

Peng Sun

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,126
citations

840728

11
h-index

888047

17
g-index

18
all docs

18
docs citations

18
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of Electron-Transfer Reactions at Nanoelectrodes. <i>Analytical Chemistry</i> , 2006, 78, 6526-6534.	6.5	356
2	Scanning electrochemical microscopy in the 21st century. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 802-823.	2.8	276
3	Electrochemistry of Individual Molecules in Zeptoliter Volumes. <i>Journal of the American Chemical Society</i> , 2008, 130, 8241-8250.	13.7	146
4	Scanning Electrochemical Microscopy with Gold Nanotips: The Effect of Electrode Material on Electron Transfer Rates. <i>Journal of Physical Chemistry C</i> , 2009, 113, 459-464.	3.1	122
5	Scanning Electrochemical Microscopy with Slightly Recessed Nanotips. <i>Analytical Chemistry</i> , 2007, 79, 5809-5816.	6.5	66
6	Electrochemical Behaviors of Single Gold Nanoparticles. <i>Electroanalysis</i> , 2011, 23, 2270-2274.	2.9	30
7	Ion Transfer at Nanointerfaces between Water and Neat Organic Solvents. <i>Journal of the American Chemical Society</i> , 2005, 127, 8596-8597.	13.7	28
8	Effect of Mechanical Stress on the Kinetics of Heterogeneous Electron Transfer. <i>Langmuir</i> , 2008, 24, 9941-9944.	3.5	28
9	Formation of a Single Gold Nanoparticle on a Nanometer-Sized Electrode and Its Electrochemical Behaviors. <i>Journal of Physical Chemistry C</i> , 2013, 117, 6120-6125.	3.1	28
10	Combination of Scanning Electron Microscopy in the Characterization of a Nanometer-Sized Electrode and Current Fluctuation Observed at a Nanometer-Sized Electrode. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14970-14974.	3.1	16
11	Cylindrical Nanopore Electrode and Its Application to the Study of Electrochemical Reaction in Several Hundred Attoliter Volume. <i>Analytical Chemistry</i> , 2010, 82, 276-281.	6.5	12
12	Electrochemical Studies of Chemically Modified Nanometer-Sized Electrodes. <i>Electroanalysis</i> , 2011, 23, 481-486.	2.9	9
13	Voltammetry on a Nanometer-Sized Electrode in Solution Containing Very Dilute Electroactive Species. <i>Electroanalysis</i> , 2016, 28, 1880-1884.	2.9	3
14	Formation of a Single Pinhole on Self-Assembled Monolayer Modified Nanometer-Sized Gold Electrode and Its Electrochemical Behaviors. <i>Electroanalysis</i> , 2011, 23, 2205-2211.	2.9	2
15	Voltammetric Response on a Puller-Made Nanometer-Sized Electrode. <i>Electroanalysis</i> , 2013, 25, 787-792.	2.9	2
16	Voltammetry of Ferrocenated Gold Nanoparticles on a Nanometer-Sized Electrode. <i>Electroanalysis</i> , 2014, 26, 1045-1050.	2.9	1
17	Potentiometric Study of the Growth of a Single Au Nanoparticle. <i>Electroanalysis</i> , 2023, 35, .	2.9	1
18	Evaluation of the Stoichiometry between PtCl_6^{2-} and TOA^+ Ions during the Liquid/Liquid Extraction. <i>Electroanalysis</i> , 2018, 30, 2440-2444.	2.9	0