

Collin J Mckinney

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5910948/publications.pdf>

Version: 2024-02-01

17
papers

382
citations

933264

10
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithographically Patterning Hybrid Perovskite Single Crystals by Surface-Engineered Amino-Deliquescence/Efflorescence. <i>ACS Photonics</i> , 2021, 8, 2329-2336.	3.2	4
2	Next-Generation Diamond Electrodes for Neurochemical Sensing: Challenges and Opportunities. <i>Micromachines</i> , 2021, 12, 128.	1.4	15
3	Label-Free Identification of Single Mononucleotides by Nanoscale Electrophoresis. <i>Small</i> , 2021, 17, e2102567.	5.2	8
4	Label-Free Identification of Single Mononucleotides by Nanoscale Electrophoresis (<i>Small</i> 42/2021). <i>Small</i> , 2021, 17, 2170220.	5.2	0
5	SweepStat: A Build-It-Yourself, Two-Electrode Potentiostat for Macroelectrode and Ultramicroelectrode Studies. <i>Journal of Chemical Education</i> , 2020, 97, 265-270.	1.1	51
6	Ratcheting quasi-ballistic electrons in silicon geometric diodes at room temperature. <i>Science</i> , 2020, 368, 177-180.	6.0	22
7	All-Diamond Microfiber Electrodes for Neurochemical Analysis. <i>Journal of the Electrochemical Society</i> , 2018, 165, G3087-G3092.	1.3	20
8	Expanding neurochemical investigations with multi-modal recording: simultaneous fast-scan cyclic voltammetry, iontophoresis, and patch clamp measurements. <i>Analyst</i> , The, 2016, 141, 4902-4911.	1.7	16
9	A multi-site array for combined local electrochemistry and electrophysiology in the non-human primate brain. <i>Journal of Neuroscience Methods</i> , 2015, 255, 29-37.	1.3	20
10	Flexible Software Platform for Fast-Scan Cyclic Voltammetry Data Acquisition and Analysis. <i>Analytical Chemistry</i> , 2013, 85, 10344-10353.	3.2	75
11	Instrumentation for fast-scan cyclic voltammetry combined with electrophysiology for behavioral experiments in freely moving animals. <i>Review of Scientific Instruments</i> , 2011, 82, 074302.	0.6	54
12	Estimation of Size for 1 st 2 nm Nanoparticles Using an HPLC Electrochemical Detector of Double Layer Charging. <i>Analytical Chemistry</i> , 2003, 75, 5088-5096.	3.2	64
13	Analog fiber optic transmission link. <i>Review of Scientific Instruments</i> , 2001, 72, 3687-3690.	0.6	1
14	Hardware and software for tachistoscropy: How to make accurate measurements on any PC utilizing the Microsoft Windows operating system. <i>Behavior Research Methods</i> , 1999, 31, 129-136.	1.3	20
15	PIN photodiode-based miniature gamma radiation detector for multiple applications including positron emission tomography radioisotopes. <i>Review of Scientific Instruments</i> , 1994, 65, 861-864.	0.6	3
16	Transportation system for ¹¹ C ¹⁸ O ₂ . <i>Review of Scientific Instruments</i> , 1989, 60, 783-786.	0.6	4
17	Automatic system for the control of batch-produced ¹¹ C ¹⁸ O ₂ for continuous labeling experiments. <i>Review of Scientific Instruments</i> , 1988, 59, 467-469.	0.6	5