Andrew H Hill

List of Publications by Year
in descending order

14	416	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	642
all docs	docs citations	times ranked	citing authors

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