

Aaron Goldfain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4368127/publications.pdf>

Version: 2024-02-01

11
papers

249
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of the self-assembly kinetics of individual viral capsids around their RNA genome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22485-22490.	7.1	67
2	Two-Dimensional Microrheology of Freely Suspended Liquid Crystal Films. Physical Review Letters, 2011, 107, 268301.	7.8	41
3	Dual-comb photoacoustic spectroscopy. Nature Communications, 2020, 11, 3152.	12.8	41
4	Tracking and Analyzing the Brownian Motion of Nano-objects Inside Hollow Core Fibers. ACS Sensors, 2020, 5, 879-886.	7.8	29
5	Dynamic Measurements of the Position, Orientation, and DNA Content of Individual Unlabeled Bacteriophages. Journal of Physical Chemistry B, 2016, 120, 6130-6138.	2.6	25
6	Hydrodynamic interactions in freely suspended liquid crystal films. Physical Review E, 2016, 94, 052701.	2.1	12
7	Polydimethylsiloxane tissue-mimicking phantoms with tunable optical properties. Journal of Biomedical Optics, 2021, 27, .	2.6	10
8	Before the breach: Interactions between colloidal particles and liquid interfaces at nanoscale separations. Physical Review E, 2019, 100, 042605.	2.1	9
9	Coalescence of islands in freely suspended smectic films. Physical Review Research, 2021, 3, .	3.6	8
10	Spatial frequency domain Mueller matrix imaging. , 2021, , .		3
11	Optical phase contrast imaging for absolute, quantitative measurements of ultrasonic fields with frequencies up to 20â€‰MHz. Journal of the Acoustical Society of America, 2021, 149, 4620-4629.	1.1	2