

# John A Heyman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7345489/publications.pdf>

Version: 2024-02-01

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