

# Hiroki Yasuga

## List of Publications by Year in descending order

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docs citations

16  
times ranked

214  
citing authors

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