

Erica Earl

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

877
citations

933264

10
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

1552
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate channelling as an approach to cascade reactions. <i>Nature Chemistry</i> , 2016, 8, 299-309.	6.6	514
2	Measuring conductivity of living <i>Geobacter sulfurreducens</i> biofilms. <i>Nature Nanotechnology</i> , 2016, 11, 910-913.	15.6	99
3	Investigating the Nature of the Active Sites for the CO ₂ Reduction Reaction on Carbon-Based Electrocatalysts. <i>ACS Catalysis</i> , 2019, 9, 7668-7678.	5.5	58
4	Carbon fiber microelectrodes modified with carbon nanotubes as a new support for immobilization of glucose oxidase. <i>Mikrochimica Acta</i> , 2011, 175, 283-289.	2.5	48
5	Time-Resolved Local pH Measurements during CO ₂ Reduction Using Scanning Electrochemical Microscopy: Buffering and Tip Effects. <i>Jacs Au</i> , 2021, 1, 1915-1924.	3.6	42
6	Effect of pyrolysis pressure on activity of Fe-N-C catalysts for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21494-21500.	5.2	27
7	Zinc-electrocatalyzed hydrogenation of furfural in near-neutral electrolytes. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2972-2984.	2.5	14
8	Simulation of intermediate transport in nanoscale scaffolds for multistep catalytic reactions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15463-15470.	1.3	13
9	Cascade Kinetics of an Artificial Metabolon by Molecular Dynamics and Kinetic Monte Carlo. <i>ACS Catalysis</i> , 2018, 8, 7719-7726.	5.5	13
10	Markov-State Transition Path Analysis of Electrostatic Channeling. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15284-15292.	1.5	12
11	Simulation of Intermediate Channeling by Nanoscale Confinement. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14474-14480.	1.5	9
12	Integration of Platinum Group Metal-Free Catalysts and Bilirubin Oxidase into a Hybrid Material for Oxygen Reduction: Interplay of Chemistry and Morphology. <i>ChemSusChem</i> , 2017, 10, 1534-1542.	3.6	8
13	Characterizing Electron Transport through Living Biofilms. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	8
14	Integrated Experimental and Theoretical Studies on an Electrochemical Immunosensor. <i>Biosensors</i> , 2020, 10, 144.	2.3	4
15	Confinement and Diffusion of Small Molecules in a Molecular-Scale Tunnel. <i>Journal of the Electrochemical Society</i> , 2020, 167, 023505.	1.3	3
16	Infrequent metadynamics study of rare-event electrostatic channeling. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13381-13388.	1.3	3
17	Numerical Correction of In Situ AFM-SECM Measurements. <i>Analytical Chemistry</i> , 2021, 93, 12495-12503.	3.2	2
18	Markov State Study of Electrostatic Channeling within the Tricarboxylic Acid Cycle Supercomplex. <i>ACS Nanoscience Au</i> , 2022, 2, 414-421.	2.0	0