

Aaron R Halpern

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

784
citations

840119

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1125271

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13
all docs

13
docs citations

13
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile, do-it-yourself, low-cost spinning disk confocal microscope. Biomedical Optics Express, 2022, 13, 1102.	1.5	11
2	Feature-rich covalent stains for super-resolution and cleared tissue fluorescence microscopy. Science Advances, 2020, 6, eaba4542.	4.7	60
3	Hybrid Structured Illumination Expansion Microscopy Reveals Microbial Cytoskeleton Organization. ACS Nano, 2017, 11, 12677-12686.	7.3	120
4	Single-Nanoparticle Near-Infrared Surface Plasmon Resonance Microscopy for Real-Time Measurements of DNA Hybridization Adsorption. ACS Nano, 2014, 8, 1022-1030.	7.3	134
5	Fabrication of DNA Microarrays on Polydopamine-Modified Gold Thin Films for SPR Imaging Measurements. Langmuir, 2013, 29, 10868-10873.	1.6	47
6	Electrodeposition of Polydopamine Thin Films for DNA Patterning and Microarrays. Analytical Chemistry, 2013, 85, 9991-9995.	3.2	70
7	Lithographically Patterned Electrodeposition of Gold, Silver, and Nickel Nanoring Arrays with Widely Tunable Near-Infrared Plasmonic Resonances. ACS Nano, 2013, 7, 1755-1762.	7.3	118
8	Wafer-Scale Fabrication of Nanofluidic Arrays and Networks Using Nanoimprint Lithography and Lithographically Patterned Nanowire Electrodeposition Gold Nanowire Masters. Analytical Chemistry, 2012, 84, 5053-5058.	3.2	8
9	Near Infrared Surface Plasmon Resonance Phase Imaging and Nanoparticle-Enhanced Surface Plasmon Resonance Phase Imaging for Ultrasensitive Protein and DNA Biosensing with Oligonucleotide and Aptamer Microarrays. Analytical Chemistry, 2012, 84, 440-445.	3.2	58
10	On-Chip Synthesis of Protein Microarrays from DNA Microarrays via Coupled In Vitro Transcription and Translation for Surface Plasmon Resonance Imaging Biosensor Applications. Journal of the American Chemical Society, 2012, 134, 12358-12361.	6.6	48
11	Surface Plasmon Resonance Phase Imaging Measurements of Patterned Monolayers and DNA Adsorption onto Microarrays. Analytical Chemistry, 2011, 83, 2801-2806.	3.2	78
12	Fabricating Nanoscale DNA Patterns with Gold Nanowires. Analytical Chemistry, 2010, 82, 3365-3370.	3.2	16
13	Characterization of Electrodeposited Gold and Palladium Nanowire Gratings with Optical Diffraction Measurements. Analytical Chemistry, 2009, 81, 5585-5592.	3.2	16