Johanna Gesperger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1058754/publications.pdf

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21	268	1040056	996975
papers	citations	9	15
		h-index	g-index

21	21	21	352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic imaging with spectral domain visible light optical coherence microscopy in Alzheimerâ€™s disease brain samples. Biomedical Optics Express, 2017, 8, 4007.	2.9	51
2	Widefield fluorescence lifetime imaging of protoporphyrin IX for fluorescenceâ€guided neurosurgery: An ex vivo feasibility study. Journal of Biophotonics, 2019, 12, e201800378.	2.3	28
3	Macroscopic fluorescence-lifetime imaging of NADH and protoporphyrin IX improves the detection and grading of 5-aminolevulinic acid-stained brain tumors. Scientific Reports, 2020, 10, 20492.	3.3	24
4	Visual and semiquantitative 11C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naÃ¯ve gliomas. Neuro-Oncology, 2018, 20, 411-419.	1.2	22
5	Retinal analysis of a mouse model of Alzheimerâ€™s disease with multicontrast optical coherence tomography. Neurophotonics, 2020, 7, 1.	3.3	22
6	Evaluation of the Temporal Muscle Thickness as an Independent Prognostic Biomarker in Patients with Primary Central Nervous System Lymphoma. Cancers, 2021, 13, 566.	3.7	21
7	Revealing brain pathologies with multimodal visible light optical coherence microscopy and fluorescence imaging. Journal of Biomedical Optics, 2019, 24, 1.	2.6	16
8	Improved Diagnostic Imaging of Brain Tumors by Multimodal Microscopy and Deep Learning. Cancers, 2020, 12, 1806.	3.7	13
9	Fluorescence Lifetime Imaging and Spectroscopic Co-Validation for Protoporphyrin IX-Guided Tumor Visualization in Neurosurgery. Frontiers in Oncology, 2021, 11, 741303.	2.8	12
10	Towards real-time wide-field fluorescence lifetime imaging of 5-ALA labeled brain tumors with multi-tap CMOS cameras. Biomedical Optics Express, 2020, 11, 1598.	2.9	11
11	Reconstruction of visible light optical coherence tomography images retrieved from discontinuous spectral data using a conditional generative adversarial network. Biomedical Optics Express, 2021, 12, 6780.	2.9	10
12	Surgical microscope with integrated fluorescence lifetime imaging for 5-aminolevulinic acid fluorescence-guided neurosurgery. Journal of Biomedical Optics, 2020, 25, 1.	2.6	10
13	Improved accuracy of quantitative birefringence imaging by polarization sensitive <scp>OCT</scp> with simple noise correction and its application to neuroimaging. Journal of Biophotonics, 2021, 14, e202000323.	2.3	8
14	Three-dimensional visualization of opacifications in the murine crystalline lens by in vivo optical coherence tomography. Biomedical Optics Express, 2020, 11, 2085.	2.9	6
15	Comparison of Intensity- and Polarization-based Contrast in Amyloid-beta Plaques as Observed by Optical Coherence Tomography. Applied Sciences (Switzerland), 2019, 9, 2100.	2.5	4
16	High-resolution, depth-resolved vascular leakage measurements using contrast-enhanced, correlation-gated optical coherence tomography in mice. Biomedical Optics Express, 2021, 12, 1774.	2.9	4
17	Sex-Specific Differences in Primary CNS Lymphoma. Cancers, 2020, 12, 1593.	3.7	3
18	Investigation of the scattering and attenuation properties of cataracts formed in mouse eyes with 1060-nm and 1310-nm swept-source optical coherence tomography. Biomedical Optics Express, 2021, 12, 6391.	2.9	1

#	Article	IF	Citations
19	Ex-vivo Alzheimerâ€™s disease brain tissue investigation: a multiscale approach using 1060-nm swept source optical coherence tomography for a direct correlation to histology. Neurophotonics, 2020, 7, 035004.	3.3	1
20	Improved Protoporphyrin IX-Guided Neurosurgical Tumor Detection with Frequency-Domain Fluorescence Lifetime Imaging. Applied Sciences (Switzerland), 2022, 12, 1002.	2.5	1
21	RARE-49. SEX-SPECIFIC SURVIVAL ANALYSIS IDENTIFIES DIFFERENTIAL CLUSTERS OF PROGNOSTIC RELEVANCE IN PATIENTS WITH PRIMARY CNS LYMPHOMA. Neuro-Oncology, 2019, 21, vi232-vi232.	1.2	0