Ruihai Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11566132/publications.pdf

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11	344	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wide-field, high-resolution lensless on-chip microscopy via near-field blind ptychographic modulation. Lab on A Chip, 2020, 20, 1058-1065.	6.0	80
2	Autofocusing technologies for whole slide imaging and automated microscopy. Journal of Biophotonics, 2020, 13, e202000227.	2.3	60
3	OpenWSI: a low-cost, high-throughput whole slide imaging system via single-frame autofocusing and open-source hardware. Optics Letters, 2020, 45, 260.	3.3	45
4	Resolution-Enhanced Parallel Coded Ptychography for High-Throughput Optical Imaging. ACS Photonics, 2021, 8, 3261-3271.	6.6	36
5	Super-resolved multispectral lensless microscopy via angle-tilted, wavelength-multiplexed ptychographic modulation. Optics Letters, 2020, 45, 3486.	3.3	28
6	Virtual brightfield and fluorescence staining for Fourier ptychography via unsupervised deep learning. Optics Letters, 2020, 45, 5405.	3.3	22
7	Blood-Coated Sensor for High-Throughput Ptychographic Cytometry on a Blu-ray Disc. ACS Sensors, 2022, 7, 1058-1067.	7.8	19
8	High-throughput digital pathology via a handheld, multiplexed, and AI-powered ptychographic whole slide scanner. Lab on A Chip, 2022, 22, 2657-2670.	6.0	18
9	Ptychographic sensor for large-scale lensless microbial monitoring with high spatiotemporal resolution. Biosensors and Bioelectronics, 2022, 196, 113699.	10.1	17
10	Synthetic aperture ptychography: coded sensor translation for joint spatial-Fourier bandwidth expansion. Photonics Research, 2022, 10, 1624.	7.0	13
11	Ptychography-based high-throughput lensless on-chip microscopy via incremental proximal algorithms. Optics Express, 2021, 29, 37892.	3.4	6