

Bin Su

List of Publications by Year in descending order

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162
papers

6,304
citations

53794

45
h-index

95266

68
g-index

169
all docs

169
docs citations

169
times ranked

4235
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.	13.7	251
2	Imaging Latent Fingerprints by Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8068-8072.	13.8	190
3	Aggregation induced emission for the recognition of latent fingerprints. <i>Chemical Communications</i> , 2012, 48, 4109.	4.1	146
4	Imaging Cell Matrix Adhesions and Collective Migration of Living Cells by Electrochemiluminescence Microscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 449-456.	13.8	142
5	Molecular Electrocatalysis for Oxygen Reduction by Cobalt Porphyrins Adsorbed at Liquid/Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2010, 132, 2655-2662.	13.7	141
6	Ultrathin Silica Membranes with Highly Ordered and Perpendicular Nanochannels for Precise and Fast Molecular Separation. <i>ACS Nano</i> , 2015, 9, 11266-11277.	14.6	133
7	Reversible Voltage-Induced Assembly of Au Nanoparticles at Liquid Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2004, 126, 915-919.	13.7	127
8	Ratiometric Fluorescent Lateral Flow Immunoassay for Point-of-Care Testing of Acute Myocardial Infarction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13042-13049.	13.8	123
9	Proton-Coupled Oxygen Reduction at Liquid~Liquid Interfaces Catalyzed by Cobalt Porphine. <i>Journal of the American Chemical Society</i> , 2009, 131, 13453-13459.	13.7	109
10	Quantum Dots with Highly Efficient, Stable, and Multicolor Electrochemiluminescence. <i>ACS Central Science</i> , 2020, 6, 1129-1137.	11.3	107
11	Highly Ordered Binary Assembly of Silica Mesochannels and Surfactant Micelles for Extraction and Electrochemical Analysis of Trace Nitroaromatic Explosives and Pesticides. <i>Analytical Chemistry</i> , 2015, 87, 4436-4441.	6.5	100
12	In Vivo Monitoring of Oxygen in Rat Brain by Carbon Fiber Microelectrode Modified with Antifouling Nanoporous Membrane. <i>Analytical Chemistry</i> , 2019, 91, 3645-3651.	6.5	97
13	Spatially Selective Imaging of Cell Matrix and Cell Cell Junctions by Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11769-11773.	13.8	97
14	Ratiometric Fluorescent Lateral Flow Immunoassay for Point-of-Care Testing of Acute Myocardial Infarction. <i>Angewandte Chemie</i> , 2021, 133, 13152-13159.	2.0	88
15	Bionic Thermoelectric Response with Nanochannels. <i>Journal of the American Chemical Society</i> , 2019, 141, 8608-8615.	13.7	86
16	H ₂ O ₂ Generation by Decamethylferrocene at a Liquid Liquid Interface. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4675-4678.	13.8	84
17	Molecular electrocatalysis at soft interfaces. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15163.	2.8	82
18	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2010, 132, 13733-13741.	13.7	80

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19	Hydrogen Evolution at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5139-5142.	13.8	77
20	Image-Contrast Technology Based on the Electrochemiluminescence of Porous Silicon and Its Application in Fingerprint Visualization. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9822-9826.	13.8	77
21	Vertically ordered silica mesochannel films: electrochemistry and analytical applications. <i>Analyst, The</i> , 2016, 141, 3482-3495.	3.5	76
22	Integrating bipolar electrochemistry and electrochemiluminescence imaging with microdroplets for chemical analysis. <i>Biosensors and Bioelectronics</i> , 2014, 53, 148-153.	10.1	75
23	Anti-Biofouling Isoporous Silica-Micelle Membrane Enabling Drug Detection in Human Whole Blood. <i>Analytical Chemistry</i> , 2016, 88, 8364-8368.	6.5	74
24	Differential pulse voltammetry detection of dopamine and ascorbic acid by permselective silica mesochannels vertically attached to the electrode surface. <i>Analyst, The</i> , 2014, 139, 3926-3931.	3.5	72
25	Microtube Electrodes for Imaging the Electrochemiluminescence Layer and Deciphering the Reaction Mechanism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2089-2093.	13.8	69
26	An ultrathin and highly porous silica nanochannel membrane: toward highly efficient salinity energy conversion. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2385-2391.	10.3	68
27	Electrochemiluminescence imaging of latent fingerprints through the immunodetection of secretions in human perspiration. <i>Chemical Communications</i> , 2014, 50, 9097-9100.	4.1	66
28	Enhancing the visualization of latent fingerprints by aggregation induced emission of siloles. <i>Analyst, The</i> , 2014, 139, 2332-2335.	3.5	64
29	Electrochemiluminescence Self-Interference Spectroscopy with Vertical Nanoscale Resolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 1222-1226.	13.7	63
30	Electrogenerated chemiluminescence on smartphone with graphene quantum dots nanocomposites for Escherichia Coli detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126811.	7.8	62
31	Proton Pump for O ₂ Reduction Catalyzed by 5,10,15,20-Tetraphenylporphyrinatocobalt(II). <i>Chemistry - A European Journal</i> , 2009, 15, 2335-2340.	3.3	61
32	Silica Nanochannel Membranes for Electrochemical Analysis and Molecular Sieving: A Comprehensive Review. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 424-444.	3.5	61
33	Electrochemiluminescence on smartphone with silica nanopores membrane modified electrodes for nitroaromatic explosives detection. <i>Biosensors and Bioelectronics</i> , 2019, 129, 284-291.	10.1	60
34	Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. <i>Chemical Communications</i> , 2010, 46, 2918.	4.1	59
35	A novel biosensor array with a wheel-like pattern for glucose, lactate and choline based on electrochemiluminescence imaging. <i>Analyst, The</i> , 2014, 139, 4934-4939.	3.5	59
36	Immunological Multimetal Deposition for Rapid Visualization of Sweat Fingerprints. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12609-12612.	13.8	57

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37	Fabrication and Use of Nanopipettes in Chemical Analysis. <i>Annual Review of Analytical Chemistry</i> , 2018, 11, 265-286.	5.4	57
38	Two orders-of-magnitude enhancement in the electrochemiluminescence of $\text{Ru}(\text{bpy})_3^{3+}$ by vertically ordered silica. <i>Analytica Chimica Acta</i> , 2015, 886, 48-55.	5.4	54
39	Electrochemiluminescence Waveguide in Single Crystalline Molecular Wires. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6745-6749.	13.8	54
40	Highly efficient exosome purification from human plasma by tangential flow filtration based microfluidic chip. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129563.	7.8	51
41	Antioxidant Redox Sensors Based on DNA Modified Carbon Screen-Printed Electrodes. <i>Analytical Chemistry</i> , 2006, 78, 6879-6884.	6.5	50
42	Advances in the development and component recognition of latent fingerprints. <i>Science China Chemistry</i> , 2015, 58, 1090-1096.	8.2	50
43	Direct electrochemical analysis in complex samples using ITO electrodes modified with permselective membranes consisting of vertically ordered silica mesochannels and micelles. <i>Chemical Communications</i> , 2015, 51, 17736-17739.	4.1	50
44	Molecular Filtration by Ultrathin and Highly Porous Silica Nanochannel Membranes: Permeability and Selectivity. <i>Analytical Chemistry</i> , 2016, 88, 10252-10258.	6.5	49
45	Study of Electron-Transfer Reactions across an Externally Polarized Water/1,2-Dichloroethane Interface by Scanning Electrochemical Microscopy. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6713-6717.	2.6	48
46	A non-enzymatic hydrogen peroxide sensor based on platinum nanoparticle-polyaniline nanocomposites hosted in mesoporous silica film. <i>Journal of Electroanalytical Chemistry</i> , 2015, 736, 83-87.	3.8	48
47	Thermo-osmotic energy conversion and storage by nanochannels. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25258-25261.	10.3	47
48	Vertical silica nanochannels supported by nanocarbon composite for simultaneous detection of serotonin and melatonin in biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131101.	7.8	47
49	Tailoring Molecular Permeability of Nanochannel-Micelle Membranes for Electrochemical Analysis of Antioxidants in Fruit Juices without Sample Treatment. <i>Analytical Chemistry</i> , 2016, 88, 11001-11006.	6.5	45
50	Imaging Cell-Matrix Adhesions and Collective Migration of Living Cells by Electrochemiluminescence Microscopy. <i>Angewandte Chemie</i> , 2020, 132, 457-464.	2.0	45
51	Electrochemical evidence of catalysis of oxygen reduction at the polarized liquid-liquid interface by tetraphenylporphyrin monoacid and diacid. <i>Electrochemistry Communications</i> , 2009, 11, 1940-1943.	4.7	43
52	Adsorption and photoreactivity of CdSe nanoparticles at liquid-liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2005, 583, 241-247.	3.8	42
53	Electrochemiluminescence Waveguide in Single Crystalline Molecular Wires. <i>Angewandte Chemie</i> , 2020, 132, 6811-6815.	2.0	42
54	Absolute Standard Redox Potential of Monolayer-Protected Gold Nanoclusters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11427-11431.	2.6	41

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55	Recent progress on fingerprint visualization and analysis by imaging ridge residue components. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2781-2791.	3.7	41
56	Imaging Analysis Based on Electrogenerated Chemiluminescence. <i>Journal of Analysis and Testing</i> , 2017, 1, 1.	5.1	41
57	pH-Controlled Drug Release by Diffusion through Silica Nanochannel Membranes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33986-33992.	8.0	41
58	Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 102-108.	3.8	40
59	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.	3.5	40
60	Detection of hydrogen peroxide produced at a liquid/liquid interface using scanning electrochemical microscopy. <i>Electrochemistry Communications</i> , 2009, 11, 473-476.	4.7	39
61	Evidence of tetraphenylporphyrin monoacids by ion-transfer voltammetry at polarized liquid liquid interfaces. <i>Chemical Communications</i> , 2008, , 5037.	4.1	38
62	An Overview of Wearable and Implantable Electrochemical Glucose Sensors. <i>Electroanalysis</i> , 2022, 34, 237-245.	2.9	37
63	Vertically Ordered Silica Mesochannel Modified Bipolar Electrode for Electrochemiluminescence Imaging Analysis. <i>ChemElectroChem</i> , 2016, 3, 480-486.	3.4	36
64	Recent advances in electrochemiluminescence imaging analysis based on nanomaterials and micro-/nanostructures. <i>Chinese Chemical Letters</i> , 2019, 30, 1593-1599.	9.0	36
65	Gold Nanoparticles Confined in Vertically Aligned Silica Nanochannels and Their Electrocatalytic Activity Toward Ascorbic Acid. <i>Chemistry - A European Journal</i> , 2014, 20, 12777-12780.	3.3	35
66	Vertically Oriented Silica Mesochannels as the Template for Electrodeposition of Polyaniline Nanostructures and Their Electrocatalytic and Electroanalytical Applications. <i>Chemistry - A European Journal</i> , 2014, 20, 1829-1833.	3.3	35
67	Polydimethylsiloxane Modified Silica Nanochannel Membrane for Hydrophobicity-Based Molecular Filtration and Detection. <i>Analytical Chemistry</i> , 2016, 88, 7821-7827.	6.5	35
68	Nanoporous Photocathode and Photoanode Made by Multilayer Assembly of Quantum Dots. <i>ACS Nano</i> , 2008, 2, 984-992.	14.6	34
69	Fingerprints mapping and biochemical sensing on smartphone by electrochemiluminescence. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 34-41.	7.8	34
70	Nanocage-confined electrochemiluminescence for the detection of dopamine released from living cells. <i>Chemical Communications</i> , 2020, 56, 8249-8252.	4.1	34
71	A label-free optical sensor based on nanoporous gold arrays for the detection of oligodeoxynucleotides. <i>Biosensors and Bioelectronics</i> , 2011, 30, 21-27.	10.1	33
72	Ion Transfer Voltammetry by a Simple Two Polarized Interfaces Setup. <i>Analytical Chemistry</i> , 2010, 82, 7857-7860.	6.5	32

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73	Electrochemiluminescence Single-Cell Analysis: Intensity- and Imaging-Based Methods. <i>ChemPlusChem</i> , 2020, 85, 725-733.	2.8	32
74	Peptide-Phospholipid Complex Formation at Liquid-Liquid Interfaces. <i>Analytical Chemistry</i> , 2008, 80, 9499-9507.	6.5	31
75	Proton-Coupled O ₂ Reduction Reaction Catalysed by Cobalt Phthalocyanine at Liquid/Liquid Interfaces. <i>Chemistry - A European Journal</i> , 2012, 18, 7372-7376.	3.3	31
76	Gated Molecular Transport in Highly Ordered Heterogeneous Nanochannel Array Electrode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33343-33349.	8.0	30
77	Solvent Effect on Redox Properties of Hexanethiolate Monolayer-Protected Gold Nanoclusters. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21460-21466.	2.6	29
78	Metal-Free Porphyrin-Catalyzed Oxygen Reduction at Liquid-Liquid Interfaces. <i>Chemistry - A European Journal</i> , 2012, 18, 3169-3173.	3.3	29
79	Non-destructive enhancement of latent fingerprints on stainless steel surfaces by electrochemiluminescence. <i>Analyst</i> , 2013, 138, 2357.	3.5	28
80	Permselective Ion Transport Across the Nanoscopic Liquid/Liquid Interface Array. <i>Analytical Chemistry</i> , 2016, 88, 6563-6569.	6.5	28
81	Ionic Current Rectification by Laminated Bipolar Silica Isoporous Membrane. <i>Analytical Chemistry</i> , 2019, 91, 1227-1231.	6.5	28
82	Simulations of the adsorption of ionic species at polarisable liquid-liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2005, 577, 187-196.	3.8	26
83	Redox Properties of Self-Assembled Gold Nanoclusters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23925-23929.	2.6	25
84	Portable Sensor for the Detection of Choline and Its Derivatives Based on Silica Isoporous Membrane and Gellified Nanointerfaces. <i>ACS Sensors</i> , 2017, 2, 803-809.	7.8	25
85	Detection of Metoprolol in Human Biofluids and Pharmaceuticals via Ion-Transfer Voltammetry at the Nanoscopic Liquid/Liquid Interface Array. <i>Analytical Chemistry</i> , 2017, 89, 945-951.	6.5	25
86	Application of Nanomaterials in Isothermal Nucleic Acid Amplification. <i>Small</i> , 2022, 18, e2102711.	10.0	25
87	Highly hydrophobic solid contact based on graphene-hybrid nanocomposites for all solid state potentiometric sensors with well-formulated phase boundary potentials. <i>Journal of Electroanalytical Chemistry</i> , 2015, 740, 21-27.	3.8	24
88	Optical methods for studying local electrochemical reactions with spatial resolution: A critical review. <i>Analytica Chimica Acta</i> , 2019, 1074, 1-15.	5.4	24
89	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid Liquid Interfaces. <i>ChemPhysChem</i> , 2010, 11, 2979-2984.	2.1	23
90	Electrodeposition of nickel nanostructures using silica nanochannels as confinement for low-fouling enzyme-free glucose detection. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3616-3622.	5.8	23

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91	An Overview of Antifouling Strategies for Electrochemical Analysis. <i>Electroanalysis</i> , 2022, 34, 966-975.	2.9	23
92	Visualization of Latent Fingermarks by Enhanced Chemiluminescence Immunoassay and Pattern Recognition. <i>Analytical Chemistry</i> , 2019, 91, 12859-12865.	6.5	22
93	Platinized Silica Nanoporous Membrane Electrodes for Low-Fouling Hydrogen Peroxide Detection. <i>ChemElectroChem</i> , 2020, 7, 2081-2086.	3.4	22
94	Electrochemical determination of chloramphenicol in milk and honey using vertically ordered silica mesochannels and surfactant micelles as the extraction and anti-fouling element. <i>Journal of Electroanalytical Chemistry</i> , 2016, 781, 383-388.	3.8	21
95	Highly Efficient Desalting by Silica Isoporous Membrane-Based Microfluidic Chip for Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 14395-14401.	6.5	21
96	Enhancing the visualization of latent fingerprints by electrochemiluminescence of rubrene. <i>Electrochemistry Communications</i> , 2013, 33, 92-95.	4.7	20
97	Silica-Nanochannel-Based Interferometric Sensor for Selective Detection of Polar and Aromatic Volatile Organic Compounds. <i>Analytical Chemistry</i> , 2018, 90, 10780-10785.	6.5	20
98	Investigation of Ion Transfer Across the Micro-Water/Nitrobenzene Interface Facilitated by a Fullerene Derivative. <i>Analytical Chemistry</i> , 2002, 74, 373-378.	6.5	19
99	Oxygen reduction with tetrathiafulvalene at liquid/liquid interfaces catalyzed by 5,10,15,20-tetraphenylporphyrin. <i>Journal of Electroanalytical Chemistry</i> , 2013, 709, 26-30.	3.8	19
100	Centimeter-scale continuous silica isoporous membranes for molecular sieving. <i>Journal of Membrane Science</i> , 2018, 558, 86-93.	8.2	19
101	Microtube Electrodes for Imaging the Electrochemiluminescence Layer and Deciphering the Reaction Mechanism. <i>Angewandte Chemie</i> , 2021, 133, 2117-2121.	2.0	19
102	Potential Difference-Modulated Synthesis of Self-Standing Covalent Organic Framework Membranes at Liquid/Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2022, 144, 11778-11787.	13.7	19
103	Nanochannel Templated Iridium Oxide Nanostructures for Wide-Range pH Sensing from Solutions to Human Skin Surface. <i>Analytical Chemistry</i> , 2020, 92, 3844-3851.	6.5	16
104	A fully integrated and handheld electrochemiluminescence device for detection of dopamine in bio-samples. <i>Sensors and Actuators B: Chemical</i> , 2022, 366, 131972.	7.8	16
105	Reactivity of Monolayer-Protected Gold Nanoclusters at Dye-Sensitized Liquid/Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2005, 127, 10760-10766.	13.7	15
106	Highly ordered surfactant micelles function as the extraction matrix for direct electrochemical detection of halonitrobenzenes at the ppb level. <i>Analyst</i> , 2016, 141, 2303-2307.	3.5	15
107	Nanochannels as molecular check valves. <i>Nanoscale</i> , 2017, 9, 18523-18528.	5.6	15
108	Label-free electrochemical biosensors based on 3,3',5,5'-tetramethylbenzidine responsive isoporous silica-micelle membrane. <i>Biosensors and Bioelectronics</i> , 2018, 105, 129-136.	10.1	15

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109	Quantitative Assessment of Molecular Transport through Sub-3 nm Silica Nanochannels by Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2019, 91, 1548-1556.	6.5	15
110	Voltammetry for surface-active ions at polarisable liquid liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2009, 634, 82-89.	3.8	14
111	Biomimetic Oxygen Reduction Reaction Catalyzed by Microperoxidase-11 at Liquid/Liquid Interfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11685-11693.	3.1	14
112	Vertically ordered silica mesochannels as preconcentration materials for the electrochemical detection of methylene blue. <i>Science China Chemistry</i> , 2015, 58, 1593-1599.	8.2	14
113	Nanoscope liquid/liquid interface arrays supported by silica isoporous membranes: Trans-membrane resistance and ion transfer reactions. <i>Journal of Electroanalytical Chemistry</i> , 2017, 784, 62-68.	3.8	14
114	A wireless, ingestible pH sensing capsule system based on iridium oxide for monitoring gastrointestinal health. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130781.	7.8	14
115	Interference-free Detection of Caffeine in Complex Matrices Using a Nanochannel Electrode Modified with Binary Hydrophilic/Hydrophobic PDMS. <i>ACS Sensors</i> , 2021, 6, 1604-1612.	7.8	13
116	Implantable platinum nanotree microelectrode with a battery-free electrochemical patch for peritoneal carcinomatosis monitoring. <i>Biosensors and Bioelectronics</i> , 2021, 185, 113265.	10.1	13
117	Electrochemiluminescence imaging of latent fingerprints by electropolymerized luminol. <i>Journal of Electroanalytical Chemistry</i> , 2020, 870, 114238.	3.8	13
118	Deciphering electrochemiluminescence generation from luminol and hydrogen peroxide by imaging light emitting layer. <i>Fundamental Research</i> , 2022, 2, 682-687.	3.3	13
119	Spatially Selective Imaging of Cell Matrix and Cell Junctions by Electrochemiluminescence. <i>Angewandte Chemie</i> , 2021, 133, 11875-11879.	2.0	12
120	Adsorption of Microperoxidase-11 in Vertical Silica Mesochannels and Electrochemical Investigation of Its Electron Transfer Properties. <i>Electrochimica Acta</i> , 2015, 161, 290-296.	5.2	11
121	Molecular electrocatalysis of oxygen reduction by iron(II) phthalocyanine at the liquid/liquid interface. <i>Journal of Electroanalytical Chemistry</i> , 2016, 766, 37-43.	3.8	11
122	Confined Electrochemiluminescence at Microtube Electrode Ensembles for Local Sensing of Single Cells. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2911-2916.	4.9	11
123	An electrochemistry assisted approach for fast, low-cost and gram-scale synthesis of mesoporous silica nanoparticles. <i>RSC Advances</i> , 2015, 5, 65922-65926.	3.6	10
124	Confined Electrochemiluminescence Generation at Ultra-High-Density Gold Microwell Electrodes. <i>Frontiers in Chemistry</i> , 2020, 8, 630246.	3.6	10
125	CdSe Sensitized Thin Aqueous Films: Probing the Potential Distribution Inside Multilayer Assemblies. <i>Langmuir</i> , 2006, 22, 10652-10658.	3.5	9
126	2-Dimensional Porphyrin Self-Assemblies at Molecular Interfaces. <i>Langmuir</i> , 2006, 22, 1112-1120.	3.5	9

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127	Redox Charging of Nanoparticle Thin Films in Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18103-18108.	3.1	9
128	Electrochemiluminescence of metallated porous organic polymers. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 176-180.	3.8	9
129	Deciphering the Mechanisms of Electrochemiluminescence by Spatially Resolved Measurements. <i>Analysis & Sensing</i> , 2021, 1, 148-155.	2.0	9
130	7,7,8,8-Tetracyanoquinodimethane as a redox probe for studying cation transfer across the water/2-nitrophenyl octyl ether interface at three-phase junctions supported by carbon ink screen-printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 237-242.	3.8	8
131	Redox cycling with ITO electrodes separated by an ultrathin silica nanochannel membrane. <i>Electrochemistry Communications</i> , 2016, 72, 1-4.	4.7	8
132	Anomalous Proton Transport across Silica Nanochannel Membranes Investigated by Ion Conductance Measurements. <i>Analytical Chemistry</i> , 2019, 91, 13433-13438.	6.5	8
133	Low-voltage efficient electroosmotic pumps with ultrathin silica nanoporous membrane. <i>Electrophoresis</i> , 2019, 40, 2149-2156.	2.4	8
134	Fabrication, Characterization, and Analytical Application of Silica Nanopore Array-Modified Platinum Electrode. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4143-4149.	8.0	8
135	3D-ITIES supported on porous reticulated vitreous carbon. <i>Journal of Electroanalytical Chemistry</i> , 2007, 604, 65-71.	3.8	7
136	Microfluidic droplet-based liquid/liquid extraction modulated by the interfacial Galvani potential difference. <i>Chemical Communications</i> , 2011, 47, 5723.	4.1	7
137	Ion transfer coupled discrete charging of immobilised gold nanoclusters in polar organic solvents. <i>Electrochemistry Communications</i> , 2011, 13, 875-878.	4.7	7
138	Discrete reductive charging of immobilized gold nanoclusters in aqueous media. <i>Electrochemistry Communications</i> , 2011, 13, 631-633.	4.7	7
139	Ionic partition diagram of tetraphenylporphyrin at the water 1,2-dichloroethane interface. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 147-151.	3.8	7
140	Light enhanced electrochemistry and electrochemiluminescence of luminol at glassy carbon electrodes. <i>Electrochemistry Communications</i> , 2019, 98, 47-52.	4.7	7
141	Quantum Efficiency of Electrochemiluminescence Generation by Tris(2,2'-bipyridine)ruthenium(II) and Tripropylamine Revisited from a Kinetic Reaction Model. <i>ChemElectroChem</i> , 2022, 9, .	3.4	7
142	Protoporphyrin IX sensitized titanium oxide gel electrode. <i>Inorganica Chimica Acta</i> , 2008, 361, 746-760.	2.4	6
143	Dependence of electrochemical charging of gold nanoparticle monolayer films on counterion proximity. <i>Electrochemistry Communications</i> , 2013, 33, 27-30.	4.7	6
144	Imaging electrochemiluminescence layer to dissect concentration-dependent light intensity for accurate quantitative analysis. , 2022, 1, 100028.		6

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145	SECM photography. <i>Electrochemistry Communications</i> , 2008, 10, 714-718.	4.7	5
146	About the Electrospray Ionization Source in Mass Spectrometry: Electrochemistry and On-chip Reactions. <i>Chimia</i> , 2009, 63, 283.	0.6	5
147	Reductive electron transfer dynamics in gold nanocluster films contacted with aqueous electrolytes. <i>Electrochemistry Communications</i> , 2012, 22, 8-11.	4.7	5
148	Electrochemiluminescence of a Vinyl-Functionalized Ruthenium Complex and Its Monolayer Formed through the Photoinduced Thiol-Ene Click Reaction. <i>ChemElectroChem</i> , 2017, 4, 1763-1767.	3.4	5
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