

Kristian Torbensen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,179
citations

1040056

9
h-index

1058476

14
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14
all docs

14
docs citations

14
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular electrocatalysts can mediate fast, selective CO ₂ reduction in a flow cell. <i>Science</i> , 2019, 365, 367-369.	12.6	601
2	CO ₂ electrochemical catalytic reduction with a highly active cobalt phthalocyanine. <i>Nature Communications</i> , 2019, 10, 3602.	12.8	307
3	Iron Porphyrin Allows Fast and Selective Electrocatalytic Conversion of CO ₂ to CO in a Flow Cell. <i>Chemistry - A European Journal</i> , 2020, 26, 3034-3038.	3.3	52
4	Molecular Catalysts Boost the Rate of Electrolytic CO ₂ Reduction. <i>ACS Energy Letters</i> , 2020, 5, 1512-1518.	17.4	52
5	Chemical communication and dynamics of droplet emulsions in networks of Belousov-Zhabotinsky micro-oscillators produced by microfluidics. <i>Lab on A Chip</i> , 2017, 17, 1179-1189.	6.0	46
6	Interaction of the Belousov-Zhabotinsky Reaction with Phospholipid Engineered Membranes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10224-10230.	2.6	29
7	Tuning the Chemical Communication of Oscillating Microdroplets by Means of Membrane Composition. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13256-13264.	3.1	26
8	Membrane Structure Drives Synchronization Patterns in Arrays of Diffusively Coupled Self-Oscillating Droplets. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2014-2020.	4.6	22
9	Emergence of CO ₂ electrolyzers including supported molecular catalysts. <i>Current Opinion in Electrochemistry</i> , 2020, 24, 49-55.	4.8	15
10	Lipid-Stabilized Water-Oil Interfaces Studied by Microfocusing Small-Angle X-ray Scattering. <i>Langmuir</i> , 2017, 33, 9100-9105.	3.5	8
11	Easy-to-assemble and adjustable coaxial flow-focusing microfluidic device for generating controllable water/oil/water double emulsions: Toward templating giant liposomes with different properties. <i>Journal of Flow Chemistry</i> , 2015, 5, 234-240.	1.9	7
12	Microfluidic compartmentalization of diffusively coupled oscillators in multisomes induces a novel synchronization scenario. <i>Chemical Communications</i> , 2020, 56, 11771-11774.	4.1	7
13	Exploring the water/oil/water interface of phospholipid stabilized double emulsions by micro-focusing synchrotron SAXS. <i>RSC Advances</i> , 2019, 9, 33429-33435.	3.6	5
14	Tip Streaming of a Lipid-Stabilized Double Emulsion Generated in a Microfluidic Channel. <i>Langmuir</i> , 2021, 37, 7442-7448.	3.5	2