

Ying Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/482962/publications.pdf>

Version: 2024-02-01

22
papers

555
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced aerobic nitrifying granulation by static magnetic field. <i>Bioresource Technology</i> , 2012, 110, 105-110.	9.6	78
2	Connecting electrodes with light: one wire, many electrodes. <i>Chemical Science</i> , 2015, 6, 6769-6776.	7.4	76
3	A photoelectrochemical platform for the capture and release of rare single cells. <i>Nature Communications</i> , 2018, 9, 2288.	12.8	68
4	Facile Preparation of Graphene/Polyaniline Composite and Its Application for Electrocatalysis Hexavalent Chromium Reduction. <i>Electrochimica Acta</i> , 2014, 132, 496-503.	5.2	56
5	Light Activated Electrochemistry: Light Intensity and pH Dependence on Electrochemical Performance of Anthraquinone Derivatized Silicon. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2874-2882.	3.1	36
6	Light-Addressable Ion Sensing for Real-Time Monitoring of Extracellular Potassium. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16801-16805.	13.8	31
7	The resistance to over-oxidation for polyaniline initiated by the resulting quinone-like molecules. <i>Polymer Degradation and Stability</i> , 2011, 96, 1799-1804.	5.8	27
8	Light-Activated Electrochemistry for the Two-Dimensional Interrogation of Electroactive Regions on a Monolithic Surface with Dramatically Improved Spatial Resolution. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13032-13038.	3.1	24
9	Exceptional ion-exchange selectivity for perchlorate based on polyaniline films. <i>Electrochimica Acta</i> , 2011, 56, 7644-7650.	5.2	22
10	Fabrication, mechanical properties and failure mechanism of random and aligned nanofiber membrane with different parameters. <i>Nanotechnology Reviews</i> , 2019, 8, 218-226.	5.8	21
11	Stability of Chemically Passivated Silicon Electrodes in Aqueous Solutions: Interplay between Bias Voltage and Hydration of the Electrolyte. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15941-15948.	3.1	15
12	Observing the Reversible Single Molecule Electrochemistry of Alexa Fluor 647 Dyes by Total Internal Reflection Fluorescence Microscopy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14495-14498.	13.8	15
13	Amorphous silicon on indium tin oxide: a transparent electrode for simultaneous light activated electrochemistry and optical microscopy. <i>Chemical Communications</i> , 2019, 55, 123-126.	4.1	15
14	Heterojunctions Based on Amorphous Silicon: A Versatile Surface Engineering Strategy To Tune Peak Position of Redox Monolayers on Photoelectrodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 836-844.	3.1	15
15	Light-activated electrochemistry on alkyne-terminated Si(100) surfaces towards solution-based redox probes. <i>Electrochimica Acta</i> , 2016, 213, 540-546.	5.2	13
16	Coupled Thermodynamic and Kinetic Changes in the Electrochemistry of Ferrocenyl Monolayers Induced by Light. <i>Langmuir</i> , 2017, 33, 2497-2503.	3.5	13
17	Light-activated electrochemistry without surface-bound redox species. <i>Electrochimica Acta</i> , 2017, 251, 250-255.	5.2	13
18	Observing the Reversible Single Molecule Electrochemistry of Alexa Fluor 647 Dyes by Total Internal Reflection Fluorescence Microscopy. <i>Angewandte Chemie</i> , 2019, 131, 14637-14640.	2.0	5

#	ARTICLE	IF	CITATIONS
19	A Transparent Semiconducting Surface for Capturing and Releasing Single Cells from a Complex Cell Mixture. ACS Applied Materials & Interfaces, 2022, 14, 18079-18086.	8.0	4
20	Light-Addressable Ion Sensing for Real-Time Monitoring of Extracellular Potassium. Angewandte Chemie, 2018, 130, 17043-17047.	2.0	3
21	Monitoring the heterogeneity in single cell responses to drugs using electrochemical impedance and electrochemical noise. Chemical Science, 2021, 12, 2558-2566.	7.4	3
22	Lifetime based axial contrast enable simple 3D-STED imaging. Methods and Applications in Fluorescence, 2022, 10, 035001.	2.3	2