John A Heyman

List of Publications by Year
in descending order

13 papers	1,716 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	2995 citing authors

#	Article	IF	Citations
1	High-throughput single-cell antibody secretion quantification and enrichment using droplet microfluidics-based FRET assay. IScience, 2022, 25, 104515.	4.1	14
2	Linear triglycerol-based fluorosurfactants show high potential for droplet-microfluidics-based biochemical assays. Soft Matter, 2021, 17, 7260-7267.	2.7	8
3	DNAzyme-powered nucleic acid release from solid supports. Chemical Communications, 2020, 56, 647-650.	4.1	3
4	Rapid isolation of antigen-specific B-cells using droplet microfluidics. RSC Advances, 2020, 10, 27006-27013.	3.6	30
5	Droplet encapsulation improves accuracy of immune cell cytokine capture assays. Lab on A Chip, 2020, 20, 1513-1520.	6.0	30
6	MAFG-driven astrocytes promote CNS inflammation. Nature, 2020, 578, 593-599.	27.8	282
7	Ultra-high-throughput picoliter-droplet microfluidics screening of the industrial cellulase-producing filamentous fungus Trichoderma reesei. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1603-1610.	3.0	40
8	Dendronized fluorosurfactant for highly stable water-in-fluorinated oil emulsions with minimal inter-droplet transfer of small molecules. Nature Communications, 2019, 10, 4546.	12.8	95
9	Rapid additive-free bacteria lysis using traveling surface acoustic waves in microfluidic channels. Lab on A Chip, 2019, 19, 4064-4070.	6.0	21
10	Sensitive and predictable separation of microfluidic droplets by size using in-line passive filter. Biomicrofluidics, 2017, 11, 014114.	2.4	13
11	One-pot system for synthesis, assembly, and display of functional single-span membrane proteins on oilâ€“water interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 608-613.	7.1	8
12	Label-free single-cell protein quantification using a drop-based mix-and-read system. Scientific Reports, 2015, 5, 12756.	3.3	26
13	Single-cell analysis and sorting using droplet-based microfluidics. Nature Protocols, 2013, 8, 870-891.	12.0	1,146