

Andrew H Hill

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2646867/publications.pdf>

Version: 2024-02-01

14
papers

416
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Denoising of stimulated Raman scattering microscopy images via deep learning. <i>Biomedical Optics Express</i> , 2019, 10, 3860.	2.9	84
2	Cellular Imaging Using Stimulated Raman Scattering Microscopy. <i>Analytical Chemistry</i> , 2019, 91, 9333-9342.	6.5	65
3	Screened Charge Carrier Transport in Methylammonium Lead Iodide Perovskite Thin Films. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 948-953.	4.6	49
4	Super-Resolution Structured Pump-Probe Microscopy. <i>ACS Photonics</i> , 2016, 3, 501-506.	6.6	40
5	Ultrafast Excited-State Transport and Decay Dynamics in Cesium Lead Mixed Halide Perovskites. <i>ACS Energy Letters</i> , 2017, 2, 1501-1506.	17.4	40
6	Intraoperative assessment of skull base tumors using stimulated Raman scattering microscopy. <i>Scientific Reports</i> , 2019, 9, 20392.	3.3	35
7	Tissue imaging depth limit of stimulated Raman scattering microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 762.	2.9	30
8	Perovskite Carrier Transport: Disentangling the Impacts of Effective Mass and Scattering Time Through Microscopic Optical Detection. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2808-2813.	4.6	21
9	Frequency Modulation Stimulated Raman Scattering Microscopy through Polarization Encoding. <i>Journal of Physical Chemistry B</i> , 2019, 123, 8397-8404.	2.6	21
10	In Vitro Quantification of Single Red Blood Cell Oxygen Saturation by Femtosecond Transient Absorption Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3312-3317.	4.6	14
11	Screening Links Transport and Recombination Mechanisms in Lead Halide Perovskites. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15827-15833.	3.1	7
12	Imaging theory of structured pump-probe microscopy. <i>Optics Express</i> , 2016, 24, 20868.	3.4	5
13	In vivo simultaneous nonlinear absorption Raman and fluorescence (SNARF) imaging of mouse brain cortical structures. <i>Communications Biology</i> , 2022, 5, 222.	4.4	4
14	Transient absorption imaging of carrier dynamics in disordered semiconductors. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0