## Learned adaptive multiphoton illumination microscopy imaging

Nature Communications 12, 1916 DOI: 10.1038/s41467-021-22246-5

Citation Report

#	Article	IF	CITATIONS
1	Learned adaptive multiphoton illumination microscopy for large-scale immune response imaging. Nature Communications, 2021, 12, 1916.	12.8	21
2	Automation of Organoid Cultures: Current Protocols and Applications. SLAS Discovery, 2021, 26, 1138-1147.	2.7	8
3	Learning Optimal Wavefront Shaping for Multi-Channel Imaging. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2179-2192.	13.9	27
6	At the intersection of optics and deep learning: statistical inference, computing, and inverse design. Advances in Optics and Photonics, 2022, 14, 209.	25.5	23
7	Roadmap on wavefront shaping and deep imaging in complex media. JPhys Photonics, 2022, 4, 042501.	4.6	45
8	Optimizing sampling for surface localization in 3D-scanning microscopy. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, 1479.	1.5	3
9	Event-triggered STED imaging. Nature Methods, 2022, 19, 1268-1275.	19.0	35
10	Microscopes are coming for your job. Nature Methods, 2022, 19, 1175-1176.	19.0	5
11	Event-driven acquisition for content-enriched microscopy. Nature Methods, 2022, 19, 1262-1267.	19.0	33
12	dO: A Differentiable Engine for Deep Lens Design of Computational Imaging Systems. IEEE Transactions on Computational Imaging, 2022, 8, 905-916.	4.4	13
13	Adaptive Design of Fluorescence Imaging Systems for Custom Resolution, Fields of View, and Geometries. BME Frontiers, 2023, 4, .	4.5	7
14	An open-source microscopy framework for simultaneous control of image acquisition, reconstruction, and analysis. HardwareX, 2023, 13, e00400.	2.2	6
15	Light-sheets and smart microscopy, an exciting future is dawning. Communications Biology, 2023, 6, .	4.4	13
16	Complex-domain-enhancing neural network for large-scale coherent imaging. , 2023, 2, .		1
17	Graphene quantum dot composite with multiphoton excitation as near infrared-II probe in bioimaging. Arabian Journal of Chemistry, 2023, 16, 105188.	4.9	0
18	Super-Resolution Enabled Widefield Quantum Diamond Microscopy. ACS Photonics, 2024, 11, 121-127.	6.6	0
19	Resource allocation in mammalian systems. Biotechnology Advances, 2024, 71, 108305.	11.7	0
20	Live-cell imaging powered by computation. Nature Reviews Molecular Cell Biology, 0, , .	37.0	Ο

#	Article	IF	CITATIONS
21	The rise of dataâ $\in$ driven microscopy powered by machine learning. Journal of Microscopy, 0, , .	1.8	0

CITATION REPORT