

# Mathias Schwarz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6215797/publications.pdf>

Version: 2024-02-01

10  
papers

540  
citations

1040056

9  
h-index

1474206

9  
g-index

11  
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11  
docs citations

11  
times ranked

570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast raster-scan optoacoustic mesoscopy enables assessment of human melanoma microvasculature in vivo. <i>Nature Communications</i> , 2022, 13, 2803.	12.8	13
2	Motion Quantification and Automated Correction in Clinical RSOM. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1340-1346.	8.9	16
3	Raster-Scanning Optoacoustic Mesoscopy for Gastrointestinal Imaging at High Resolution. <i>Gastroenterology</i> , 2018, 154, 807-809.e3.	1.3	20
4	Imaging of post-embryonic stage model organisms at high resolution using multi-orientation optoacoustic mesoscopy. , 2017, , .		0
5	Optoacoustic Dermoscopy of the Human Skin: Tuning Excitation Energy for Optimal Detection Bandwidth With Fast and Deep Imaging <i>&amp;lt;italic&gt;in vivo&amp;/italic&gt;</i> . <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1287-1296.	8.9	47
6	Precision assessment of label-free psoriasis biomarkers with ultra-broadband optoacoustic mesoscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	187
7	Motion correction in optoacoustic mesoscopy. <i>Scientific Reports</i> , 2017, 7, 10386.	3.3	43
8	Isotropic high resolution optoacoustic imaging with linear detector arrays in biâ€directional scanning. <i>Journal of Biophotonics</i> , 2015, 8, 60-70.	2.3	34
9	Pushing the Optical Imaging Limits of Cancer with Multi-Frequency-Band Raster-Scan Optoacoustic Mesoscopy (RSOM). <i>Neoplasia</i> , 2015, 17, 208-214.	5.3	107
10	Implications of Ultrasound Frequency in Optoacoustic Mesoscopy of the Skin. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 672-677.	8.9	73