

Axel Hochstetter

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

274
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterministic Lateral Displacement: Challenges and Perspectives. ACS Nano, 2020, 14, 10784-10795.	14.6	97
2	Microfluidic Devices for Drug Assays. High-Throughput, 2018, 7, 18.	4.4	46
3	Optical trapping reveals propulsion forces, power generation and motility efficiency of the unicellular parasites Trypanosoma brucei brucei. Scientific Reports, 2015, 4, 6515.	3.3	33
4	Microfluidics-based single cell analysis reveals drug-dependent motility changes in trypanosomes. Lab on A Chip, 2015, 15, 1961-1968.	6.0	30
5	Lab-on-a-Chip Technologies for the Single Cell Level: Separation, Analysis, and Diagnostics. Micromachines, 2020, 11, 468.	2.9	25
6	The Fate of Lipid-Coated and Uncoated Fluorescent Nanodiamonds during Cell Division in Yeast. Nanomaterials, 2020, 10, 516.	4.1	18
7	Motility, Force Generation, and Energy Consumption of Unicellular Parasites. Trends in Parasitology, 2016, 32, 531-541.	3.3	11
8	Microfluidics-Based Approaches to the Isolation of African Trypanosomes. Pathogens, 2017, 6, 47.	2.8	6
9	Matrix-masking to balance nonuniform illumination in microscopy. Optics Express, 2018, 26, 17279.	3.4	5
10	Presegmentation Procedure Generates Smooth-Sided Microfluidic Devices: Unlocking Multiangle Imaging for Everyone?. ACS Omega, 2019, 4, 20972-20977.	3.5	2
11	Multi-color laser excitation of diamond nitrogen vacancy centers embedded in nanophotonic structures. AIP Advances, 2021, 11, 065006.	1.3	1