

# Hiroki Yasuga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8158249/publications.pdf>

Version: 2024-02-01

16  
papers

158  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic microfluidic paper: high surface area and high porosity polymer micropillar arrays. Lab on A Chip, 2016, 16, 298-304.	6.0	60
2	Logic Gate Operation by DNA Translocation through Biological Nanopores. PLoS ONE, 2016, 11, e0149667.	2.5	33
3	Self-generation of two-dimensional droplet array using oil-water immiscibility and replacement. Lab on A Chip, 2018, 18, 1130-1137.	6.0	21
4	Fluid interfacial energy drives the emergence of three-dimensional periodic structures in micropillar scaffolds. Nature Physics, 2021, 17, 794-800.	16.7	17
5	Large Curvature Self-Folding Method of a Thick Metal Layer for Hinged Origami/Kirigami Stretchable Electronic Devices. Micromachines, 2022, 13, 907.	2.9	11
6	Serial DNA relay in DNA logic gates by electrical fusion and mechanical splitting of droplets. PLoS ONE, 2017, 12, e0180876.	2.5	8
7	Ion concentration measurement using synthetic microfluidic papers. PLoS ONE, 2020, 15, e0242188.	2.5	3
8	New Sensing Technologies: Microtas/NEMS/MEMS. , 2023, , 526-540.		2
9	Tuneable Microparticle Filters. , 2019, , .		1
10	Quantification of Visual Texture and Presentation of Intermediate Visual Texture by Spatial Mixing. Micromachines, 2022, 13, 255.	2.9	1
11	FLUID3EAMS: Fluid-Fluid Interfacial Energy Driven 3D Structure Emergence in A Micropillar Scaffold and Development in Bioengineering. Seibutsu Butsuri, 2022, 62, 110-113.	0.1	1
12	Stacking 2D Droplet Arrays for 3D Configurable Droplet Network. , 2019, , .		0
13	Ion concentration measurement using synthetic microfluidic papers. , 2020, 15, e0242188.		0
14	Ion concentration measurement using synthetic microfluidic papers. , 2020, 15, e0242188.		0
15	Ion concentration measurement using synthetic microfluidic papers. , 2020, 15, e0242188.		0
16	Ion concentration measurement using synthetic microfluidic papers. , 2020, 15, e0242188.		0