

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