

Weiliang Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4529584/publications.pdf>

Version: 2024-02-01

24
papers

1,145
citations

471061

17
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential-Resolved Multicolor Electrochemiluminescence for Multiplex Immunoassay in a Single Sample. <i>Journal of the American Chemical Society</i> , 2018, 140, 15904-15915.	6.6	251
2	Imaging Cell Matrix Adhesions and Collective Migration of Living Cells by Electrochemiluminescence Microscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 449-456.	7.2	142
3	Spatially Selective Imaging of Cell Matrix and Cell Cell Junctions by Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11769-11773.	7.2	97
4	Microtube Electrodes for Imaging the Electrochemiluminescence Layer and Deciphering the Reaction Mechanism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2089-2093.	7.2	69
5	Electrochemiluminescence Self-Interference Spectroscopy with Vertical Nanoscale Resolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 1222-1226.	6.6	63
6	Two orders-of-magnitude enhancement in the electrochemiluminescence of $\text{Ru}(\text{bpy})_3^{2+}$ by vertically ordered silica. <i>Analytica Chimica Acta</i> , 2015, 886, 48-55.	2.6	54
7	Electrochemiluminescence Waveguide in Single Crystalline Molecular Wires. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6745-6749.	7.2	54
8	Imaging Cell Matrix Adhesions and Collective Migration of Living Cells by Electrochemiluminescence Microscopy. <i>Angewandte Chemie</i> , 2020, 132, 457-464.	1.6	45
9	Electrochemiluminescence Waveguide in Single Crystalline Molecular Wires. <i>Angewandte Chemie</i> , 2020, 132, 6811-6815.	1.6	42
10	Imaging Analysis Based on Electrogenerated Chemiluminescence. <i>Journal of Analysis and Testing</i> , 2017, 1, 1.	2.5	41
11	Electrochemical detection of Alzheimer's disease related substances in biofluids by silica nanochannel membrane modified glassy carbon electrodes. <i>Analyst</i> , 2018, 143, 4756-4763.	1.7	40
12	Vertically Ordered Silica Mesochannel Modified Bipolar Electrode for Electrochemiluminescence Imaging Analysis. <i>ChemElectroChem</i> , 2016, 3, 480-486.	1.7	36
13	Recent advances in electrochemiluminescence imaging analysis based on nanomaterials and micro-/nanostructures. <i>Chinese Chemical Letters</i> , 2019, 30, 1593-1599.	4.8	36
14	Nanocage-confined electrochemiluminescence for the detection of dopamine released from living cells. <i>Chemical Communications</i> , 2020, 56, 8249-8252.	2.2	34
15	Electrochemiluminescence Single-Cell Analysis: Intensity- and Imaging-Based Methods. <i>ChemPlusChem</i> , 2020, 85, 725-733.	1.3	32
16	Optical methods for studying local electrochemical reactions with spatial resolution: A critical review. <i>Analytica Chimica Acta</i> , 2019, 1074, 1-15.	2.6	24
17	Microtube Electrodes for Imaging the Electrochemiluminescence Layer and Deciphering the Reaction Mechanism. <i>Angewandte Chemie</i> , 2021, 133, 2117-2121.	1.6	19
18	Deciphering electrochemiluminescence generation from luminol and hydrogen peroxide by imaging light emitting layer. <i>Fundamental Research</i> , 2022, 2, 682-687.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Spatially Selective Imaging of Cellâ€™Matrix and Cellâ€™Cell Junctions by Electrochemiluminescence. <i>Angewandte Chemie</i> , 2021, 133, 11875-11879.	1.6	12
20	Confined Electrochemiluminescence at Microtube Electrode Ensembles for Local Sensing of Single Cells^{â€™}. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2911-2916.	2.6	11
21	Confined Electrochemiluminescence Generation at Ultra-High-Density Gold Microwell Electrodes. <i>Frontiers in Chemistry</i> , 2020, 8, 630246.	1.8	10
22	Electrochemiluminescence of metallated porous organic polymers. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 176-180.	1.9	9
23	Imaging electrochemiluminescence layer to dissect concentration-dependent light intensity for accurate quantitative analysis. , 2022, 1, 100028.		6
24	Electrochemiluminescence of a Vinylâ€™Functionalized Ruthenium Complex and Its Monolayer Formed through the Photoinduced Thiolâ€™ene Click Reaction. <i>ChemElectroChem</i> , 2017, 4, 1763-1767.	1.7	5