

Seung Ah Lee

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

546
citations

1040056

9
h-index

1199594

12
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16
all docs

16
docs citations

16
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	The ePetri dish, an on-chip cell imaging platform based on subpixel perspective sweeping microscopy (SPSM). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16889-16894.	7.1	188
2	A smartphone-based chip-scale microscope using ambient illumination. Lab on A Chip, 2014, 14, 3056-3063.	6.0	138
3	Color Capable Sub-Pixel Resolving Optofluidic Microscope and Its Application to Blood Cell Imaging for Malaria Diagnosis. PLoS ONE, 2011, 6, e26127.	2.5	54
4	On-chip continuous monitoring of motile microorganisms on an ePetri platform. Lab on A Chip, 2012, 12, 2385.	6.0	36
5	Imaging and Identification of Waterborne Parasites Using a Chip-Scale Microscope. PLoS ONE, 2014, 9, e89712.	2.5	31
6	A Smartphone-Based Fourier Ptychographic Microscope Using the Display Screen for Illumination. ACS Photonics, 2021, 8, 1307-1315.	6.6	28
7	Surface Plasmon Localization-Based Super-resolved Raman Microscopy. Nano Letters, 2020, 20, 8951-8958.	9.1	24
8	Chip-scale fluorescence microscope based on a silo-filter complementary metal-oxide semiconductor image sensor. Optics Letters, 2013, 38, 1817.	3.3	20
9	Disordered Nanocomposite Islands for Nanospeckle Illumination Microscopy in Wide-Field Super-Resolution Imaging. Advanced Optical Materials, 2021, 9, 2100211.	7.3	10
10	Fabrication of Integrated Lensless Cameras via UV-Imprint Lithography. IEEE Photonics Journal, 2022, 14, 1-8.	2.0	6
11	Subpixel resolving optofluidic microscope based on super resolution algorithm. , 2011, , .		3
12	Stereoscopic optofluidic on-chip microscope. , 2011, , .		3
13	Color-capable sub-pixel resolving optofluidic microscope for on-chip cell imaging. , 2011, , .		2
14	ReMember. Proceedings of the ACM on Computer Graphics and Interactive Techniques, 2021, 4, 1-7.	1.6	1
15	Disordered Nanocomposite Islands for Nanospeckle Illumination Microscopy in Wide-Field Super-Resolution Imaging (Advanced Optical Materials 15/2021). Advanced Optical Materials, 2021, 9, 2170058.	7.3	1
16	Lensless Imaging with an End-to-End Deep Neural Network. , 2020, , .		1