

Tuuli A Hakala

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

604
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of enzyme immobilization and skin-sensor interface on non-invasive glucose determination from interstitial fluid obtained by magnetohydrodynamic extraction. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114123.	10.1	19
2	Protein Conjugation by Electrophilic Alkynylation Using 5-(Alkynyl)dibenzothiophenium Triflates. <i>Bioconjugate Chemistry</i> , 2021, 32, 1570-1575.	3.6	15
3	Label-Free Protein Analysis Using Liquid Chromatography with Gravimetric Detection. <i>Analytical Chemistry</i> , 2021, 93, 2848-2853.	6.5	10
4	Accelerating Reaction Rates of Biomolecules by Using Shear Stress in Artificial Capillary Systems. <i>Journal of the American Chemical Society</i> , 2021, 143, 16401-16410.	13.7	10
5	Long-term hydrophilization of polydimethylsiloxane (PDMS) for capillary filling microfluidic chips. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	2.2	16
6	Biomimetic peptide self-assembly for functional materials. <i>Nature Reviews Chemistry</i> , 2020, 4, 615-634.	30.2	411
7	Multi-scale microporous silica microcapsules from gas-in water-in oil emulsions. <i>Soft Matter</i> , 2020, 16, 3082-3087.	2.7	11
8	Continuous Flow Reactors from Microfluidic Compartmentalization of Enzymes within Inorganic Microparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32951-32960.	8.0	15
9	Mechanism of droplet-formation in a supersonic microfluidic spray device. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	14
10	A Microfluidic Co-Flow Route for Human Serum Albumin-Drug Nanoparticle Assembly. <i>Chemistry - A European Journal</i> , 2020, 26, 5965-5969.	3.3	17
11	Quaternization of Vinyl/Alkynyl Pyridine Enables Ultrafast Cysteine-Selective Protein Modification and Charge Modulation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6640-6644.	13.8	55
12	Quaternization of Vinyl/Alkynyl Pyridine Enables Ultrafast Cysteine-Selective Protein Modification and Charge Modulation. <i>Angewandte Chemie</i> , 2019, 131, 6712-6716.	2.0	11