

Laura E E Fernandez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

558
citations

840776

11
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Access to Atomically Dispersed Metals in Metal-Organic Frameworks via a Combined Atomic-Layer-Deposition-in-MOF and Metal-Exchange Approach. <i>Chemistry of Materials</i> , 2016, 28, 1213-1219.	6.7	85
2	Nano Day: Celebrating the Next Decade of Nanoscience and Nanotechnology. <i>ACS Nano</i> , 2016, 10, 9093-9103.	14.6	77
3	Insights into proton-coupled electron transfer mechanisms of electrocatalytic H ₂ oxidation and production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15663-15668.	7.1	76
4	The effect of yttrium dopant on the proton conduction pathways of BaZrO ₃ , a cubic perovskite. <i>Journal of Chemical Physics</i> , 2010, 132, 214709.	3.0	55
5	Theoretical Analysis of Proton Relays in Electrochemical Proton-Coupled Electron Transfer. <i>Journal of the American Chemical Society</i> , 2011, 133, 8282-8292.	13.7	54
6	Theoretical Analysis of the Sequential Proton-Coupled Electron Transfer Mechanisms for H ₂ Oxidation and Production Pathways Catalyzed by Nickel Molecular Electrocatalysts. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3171-3180.	3.1	54
7	pH-Dependent Reduction Potentials and Proton-Coupled Electron Transfer Mechanisms in Hydrogen-Producing Nickel Molecular Electrocatalysts. <i>Inorganic Chemistry</i> , 2013, 52, 3643-3652.	4.0	50
8	Theoretical Design of Molecular Electrocatalysts with Flexible Pendant Amines for Hydrogen Production and Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 542-546.	4.6	32
9	Nanoscience and Nanotechnology Impacting Diverse Fields of Science, Engineering, and Medicine. <i>ACS Nano</i> , 2016, 10, 10615-10617.	14.6	22
10	Physical Molecular Mechanics Method for Damped Dispersion. <i>Journal of Physical Chemistry A</i> , 2017, 121, 2855-2862.	2.5	12
11	Theory, Simulation, and Computation in Nanoscience and Nanotechnology. <i>ACS Nano</i> , 2017, 11, 6505-6506.	14.6	12
12	Materials Applications of Aptamers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9289-9290.	8.0	8
13	Announcing the 2018 <i>ACS Nano</i> Lectureship Awards. <i>ACS Nano</i> , 2018, 12, 1-2.	14.6	7
14	ChemRxiv: A Chemistry Preprint Server. <i>ACS Nano</i> , 2016, 10, 9053-9054.	14.6	5
15	Forum on Wearable and Biodegradable Sensors. <i>ACS Applied Bio Materials</i> , 2021, 4, 1-2.	4.6	3
16	Forum on Translational DNA Nanotechnology. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13833-13834.	8.0	2
17	Forum on Wearable and Biodegradable Sensors. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1-2.	4.3	2
18	A Big Year Ahead for Nano in 2018. <i>ACS Nano</i> , 2017, 11, 11755-11757.	14.6	1

#	ARTICLE	IF	CITATIONS
19	Young Investigator Forum of <i>ACS Applied Bio Materials</i>. ACS Applied Bio Materials, 2020, 3, 1-1.	4.6	1
20	ChemRxiv: A Chemistry Preprint Server. ACS Chemical Biology, 2016, 11, 2937-2937.	3.4	0
21	Our First and Next Decades at ACS Nano. ACS Nano, 2017, 11, 7553-7555.	14.6	0
22	Forum on Graphdiyne Materials: Preparation, Structure, and Function. ACS Applied Materials & Interfaces, 2019, 11, 2561-2562.	8.0	0
23	Young Investigator Forum. ACS Applied Materials & Interfaces, 2020, 12, 5167-5168.	8.0	0
24	ACS Applied Materials & Interfaces Family Early Career Forumâ€™2022. ACS Applied Bio Materials, 2022, 5, 1829-1830.	4.6	0
25	<i>ACS Applied Materials & Interfaces</i> Family Early Career Forum 2022. ACS Applied Materials & Interfaces, 2022, 14, 22679-22680.	8.0	0