

Andrew D Pendergast

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8765727/publications.pdf>

Version: 2024-02-01

10
papers

541
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrosynthesis of high-entropy metallic glass nanoparticles for designer, multi-functional electrocatalysis. <i>Nature Communications</i> , 2019, 10, 2650.	12.8	286
2	A Universal Platform for the Electrodeposition of Ligand-Free Metal Nanoparticles from a Water-in-Oil Emulsion System. <i>ACS Applied Nano Materials</i> , 2018, 1, 5702-5711.	5.0	52
3	SweepStat: A Build-It-Yourself, Two-Electrode Potentiostat for Macroelectrode and Ultramicroelectrode Studies. <i>Journal of Chemical Education</i> , 2020, 97, 265-270.	2.3	51
4	Single-entity electrochemistry at confined sensing interfaces. <i>Science China Chemistry</i> , 2020, 63, 589-618.	8.2	38
5	One-step electrodeposition of ligand-free PdPt alloy nanoparticles from water droplets: Controlling size, coverage, and elemental stoichiometry. <i>Electrochemistry Communications</i> , 2019, 98, 1-5.	4.7	27
6	Advanced Characterization Techniques for Evaluating Porosity, Nanopore Tortuosity, and Electrical Connectivity at the Single-Nanoparticle Level. <i>ACS Applied Nano Materials</i> , 2019, 2, 819-830.	5.0	25
7	Revealing Dynamic Rotation of Single Graphene Nanoplatelets on Electrified Microinterfaces. <i>ACS Nano</i> , 2021, 15, 1250-1258.	14.6	20
8	Correlated Optical- Electrochemical Measurements Reveal Bidirectional Current Steps for Graphene Nanoplatelet Collisions at Ultramicroelectrodes. <i>Analytical Chemistry</i> , 2021, 93, 2898-2906.	6.5	15
9	Electrodeposition of ligand-free copper nanoparticles from aqueous nanodroplets. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20048-20057.	10.3	13
10	Towards Quantifying Ion Kinetics at Confined Nanointerfaces Using Electrochemical Fluctuation Methods. <i>Electrochemical Society Interface</i> , 2020, 29, 81-82.	0.4	0