

Matthias Hermann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4891864/publications.pdf>

Version: 2024-02-01

8
papers

67
citations

1684188
5
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic-free, versatile sessile droplet microfluidic device for chemical separation using an aqueous two-phase system. <i>Lab on A Chip</i> , 2019, 19, 654-664.	6.0	20
2	Leveraging 3D printing to enhance mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2021, 1166, 338332.	5.4	17
3	Bombardment induced ion transport – part IV: ionic conductivity of ultra-thin polyelectrolyte multilayer films. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4345-4351.	2.8	12
4	Hydrophobic/hydrophilic patterned surfaces for directed evaporative preconcentration. <i>Analyst</i> , The, 2020, 145, 643-650.	3.5	6
5	Open sessile droplet viscometer with low sample consumption. <i>Lab on A Chip</i> , 2020, 20, 1869-1876.	6.0	5
6	Portable microfluidic platform employing Young’s Laplace pumping enabling flowrate controlled applications. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 1.	2.2	5
7	Discontinuously Dewetting Solvent Arrays: Droplet Formation and Poly-Synchronous Surface Extraction for Mass Spectrometry Imaging Applications. <i>Analytical Chemistry</i> , 2022, 94, 7219-7228.	6.5	2
8	Rapid Mass Spectrometric Calibration and Standard Addition Using Hydrophobic/Hydrophilic Patterned Surfaces and Discontinuous Dewetting. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 660-670.	2.8	0