.3	20
5	Fully Automatic Landmarking of Syndromic 3D Facial Surface Scans Using 2D Images. <i>Sensors</i> , 2020, 20, 3171.	3.8	19
6	An Analysis of the Vulnerability of Two Common Deep Learning-Based Medical Image Segmentation Techniques to Model Inversion Attacks. <i>Sensors</i> , 2021, 21, 3874.	3.8	12
7	Semantically Guided Large Deformation Estimation with Deep Networks. <i>Sensors</i> , 2020, 20, 1392.	3.8	9
8	Treatment Efficacy Analysis in Acute Ischemic Stroke Patients Using In Silico Modeling Based on Machine Learning: A Proof-of-Principle. <i>Biomedicines</i> , 2021, 9, 1357.	3.2	7