

Michael Ebner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2476425/publications.pdf>

Version: 2024-02-01

22
papers

386
citations

1040056

9
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning approach for hyperspectral image demosaicking, spectral correction and high-resolution RGB reconstruction. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2022, 10, 409-417.	1.9	9
2	Optical properties of human brain and tumour tissue: An ex vivo study spanning the visible range to beyond the second near-infrared window. <i>Journal of Biophotonics</i> , 2022, 15, .	2.3	14
3	Motion correction and volumetric reconstruction for fetal functional magnetic resonance imaging data. <i>NeuroImage</i> , 2022, 255, 119213.	4.2	7
4	Intraoperative hyperspectral label-free imaging: from system design to first-in-patient translation. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 294003.	2.8	15
5	Cortical spectral matching and shape and volume analysis of the fetal brain pre- and post-fetal surgery for spina bifida: a retrospective study. <i>Neuroradiology</i> , 2021, 63, 1721-1734.	2.2	12
6	Super-resolution Reconstruction MRI Application in Fetal Neck Masses and Congenital High Airway Obstruction Syndrome. <i>OTO Open</i> , 2021, 5, 2473974X211055372.	1.4	7
7	Automated postoperative muscle assessment of hip arthroplasty patients using multimodal imaging joint segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105062.	4.7	4
8	A 30-Year Clinical and Magnetic Resonance Imaging Observational Study of Multiple Sclerosis and Clinically Isolated Syndromes. <i>Annals of Neurology</i> , 2020, 87, 63-74.	5.3	67
9	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. <i>NeuroImage</i> , 2020, 206, 116324.	4.2	160
10	Super-resolution for upper abdominal MRI: Acquisition and post-processing protocol optimization using brain MRI control data and expert reader validation. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1905-1919.	3.0	12
11	Reproducibility of Functional Connectivity Estimates in Motion Corrected Fetal fMRI. <i>Lecture Notes in Computer Science</i> , 2019, , 123-132.	1.3	2
12	Volumetric reconstruction from printed films: Enabling 30 year longitudinal analysis in MR neuroimaging. <i>NeuroImage</i> , 2018, 165, 238-250.	4.2	11
13	An Automated Localization, Segmentation and Reconstruction Framework for Fetal Brain MRI. <i>Lecture Notes in Computer Science</i> , 2018, , 313-320.	1.3	26
14	Forward-backward splitting in deformable image registration: A demons approach. , 2018, , .		2
15	Joint Multimodal Segmentation of Clinical CT and MR from Hip Arthroplasty Patients. <i>Lecture Notes in Computer Science</i> , 2018, , 72-84.	1.3	2
16	Spatial Regularisation based Reconstruction of Quantitative Fluorescence Imaging. , 2018, , .		0
17	3.4 RESERVOIR PRESSURE SEPARATION AT BRACHIAL, CAROTID AND RADIAL ARTERIES: A QUANTITATIVE COMPARISON AND EVALUATION. <i>Artery Research</i> , 2017, 20, 54.	0.6	1
18	P122 CALCULATING RESERVOIR PRESSURE WITH OR WITHOUT FLOW INFORMATION: SIMILARITY AND ALGORITHMIC SENSITIVITY AT RADIAL ARTERY. <i>Artery Research</i> , 2017, 20, 78.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Point-Spread-Function-Aware Slice-to-Volume Registration: Application to Upper Abdominal MRI Super-Resolution. Lecture Notes in Computer Science, 2017, , 3-13.	1.3	5
20	Wide-field spectrally resolved quantitative fluorescence imaging system: toward neurosurgical guidance in glioma resection. Journal of Biomedical Optics, 2017, 22, 1.	2.6	11
21	HILBERT " a MATLAB implementation of adaptive 2D-BEM. Numerical Algorithms, 2014, 67, 1-32.	1.9	19
22	Comparison of Finite Difference Method and Random Walk Method in ARGESIM Benchmark C19 "Pollution in Groundwater Flow"™. SNE Simulation Notes Europe, 2014, 24, .	0.3	0