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	541	933447 10	1372567 10
papers	citations	h-index	g-index

11	11	11	672
all docs	docs citations	times ranked	citing authors

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