

# Witold Postek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7338392/publications.pdf>

Version: 2024-02-01

9  
papers

344  
citations

1040056

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1474206

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10  
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10  
docs citations

10  
times ranked

402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments of microfluidics as a tool for biotechnology and microbiology. <i>Current Opinion in Biotechnology</i> , 2019, 55, 60-67.	6.6	63
2	Droplet-based digital antibiotic susceptibility screen reveals single-cell clonal heteroresistance in an isogenic bacterial population. <i>Scientific Reports</i> , 2020, 10, 3282.	3.3	54
3	Automated generation of libraries of nL droplets. <i>Lab on A Chip</i> , 2012, 12, 3995.	6.0	45
4	A passive microfluidic system based on step emulsification allows the generation of libraries of nanoliter-sized droplets from microliter droplets of varying and known concentrations of a sample. <i>Lab on A Chip</i> , 2017, 17, 1323-1331.	6.0	44
5	Microfluidic screening of antibiotic susceptibility at a single-cell level shows the inoculum effect of cefotaxime on <i>E. coli</i> . <i>Lab on A Chip</i> , 2018, 18, 3668-3677.	6.0	37
6	Gravity-driven microfluidic assay for digital enumeration of bacteria and for antibiotic susceptibility testing. <i>Lab on A Chip</i> , 2020, 20, 54-63.	6.0	35
7	Droplet Microfluidics for High-Throughput Analysis of Antibiotic Susceptibility in Bacterial Cells and Populations. <i>Accounts of Chemical Research</i> , 2022, 55, 605-615.	15.6	29
8	A precise and accurate microfluidic droplet dilutor. <i>Analyst</i> , 2017, 142, 2901-2911.	3.5	19
9	Study of Active Janus Particles in the Presence of an Engineered Oil-Water Interface. <i>Langmuir</i> , 2021, 37, 204-210.	3.5	16