

Ran Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5654161/publications.pdf>

Version: 2024-02-01

20
papers

607
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Acetylcholine at Nanoscale NPOE/Water Liquid/Liquid Interface Electrodes. <i>Analytical Chemistry</i> , 2021, 93, 16535-16542.	6.5	9
2	Avocado oil, coconut oil, walnut oil as true oil phase for ion transfer at nanoscale liquid/liquid interfaces. <i>Electrochimica Acta</i> , 2020, 357, 136788.	5.2	12
3	Nanoelectrochemistry in the study of single-cell signaling. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6121-6132.	3.7	15
4	Detection of zwitterion at an electrified liquid-liquid interface: A chemical equilibrium perspective. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114303.	3.8	5
5	A Newly Synthesized Tris(crown ether) Ionophore for Assisted Ion Transfer at NanoITIES Electrodes. <i>ChemElectroChem</i> , 2020, 7, 967-974.	3.4	7
6	Nanoscale Intelligent Imaging Based on Real-Time Analysis of Approach Curve by Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2019, 91, 10227-10235.	6.5	9
7	REAL TIME STUDIES OF ACETYLCHOLINE RELEASE FROM SINGLE SYNAPSES AND SINGLE CELLS WITH NANOMETER SPATIAL RESOLUTION. , 2019, , 161-178.		2
8	GABA Detection with Nano-ITIES Pipet Electrode: A New Mechanism, Water/DCEâ€“Octanoic Acid Interface. <i>Analytical Chemistry</i> , 2018, 90, 3067-3072.	6.5	47
9	Voltammetric Measurement of Adsorption Isotherm for Ferrocene Derivatives on Highly Oriented Pyrolytic Graphite. <i>Analytical Chemistry</i> , 2018, 90, 13632-13639.	6.5	21
10	A Nanopipette Platform for Delivering Nanoliter Volumes of Acetylcholine. <i>Journal of the Electrochemical Society</i> , 2018, 165, G3093-G3098.	2.9	4
11	Self-Inhibitory Electron Transfer of the Co(III)/Co(II)-Complex Redox Couple at Pristine Carbon Electrode. <i>Analytical Chemistry</i> , 2018, 90, 11115-11123.	6.5	19
12	Single Synaptic Observation of Cholinergic Neurotransmission on Living Neurons: Concentration and Dynamics. <i>Journal of the American Chemical Society</i> , 2018, 140, 7764-7768.	13.7	67
13	Characterization of Nanopipet-Supported ITIES Tips for Scanning Electrochemical Microscopy of Single Solid-State Nanopores. <i>Analytical Chemistry</i> , 2017, 89, 9946-9952.	6.5	24
14	Ultraflat, Pristine, and Robust Carbon Electrode for Fast Electron-Transfer Kinetics. <i>Analytical Chemistry</i> , 2017, 89, 13532-13540.	6.5	22
15	Scanning Electrochemical Microscopy of Carbon Nanomaterials and Graphite. <i>Accounts of Chemical Research</i> , 2016, 49, 2007-2014.	15.6	29
16	Origin of Asymmetry of Paired Nanogap Voltammograms Based on Scanning Electrochemical Microscopy: Contamination Not Adsorption. <i>Analytical Chemistry</i> , 2016, 88, 8323-8331.	6.5	33
17	Focused-Ion-Beam-Milled Carbon Nanoelectrodes for Scanning Electrochemical Microscopy. <i>Journal of the Electrochemical Society</i> , 2016, 163, H3032-H3037.	2.9	45
18	Ultrafast Electron Transfer Kinetics of Graphene Grown by Chemical Vapor Deposition. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15134-15137.	13.8	49

#	ARTICLE	IF	CITATIONS
19	Organic Contamination of Highly Oriented Pyrolytic Graphite As Studied by Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 4836-4843.	6.5	78
20	Origins of Nanoscale Damage to Glass-Sealed Platinum Electrodes with Submicrometer and Nanometer Size. <i>Analytical Chemistry</i> , 2013, 85, 6198-6202.	6.5	104