Hubert H Girault

List of Publications by Year
in descending order

563 papers	24,347 citations	8755 75 h-index	20961 115 g-index
581 all docs	581 docs citations	581 times ranked	17924 citing authors

#	Article	IF	Citations
1	A nanoporous molybdenum carbide nanowire as an electrocatalyst for hydrogen evolution reaction. Energy and Environmental Science, 2014, 7, 387-392.	30.8	972
2	MoS₂ Formed on Mesoporous Graphene as a Highly Active Catalyst for Hydrogen Evolution. Advanced Functional Materials, 2013, 23, 5326-5333.	14.9	664
3	UV Laser Machined Polymer Substrates for the Development of Microdiagnostic Systems. Analytical Chemistry, 1997, 69, 2035-2042.	6.5	493
4	Mixing Processes in a Zigzag Microchannel:Â Finite Element Simulations and Optical Study. Analytical Chemistry, 2002, 74, 4279-4286.	6.5	425
5	Electrochemical potential window of battery electrolytes: the HOMOâ€“LUMO misconception. Energy and Environmental Science, 2018, 11, 2306-2309.	30.8	341
6	Electrochemistry at liquid/liquid interfaces: methodology and potential applications. Electrochimica Acta, 2000, 45, 2647-2662.	5.2	273
7	Microfluidic systems in proteomics. Electrophoresis, 2003, 24, 3533-3562.	2.4	250
8	Ion transfer reactions across a liquidâ€"liquid interface supported on a micropipette tip. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1986, 208, 179-183.	0.1	240
9	Charging and discharging at the nanoscale: Fermi level equilibration of metallic nanoparticles. Chemical Science, 2015, 6, 2705-2720.	7.4	173
10	Finite Element Simulation of an Electroosmotic-Driven Flow Division at a T-Junction of Microscale Dimensions. Analytical Chemistry, 2000, 72, 1987-1993.	6.5	169
11	Enzyme linked immunosorbent assay on a microchip with electrochemical detection. Lab on A Chip, 2001, 1, 153.	6.0	160
12	Assisted ion transfer at micro-ITIES supported at the tip of micropipettes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 318, 101-109.	0.1	157
13	Protein fractionation in a multicompartment device using Off-Gelâ„¢ isoelectric focusing. Electrophoresis, 2003, 24, 3-11.	2.4	155
14	The measurement of interfacial tension of pendant drops using a video image profile digitizer. Journal of Colloid and Interface Science, 1984, 101, 257-266.	9.4	144
15	Nanocomposite of MoS2 on ordered mesoporous carbon nanospheres: A highly active catalyst for electrochemical hydrogen evolution. Electrochemistry Communications, 2012, 22, 128-132.	4.7	143
16	Electrochemical Detection in Polymer Microchannels. Analytical Chemistry, 1999, 71, 4294-4299.	6.5	141
17	Molecular Electrocatalysis for Oxygen Reduction by Cobalt Porphyrins Adsorbed at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 2655-2662.	13.7	141
18	Low-cost industrially available molybdenum boride and carbide as â€œplatinum-likeâ€•catalysts for the hydrogen evolution reaction in biphasic liquid systems. Physical Chemistry Chemical Physics, 2013, 15, 2847.	2.8	137

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19	Photoinduced electron transfer at liquid/liquid interfaces Part II. A study of the electron transfer and recombination dynamics by intensity modulated photocurrent spectroscopy (IMPS). Physical Chemistry Chemical Physics, 1999, 1, 1461-1467.	2.8	130
20	Conductive Gold Nanoparticle Mirrors at Liquid/Liquid Interfaces. ACS Nano, 2013, 7, 9241-9248.	14.6	128
21	Reversible Voltage-Induced Assembly of Au Nanoparticles at Liquid|Liquid Interfaces. Journal of the American Chemical Society, 2004, 126, 915-919.	13.7	127
22	Multilayer-Assembled Microchip for Enzyme Immobilization as Reactor Toward Low-Level Protein Identification. Analytical Chemistry, 2006, 78, 801-808.	6.5	126
23	Cyclic voltammetry at a regular microdisc electrode array. Journal of Electroanalytical Chemistry, 2001, 502, 138-145.	3.8	123
24	Protein purification by Off-Gel electrophoresis. Proteomics, 2002, 2, 151-156.	2.2	119
25	Biomimetic Oxygen Reduction by Cofacial Porphyrins at a Liquidâ€“Liquid Interface. Journal of the American Chemical Society, 2012, 134, 5974-5984.	13.7	118
26	Ionic Partition Diagrams:Â A Potentialâ^'pH Representation. Journal of the American Chemical Society, 1996, 118, 11951-11957.	13.7	116
27	Investigation of the kinetics of assisted potassium ion transfer by dibenzo-18-crown-6 at the micro-ITIES by means of steady-state voltammetry. Journal of Electroanalytical Chemistry, 1995, 380, 167-175.	3.8	115
28	Steady state current for ion transfer reactions at a micro liquid/liquid interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 266, 465-469.	0.1	113
29	Determination of the half-wave potential of the species limiting the potential window. Measurement of gibbs transfer energies at the water/1,2-dichloroethane interface. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2593.	1.7	113
30	Ionic partition diagrams of ionisable drugs: pH-lipophilicity profiles, transfer mechanisms and charge effects on solvation. Journal of Electroanalytical Chemistry, 1999, 462, 235-250.	3.8	113
31	Hydrogen evolution across nano-Schottky junctions at carbon supported MoS2 catalysts in biphasic liquid systems. Chemical Communications, 2012, 48, 6484.	4.1	113
32	Microchannel networks for electrophoretic separations. Electrophoresis, 1999, 20, 727-731.	2.4	111
33	Proton-Coupled Oxygen Reduction at Liquidâ^'Liquid Interfaces Catalyzed by Cobalt Porphine. Journal of the American Chemical Society, 2009, 131, 13453-13459.	13.7	109
34	Facilitated ion transfer reactions across oil|water interfaces. Journal of Electroanalytical Chemistry, 1998, 451, 59-76.	3.8	108
35	Micro-hole interface for the amperometric determination of ionic species in aqueous solutions. Journal of Electroanalytical Chemistry, 1994, 364, 155-161.	3.8	107
36	Why the move to microfluidics for protein analysis?. Current Opinion in Biotechnology, 2004, 15, 31-37.	6.6	107

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37	Antioxidant Sensors Based on DNA-Modified Electrodes. Analytical Chemistry, 2005, 77, 7687-7694.	6.5	106
38	Voltammetric determination of extreme standard Gibbs ion transfer energy. Journal of Electroanalytical Chemistry, 2010, 644, 60-66.	3.8	106
39	Renewable hydrogen generation from a dual-circuit redox flow battery. Energy and Environmental Science, 2014, 7, 2350-2358.	30.8	102
40	Micropatterning of Biomolecules on Polymer Substrates. Langmuir, 1998, 14, 5526-5531.	3.5	100
41	Phosphorylation of Î±-Synuclein at Y125 and S129 Alters Its Metal Binding Properties: Implications for Understanding the Role of Î±-Synuclein in the Pathogenesis of Parkinsonâ€™s Disease and Related Disorders. ACS Chemical Neuroscience, 2011, 2, 667-675.	3.5	97
42	Ion amperometry at the interface between two immiscible electrolyte solutions in view of realizing the amperometric ion-selective electrode. Talanta, 2004, 63, 21-32.	5.5	96
43	Polymer microchips bonded by O2-plasma activation. Electrophoresis, 2002, 23, 782-790.	2.4	95
44	Microfabricated polymer injector for direct mass spectrometry coupling. Proteomics, 2002, 2, 405.	2.2	92
45	Drop image processing for surface and interfacial tension measurements. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1982, 137, 207-217.	0.1	91
46	Structure-Lipophilicity Relationships of Neutral and ProtonatedÎ²-Blockers, Part I, Intra- and Intermolecular Effects in Isotropic Solvent Systems. Helvetica Chimica Acta, 1999, 82, 1211-1222.	1.6	91
47	Fast Ionâ€Transfer Processes at Nanoscopic Liquid/Liquid Interfaces. Angewandte Chemie - International Edition, 2009, 48, 8010-8013.	13.8	91
48	Electrophoresis with electrochemical detection in a polymer microdevice. Journal of Electroanalytical Chemistry, 2000, 492, 15-22.	3.8	89
49	On-chip protein sample desalting and preparation for direct coupling with electrospray ionization mass spectrometry. Journal of Chromatography A, 2003, 1003, 11-19.	3.7	89
50	Polymer Microspray with an Integrated Thick-Film Microelectrode. Analytical Chemistry, 2001, 73, 5353-5357.	6.5	88
51	Specific On-Plate Enrichment of Phosphorylated Peptides for Direct MALDI-TOF MS Analysis. Journal of Proteome Research, 2007, 6, 4763-4769.	3.7	88
52	Lipophilicity and Solvation of Anionic Drugs. Chemistry - A European Journal, 2002, 8, 3478.	3.3	87
53	Self-Assembled Molecular Rafts at Liquid|Liquid Interfaces for Four-Electron Oxygen Reduction. Journal of the American Chemical Society, 2012, 134, 498-506.	13.7	87
54	Non-Precious Electrodes for Practical Alkaline Water Electrolysis. Materials, 2019, 12, 1336.	2.9	87

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55	SECM for imaging and detection of latent fingerprints. Analyst, The, 2009, 134, 25-30.	3.5	86
56	Standard partition coefficients of anionic drugs in the n-octanol/water system determined by voltammetry at three-phase electrodes. Physical Chemistry Chemical Physics, 2003, 5, 3748-3751.	2.8	85
57	Aqueous organic and redox-mediated redox flow batteries: a review. Current Opinion in Electrochemistry, 2020, 21, 7-13.	4.8	85
58	Kinetics of the transfer of acetylcholine across the water + sucrose/ 1,2-dichloroethane interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 282, 59-72.	0.1	84
59	Investigation of the kinetics of ion and assisted ion transfer by the technique of ac impedance of the micro-ities. Electrochimica Acta, 1995, 40, 2961-2969.	5.2	84
60	H₂O₂ Generation by Decamethylferrocene at a Liquid|Liquid Interface. Angewandte Chemie - International Edition, 2008, 47, 4675-4678.	13.8	84
61	Hydrogen evolution catalyzed by electrodeposited nanoparticles at the liquid/liquid interface. Chemical Communications, 2011, 47, 5548-5550.	4.1	84
62	Theory of the kinetics of ion transfer across liquid/liquid interfaces. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 195, 213-227.	0.1	82
63	Facilitated ion transfer reactions across oil|water interfaces. Part I. Algebraic development and calculation of cyclic voltammetry experiments for successive complex formation. Journal of Electroanalytical Chemistry, 1998, 449, 49-65.	3.8	82
64	Amperometric Ion Detector for Ion Chromatography. Analytical Chemistry, 1998, 70, 4280-4285.	6.5	82
65	Molecular electrocatalysis at soft interfaces. Physical Chemistry Chemical Physics, 2010, 12, 15163.	2.8	82
66	Scan-Rate-Dependent Ion Current Rectification and Rectification Inversion in Charged Conical Nanopores. Journal of the American Chemical Society, 2011, 133, 14496-14499.	13.7	82
67	Photoinduced Electron Transfer at Liquid/Liquid Interfaces. 1. Photocurrent Measurements Associated with Heterogeneous Quenching of Zinc Porphyrins. Journal of Physical Chemistry B, 1998, 102, 10334-10341.	2.6	80
68	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 13733-13741.	13.7	80
69	Charge and Delocalisation Effects on the Lipophilicity of Protonable Drugs. Chemistry - A European Journal, 1999, 5, 39-47.	3.3	78
70	Surface plasmon enhanced non-linear optical response of gold nanoparticles at the air/toluene interface. Chemical Communications, 1997, , 1901.	4.1	77
71	Amperometric ion sensors based on laser-patterned composite polymer membranes. Journal of Electroanalytical Chemistry, 1997, 440, 73-82.	3.8	77
72	Spectroelectrochemical approaches to heterogeneous electron transfer reactions at the polarised water â^£ 1,2-dichloroethane interfaces. Journal of Electroanalytical Chemistry, 1998, 458, 139-148.	3.8	77

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73	Plasma etched polymer microelectrochemical systems. Lab on A Chip, 2002, 2, 145.	6.0	77
74	Electrochemical and theoretical aspects of electrospray ionisation. Physical Chemistry Chemical Physics, 2004, 6, 3056.	2.8	77
75	Hydrogen Evolution at Liquidâ€“Liquid Interfaces. Angewandte Chemie - International Edition, 2009, 48, 5139-5142.	13.8	77
76	Voltammetry at microITIES supported at the tip of a micropipette. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 296, 491-515.	0.1	76
77	Hydrogen evolution at polarised liquid/liquid interfaces catalyzed by molybdenum disulfide. Energy and Environmental Science, 2011, 4, 4246.	30.8	76
78	Voltammetry at a liquidâ€“liquid interface supported on a metallic electrode. Electrochemistry Communications, 2001, 3, 219-223.	4.7	75
79	Photoinduced Electron Transfer at Liquid/Liquid Interfaces. Part VI. On the Thermodynamic Driving Force Dependence of the Phenomenological Electron-Transfer Rate Constant. Journal of Physical Chemistry B, 2002, 106, 3428-3433.	2.6	75
80	Studies of Ionic Current Rectification Using Polyethyleneimines Coated Glass Nanopipettes. Analytical Chemistry, 2012, 84, 5565-5573.	6.5	75
81	Floating conductive catalytic nano-rafts at soft interfaces for hydrogen evolution. Chemical Science, 2013, 4, 3432.	7.4	75
82	Intermolecular forces expressed in 1,2-dichloroethaneâ€“water partition coefficients. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 401-406.	1.7	74
83	Ion current rectification and rectification inversion in conical nanopores: a perm-selective view. Physical Chemistry Chemical Physics, 2011, 13, 5430.	2.8	74
84	In-Spray Supercharging of Peptides and Proteins in Electrospray Ionization Mass Spectrometry. Analytical Chemistry, 2012, 84, 4647-4651.	6.5	74
85	Interfacial Redox Catalysis on Gold Nanofilms at Soft Interfaces. ACS Nano, 2015, 9, 6565-6575.	14.6	74
86	Topography, Crystallinity and Wettability of Photoablated PET Surfaces. Langmuir, 1999, 15, 5173-5178.	3.5	73
87	Adsorption Behavior of Charged Zinc Porphyrins at the Water/1,2-Dichloroethane Interface Studied by Potential Modulated Fluorescence Spectroscopy. Journal of Physical Chemistry B, 2000, 104, 6869-6876.	2.6	73
88	A Comparison of the Solvation Properties of 2-Nitrophenyloctyl Ether, Nitrobenzene, andn-Octanol as Assessed by Ion Transfer Experiments. Journal of Physical Chemistry B, 2004, 108, 4565-4572.	2.6	73
89	Electrochemical imaging of cells and tissues. Chemical Science, 2018, 9, 4546-4554.	7.4	73
90	Thermodynamics of a polarised interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 170, 127-141.	0.1	72

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91	Micropipette as a tool for the determination of the ionic species limiting the potential window at liquid/liquid interfaces. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 305, 135-139.	0.1	72
92	Electrochemical detection of free chlorine at inkjet printed silver electrodes. Journal of Electroanalytical Chemistry, 2015, 756, 171-178.	3.8	72
93	A Phospho-Directed Macroporous Aluminaâ^'Silica Nanoreactor with Multi-Functions. ACS Nano, 2009, 3, 3656-3662.	14.6	70
94	Electrochemical As(III) whole-cell based biochip sensor. Biosensors and Bioelectronics, 2013, 47, 237-242.	10.1	69
95	MicroITIES Detection of Nitrate by Facilitated Ion Transfer. Analytical Chemistry, 2001, 73, 497-503.	6.5	68
96	Ultrafast chemical interface scattering as an additional decay channel for nascent nonthermal electrons in small metal nanoparticles. Journal of Chemical Physics, 2004, 120, 9302-9315.	3.0	68
97	Gold Nanoparticle Assembly Microfluidic Reactor for Efficient On-line Proteolysis. Molecular and Cellular Proteomics, 2007, 6, 1428-1436.	3.8	67
98	Onâ€Chip Spyhole Mass Spectrometry for Dropletâ€Based Microfluidics. Angewandte Chemie - International Edition, 2014, 53, 4408-4412.	13.8	67
99	Inkjetâ€Printed Mesoporous TiO₂ and Perovskite Layers for High Efficiency Perovskite Solar Cells. Energy Technology, 2019, 7, 317-324.	3.8	67
100	Electron transfer reactions at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 244, 15-26.	0.1	66
101	Mechanism of Transfer of a Basic Drug across the Water/1,2-Dichloroethane Interface: The case of quinidine. Helvetica Chimica Acta, 1996, 79, 101-117.	1.6	66
102	Amperometric detection of alkali metal ions on micro-fabricated composite polymer membranes. Journal of Electroanalytical Chemistry, 1998, 453, 211-219.	3.8	66
103	Combined molecular lipophilicity descriptors and their role in understanding intramolecular effects. Pharmaceutical Science & Technology Today, 1999, 2, 327-335.	0.7	65
104	Generalization of Ionic Partition Diagrams to Lipophilic Compounds and to Biphasic Systems with Variable Phase Volume Ratios. Journal of the American Chemical Society, 2001, 123, 10684-10690.	13.7	65
105	On-line electrochemical tagging of cysteines in proteins during nanospray. Electrochemistry Communications, 2002, 4, 695-700.	4.7	65
106	Magnetic forces produced by rectangular permanent magnets in static microsystems. Lab on A Chip, 2009, 9, 2356.	6.0	65
107	Monolithic and Flexible Polyimide Film Microreactors for Organic Microchemical Applications Fabricated by Laser Ablation. Angewandte Chemie - International Edition, 2010, 49, 7063-7067.	13.8	65
108	Electrochemistry at the interface between two immiscible electrolyte solutions. Electrochimica Acta, 1987, 32, 383-385.	5.2	64

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109	Characterization of Protein Adsorption and Immunosorption Kinetics in Photoablated Polymer Microchannels. Langmuir, 2000, 16, 8489-8494.	3.5	64
110	A Kinetic Model for Adsorption and Transfer of Ionic Species at Polarized Liquid|Liquid Interfaces as Studied by Potential Modulated Fluorescence Spectroscopy. Journal of Physical Chemistry B, 2001, 105, 9463-9473.	2.6	64
111	Electrostatic-Spray Ionization Mass Spectrometry. Analytical Chemistry, 2012, 84, 7422-7430.	6.5	64
112	Copper-Catalyzed Tyrosine Nitration. Journal of the American Chemical Society, 2011, 133, 19823-19831.	13.7	63
113	Sensitive and fast identification of bacteria in blood samples by immunoaffinity mass spectrometry for quick BSI diagnosis. Chemical Science, 2016, 7, 2987-2995.	7.4	63
114	Contact Potentials, Fermi Level Equilibration, and Surface Charging. Langmuir, 2016, 32, 5765-5775.	3.5	63
115	Solar photo-Fenton and UV/H 2 O 2 processes against the antidepressant Venlafaxine in urban wastewaters and human urine. Intermediates formation and biodegradability assessment. Chemical Engineering Journal, 2017, 308, 492-504.	12.7	63
116	Microfluidic Pushâ€“Pull Probe for Scanning Electrochemical Microscopy. Analytical Chemistry, 2011, 83, 5275-5282.	6.5	62
117	Photoinduced Electron Transfer at Liquid/Liquid Interfaces. Part III. Photoelectrochemical Responses Involving Porphyrin Ion Pairs. Journal of the American Chemical Society, 1999, 121, 10203-10210.	13.7	61
118	Proton Pump for O₂ Reduction Catalyzed by 5,10,15,20â€Tetraphenylporphyrinatocobalt(II). Chemistry - A European Journal, 2009, 15, 2335-2340.	3.3	61
119	Printed microelectrode array and amperometric sensor for environmental monitoring. Electrochimica Acta, 1994, 39, 2377-2386.	5.2	60
120	Seeing Big with Scanning Electrochemical Microscopy. Analytical Chemistry, 2011, 83, 1493-1499.	6.5	60
121	Redox Solid Energy Boosters for Flow Batteries: Polyaniline as a Case Study. Electrochimica Acta, 2017, 235, 664-671.	5.2	60
122	Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. Chemical Communications, 2010, 46, 2918.	4.1	59
123	Interfacial Photoreduction of Supercritical CO₂ by an Aqueous Catalyst. Angewandte Chemie - International Edition, 2011, 50, 7391-7394.	13.8	59
124	Advances in the Sensing and Treatment of Wound Biofilms. Angewandte Chemie - International Edition, 2022, 61, .	13.8	59
125	Effects of Charge and Intramolecular Structure on the Lipophilicity of Nitrophenols. Journal of the American Chemical Society, 1999, 121, 1743-1747.	13.7	58
126	Thin-Chip Microspray System for High-Performance Fourier-Transform Ion-Cyclotron Resonance Mass Spectrometry of Biopolymers. Angewandte Chemie - International Edition, 2003, 42, 53-58.	13.8	58

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127	Efficiency improvement of an all-vanadium redox flow battery by harvesting low-grade heat. Journal of Power Sources, 2018, 390, 30-37.	7.8	58
128	Selective structure changes of coreâ€“shell goldâ€“silver nanoparticles by laser irradiation: homogeneisation vs. silver removal. Chemical Communications, 2001, , 829-830.	4.1	57
129	Size-selective separation of gold nanoparticles using isoelectric focusing electrophoresis (IEF). Chemical Communications, 2005, , 787.	4.1	57
130	Monitoring Tyrosinase Expression in Nonâ€metastatic and Metastatic Melanoma Tissues by Scanning Electrochemical Microscopy. Angewandte Chemie - International Edition, 2016, 55, 3813-3816.	13.8	57
131	Chip electrospray mass spectrometry for carbohydrate analysis. Electrophoresis, 2005, 26, 3650-3673.	2.4	56
132	Four-Electron Oxygen Reduction by Tetrathiafulvalene. Journal of the American Chemical Society, 2011, 133, 12115-12123.	13.7	56
133	Electrochemical extraction of heavy metal ions assisted by cyclic thioether ligands. Journal of Electroanalytical Chemistry, 1998, 451, 29-37.	3.8	55
134	Simulation of the chronoamperometric response of a regular array of micro-disc electrodes. Journal of Electroanalytical Chemistry, 2000, 486, 56-64.	3.8	55
135	Gold Metal Liquid-Like Droplets. ACS Nano, 2014, 8, 9471-9481.	14.6	55
136	Electroosmotic Flow in Composite Microchannels and Implications in Microcapillary Electrophoresis Systems. Analytical Chemistry, 2001, 73, 829-836.	6.5	54
137	Cyclic voltammetry of highly hydrophilic ions at a supported liquid membrane. Journal of Electroanalytical Chemistry, 2002, 530, 10-15.	3.8	54
138	Adsorption and Aggregation of meso-Tetrakis(4-carboxyphenyl)porphyrinato Zinc(II) at the Polarized Water|1,2-Dichloroethane Interface. Journal of Physical Chemistry B, 2003, 107, 786-790.	2.6	54
139	Proteolysis in microfluidic droplets: an approach to interface protein separation and peptide mass spectrometry. Lab on A Chip, 2012, 12, 2625.	6.0	54
140	Fingerprint imaging by scanning electrochemical microscopy. Electrochemistry Communications, 2007, 9, 1778-1782.	4.7	53
141	Soft Stylus Probes for Scanning Electrochemical Microscopy. Analytical Chemistry, 2009, 81, 6889-6896.	6.5	53
142	Electrochemical characterisation of liquid|liquid microinterface arrays. Journal of Electroanalytical Chemistry, 1997, 436, 53-64.	3.8	52
143	Assembly-Controlled Biocompatible Interface on a Microchip: Strategy to Highly Efficient Proteolysis. Chemistry - A European Journal, 2006, 12, 6585-6591.	3.3	52
144	The role of copper in cysteine oxidation: study of intra- and inter-molecular reactions in mass spectrometry. Metallomics, 2009, 1, 157-165.	2.4	52

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145	Parallel Imaging and Templateâ€Free Patterning of Selfâ€Assembled Monolayers with Soft Linear Microelectrode Arrays. Angewandte Chemie - International Edition, 2012, 51, 10413-10416.	13.8	52
146	Thermally regenerative copper nanoslurry flow batteries for heat-to-power conversion with low-grade thermal energy. Energy and Environmental Science, 2020, 13, 2191-2199.	30.8	51
147	Photonic Flash Synthesis of Mo₂C/Graphene Electrocatalyst for the Hydrogen Evolution Reaction. ACS Catalysis, 2021, 11, 5865-5872.	11.2	51
148	Generation of mass tags by the inherent electrochemistry of electrospray for protein mass spectrometry. Journal of the American Society for Mass Spectrometry, 2004, 15, 1767-1779.	2.8	50
149	Antioxidant Redox Sensors Based on DNA Modified Carbon Screen-Printed Electrodes. Analytical Chemistry, 2006, 78, 6879-6884.	6.5	50
150	SECM imaging of MMD-enhanced latent fingermarks. Chemical Communications, 2007, , 3948.	4.1	50
151	Electrochemical Pushâ€“Pull Scanner with Mass Spectrometry Detection. Analytical Chemistry, 2012, 84, 6630-6637.	6.5	50
152	Organization and Reactivity of Nanoparticles at Molecular Interfaces. Part I. Photoelectrochemical Responses Involving TiO2 Nanoparticles Assembled at Polarizable Water | 1,2-Dichloroethane Junctions. Journal of Physical Chemistry B, 2002, 106, 10908-10914.	2.6	49
153	Surface Second Harmonic Generation of Cationic Water-Soluble Porphyrins at the Polarized Water | 1,2-Dichloroethane Interface. Langmuir, 2002, 18, 6647-6652.	3.5	49
154	Gold Nanofilm Redox Catalysis for Oxygen Reduction at Soft Interfaces. Electrochimica Acta, 2016, 197, 362-373.	5.2	49
155	Finite element simulation of ion transfer reactions at a single micro-liquidâˆ£liquid interface supported on a thin polymer film. Journal of Electroanalytical Chemistry, 1999, 468, 42-52.	3.8	48
156	Study of Electron-Transfer Reactions across an Externally Polarized Water/1,2-Dichloroethane Interface by Scanning Electrochemical Microscopy. Journal of Physical Chemistry B, 2002, 106, 6713-6717.	2.6	48
157	Large scale inkjet-printing of carbon nanotubes electrodes for antioxidant assays in blood bags. Journal of Electroanalytical Chemistry, 2014, 717-718, 61-68.	3.8	48
158	Resonant-surface second-harmonic generation studies of phenol derivatives at air/water and hexane/water interfaces. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 3079-3085.	1.7	47
159	Size dependence of the surface plasmon enhanced second harmonic response of gold colloids: towards a new calibration method. Chemical Communications, 1999, , 581-582.	4.1	47
160	Photoinduced Electron Transfer at Liquid | Liquid Interfaces. Part IV. Orientation and Reactivity of Zinc Tetra(4-carboxyphenyl) Porphyrin Self-Assembled at the Water | 1,2-Dichloroethane Junction. Journal of the American Chemical Society, 2000, 122, 10943-10948.	13.7	47
161	Kinetics of Proteolytic Reactions in Nanoporous Materials. Journal of Proteome Research, 2009, 8, 4685-4692.	3.7	47
162	Interfacial Complexes between a Protein and Lipophilic Ions at an Oilâˆ’Water Interface. Analytical Chemistry, 2010, 82, 7699-7705.	6.5	47

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163	Magnetic Beads Based Immunoaffinity Capillary Electrophoresis of Total Serum IgE with Laser-Induced Fluorescence Detection. Analytical Chemistry, 2008, 80, 9583-9588.	6.5	46
164	TiO₂ Printed Aluminum Foil: Single-Use Film for a Laser Desorption/Ionization Target Plate. Analytical Chemistry, 2009, 81, 1177-1183.	6.5	46
165	Photoreduction of CO₂ Using [Ru(bpy)₂(CO)L]ⁿ⁺ Catalysts in Biphasic Solution/Supercritical CO₂ Systems. Inorganic Chemistry, 2013, 52, 10949-10957.	4.0	46
166	Redox Electrocatalysis of Floating Nanoparticles: Determining Electrocatalytic Properties without the Influence of Solid Supports. Journal of Physical Chemistry Letters, 2017, 8, 3564-3575.	4.6	46
167	Inkjet-Printed Carbon Nanotube Electrodes for Measuring Pyocyanin and Uric Acid in a Wound Fluid Simulant and Culture Media. Analytical Chemistry, 2019, 91, 8835-8844.	6.5	46
168	Digital simulation of charge transfer to an ultramicrodisc interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 293, 19-44.	0.1	45
169	Mechanism and dynamics of methyl and ethyl orange transfer across the water/1,2-dichloroethane interface. Electrochimica Acta, 1998, 44, 3-13.	5.2	45
170	Polycarbonate microchannel network with carpet of Gold NanoWires as SERS-active device. Lab on A Chip, 2009, 9, 1806.	6.0	45
171	Inkjet-printed microtiter plates for portable electrochemical immunoassays. Journal of Electroanalytical Chemistry, 2017, 786, 69-76.	3.8	45
172	Surface second-harmonic generation at air/solvent and solvent/solvent interfaces. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 1763-1768.	1.7	44
173	Fabrication of soft gold microelectrode arrays as probes for scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2012, 666, 52-61.	3.8	44
174	Spectroelectrochemical Studies of Ru(bpy)32+ at the Water/1,2-Dichloroethane Interface. The Journal of Physical Chemistry, 1996, 100, 10658-10663.	2.9	43
175	The apparent lipophilicity of quaternary ammonium ions is influenced by galvani potential difference, not ion-pairing: a cyclic voltammetry study. Pharmaceutical Research, 2001, 18, 702-708.	3.5	43
176	Pressure pinched injection of nanolitre volumes in planar micro-analytical devices. Lab on A Chip, 2002, 2, 45.	6.0	43
177	Integration of a membrane-based desalting step in a microfabricated disposable polymer injector for mass spectrometric protein analysis. Electrophoresis, 2002, 23, 3583-3588.	2.4	43
178	Photoinduced Electron Transfer at Liquid|Liquid Interfaces:â€‰ Dynamics of the Heterogeneous Photoreduction of Quinones by Self-Assembled Porphyrin Ion Pairs. Journal of the American Chemical Society, 2003, 125, 4862-4869.	13.7	43
179	Electrokinetic supercharging for highly efficient peptide preconcentration in capillary zone electrophoresis. Electrophoresis, 2008, 29, 1565-1572.	2.4	43
180	Electrochemical evidence of catalysis of oxygen reduction at the polarized liquidâ€“liquid interface by tetraphenylporphyrin monoacid and diacid. Electrochemistry Communications, 2009, 11, 1940-1943.	4.7	43

#	Article	IF	Citations
181	Soft Microelectrode Linear Array for Scanning Electrochemical Microscopy. Analytical Chemistry, 2010, 82, 10037-10044.	6.5	43
182	Ion transfer across the water|trifluorotoluene interface. Electrochemistry Communications, 2012, 19, 101-104.	4.7	43
183	Nanoporous molybdenum carbide wires as an active electrocatalyst towards the oxygen reduction reaction. Physical Chemistry Chemical Physics, 2014, 16, 10088-10094.	2.8	43
184	Large-scale layer-by-layer inkjet printing of flexible iridium-oxide based pH sensors. Journal of Electroanalytical Chemistry, 2018, 819, 384-390.	3.8	43
185	Catalytic layer-membrane electrode assembly methods for optimum triple phase boundaries and fuel cell performances. Journal of Materials Chemistry A, 2021, 9, 11096-11123.	10.3	43
186	Water-oil partition profiling of ionized drug molecules using cyclic voltammetry and a 96-well microfilter plate system. Pharmaceutical Research, 2003, 20, 1317-1322.	3.5	42
187	Adsorption and photoreactivity of CdSe nanoparticles at liquid|liquid interfaces. Journal of Electroanalytical Chemistry, 2005, 583, 241-247.	3.8	42
188	Copper(i) and copper(ii) binding to Î²-amyloid 16 (AÎ²16) studied by electrospray ionization mass spectrometry. Metallomics, 2010, 2, 474.	2.4	42
189	Iohexol degradation in wastewater and urine by UV-based Advanced Oxidation Processes (AOPs): Process modeling and by-products identification. Journal of Environmental Management, 2017, 195, 174-185.	7.8	42
190	MALDI Detection of Exosomes: A Potential Tool for Cancer Studies. CheM, 2019, 5, 1318-1336.	11.7	42
191	Kinetics of the transfer of acetylcholine across the water/nitrobenzene-tetrachloromethane interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 300, 415-429.	0.1	41
192	Cyclic voltammetry for the transfer of multiple charged ions at large ITIES: general computational methodology and application to simple and facilitated ion transfer reactions. Journal of Electroanalytical Chemistry, 1997, 424, 121-139.	3.8	41
193	Absolute Standard Redox Potential of Monolayer-Protected Gold Nanoclusters. Journal of Physical Chemistry B, 2005, 109, 11427-11431.	2.6	41
194	Biphasic water splitting by osmocene. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11558-11563.	7.1	41
195	Artificial photosynthesis at liquid|liquid interfaces: photoreduction of benzoquinone by water soluble porphyrin species. Journal of Electroanalytical Chemistry, 2000, 483, 81-87.	3.8	40
196	Protein adsorption in static microsystems: effect of the surface to volume ratio. Lab on A Chip, 2005, 5, 254.	6.0	40
197	Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline. Journal of Electroanalytical Chemistry, 2010, 639, 102-108.	3.8	40
198	Electrochemical Aspects of Electrospray and Laser Desorption/Ionization for Mass Spectrometry. Annual Review of Analytical Chemistry, 2010, 3, 231-254.	5.4	40

#	Article	IF	Citations
199	LSPR properties of metal nanoparticles adsorbed at a liquidâ€“liquid interface. Physical Chemistry Chemical Physics, 2013, 15, 5374.	2.8	40
200	All-vanadium dual circuit redox flow battery for renewable hydrogen generation and desulfurisation. Green Chemistry, 2016, 18, 1785-1797.	9.0	40
201	Detection of antimicrobial resistance-associated proteins by titanium dioxide-facilitated intact bacteria mass spectrometry. Chemical Science, 2018, 9, 2212-2221.	7.4	40
202	Coplanar interdigitated band electrodes for electrosynthesis. Journal of Applied Electrochemistry, 1994, 24, 719-724.	2.9	39
203	On-line counting of cysteine residues in peptides during electrospray ionization by electrogenerated tags and their application to protein identification. Electrophoresis, 2005, 26, 238-247.	2.4	39
204	Thin chip microsprayer system coupled to quadrupole time-of-flight mass spectrometer for glycoconjugate analysis. Lab on A Chip, 2005, 5, 298.	6.0	39
205	Probing Cysteine Reactivity in Proteins by Mass Spectrometric EC-Tagging. Journal of Proteome Research, 2006, 5, 793-800.	3.7	39
206	Detection of hydrogen peroxide produced at a liquid/liquid interface using scanning electrochemical microscopy. Electrochemistry Communications, 2009, 11, 473-476.	4.7	39
207	Analysis of major milk whey proteins by immunoaffinity capillary electrophoresis coupled with MALDIâ€MS. Electrophoresis, 2012, 33, 2390-2398.	2.4	39
208	The micro water/1,2-dichloroethane interface as a transducer for creatinine assay. Mikrochimica Acta, 1995, 117, 175-185.	5.0	38
209	Mechanistic Aspects of On-Line Electrochemical Tagging of Free L-Cysteine Residues during Electrospray Ionisation for Mass Spectrometry in Protein Analysis. ChemPhysChem, 2003, 4, 200-206.	2.1	38
210	Evidence of tetraphenylporphyrin monoacids by ion-transfer voltammetry at polarized liquid|liquid interfaces. Chemical Communications, 2008, , 5037.	4.1	38
211	Electrochemical properties of gold nanoparticles assembly at polarised liquid|liquid interfaces. Electrochemistry Communications, 2010, 12, 912-915.	4.7	38
212	The liquid-liquid micro-interface for the amperometric detection of urea. Electroanalysis, 1995, 7, 714-721.	2.9	37
213	A ceramic electrochemical microreactor for the methoxylation of methyl-2-furoate with direct mass spectrometry coupling. Lab on A Chip, 2002, 2, 39.	6.0	37
214	Theoretical and experimental exploration of the lipophilicity of zwitterionic drugs in the 1,2-dichloroethane/water system. Pharmaceutical Research, 2002, 19, 1150-1159.	3.5	37
215	Dynamic protein adsorption in microchannels by â€œstop-flowâ€•and continuous flow. Lab on A Chip, 2005, 5, 1096.	6.0	37
216	Modeling the Isoelectric Focusing of Peptides in an OFFGEL Multicompartment Cell. Journal of Proteome Research, 2007, 6, 1666-1676.	3.7	37

#	Article	IF	Citations
217	MALDI Inâ€Source Photooxidation Reactions for Online Peptide Tagging. Angewandte Chemie - International Edition, 2008, 47, 2646-2648.	13.8	37
218	Microfabricated Dual Sprayer for On-Line Mass Tagging of Phosphopeptides. Analytical Chemistry, 2008, 80, 2531-2538.	6.5	37
219	Functional electrospray emitters. Analyst, The, 2009, 134, 2189.	3.5	37
220	Oxidative Print Light Synthesis Thin Film Deposition of Prussian Blue. ACS Applied Electronic Materials, 2020, 2, 927-935.	4.3	37
221	Facilitated sodium transfer from aqueous electrolytes to resistive media. Journal of Electroanalytical Chemistry, 1992, 334, 203-211.	3.8	36
222	Differential cyclic voltabsorptometry and chronoabsorptometry studies of ion transfer reactions at the water|1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 1997, 420, 35-41.	3.8	36
223	Stripping Voltammetric Determination of Choline Based on Micro-Fabricated Composite Membrane.. Analytical Sciences, 1998, 14, 71-77.	1.6	36
224	Hyper-Rayleigh scattering of gold nanorods and their relationship with linear assemblies of gold nanospheres. Faraday Discussions, 2004, 125, 145.	3.2	36
225	Catalysis of water oxidation in acetonitrile by iridium oxide nanoparticles. Chemical Science, 2015, 6, 1761-1769.	7.4	36
226	Characterisation of a 200 kW/400 kWh Vanadium Redox Flow Battery. Batteries, 2018, 4, 54.	4.5	36
227	Vanadiumâ€“Manganese Redox Flow Battery: Study of Mn^{III} Disproportionation in the Presence of Other Metallic Ions. Chemistry - A European Journal, 2020, 26, 7250-7257.	3.3	36
228	Excimer laser-induced electrochemical activity in carbon ink films. Journal of Electroanalytical Chemistry, 1996, 417, 5-15.	3.8	35
229	Second harmonic generation study of myoglobin and hemoglobin and their protoporphyrin IX chromophore at the water/1,2-dichloroethane interface. Physical Chemistry Chemical Physics, 2002, 4, 4774-4781.	2.8	35
230	Self-healing gold mirrors and filters at liquidâ€“liquid interfaces. Nanoscale, 2016, 8, 7723-7737.	5.6	35
231	Soft Electrochemical Probes for Mapping the Distribution of Biomarkers and Injected Nanomaterials in Animal and Human Tissues. Angewandte Chemie - International Edition, 2017, 56, 16498-16502.	13.8	35
232	Interdigitated microband electrodes: chronoamperometry and steady state currents. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 266, 227-238.	0.1	34
233	Determination of the kinetics of facilitated ion transfer reactions across the micro interface between two immiscible electrolyte solutions. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 843.	1.0	34
234	Amperometric detection of the ammonium ion by facilitated ion transfer across the interface between two immiscible electrolyte solutions. Electroanalysis, 1995, 7, 425-434.	2.9	34

#	Article	IF	Citations
235	Solar energy conversion using dye-sensitised liquid|liquid interfaces. Electrochemistry Communications, 1999, 1, 29-32.	4.7	34
236	Pulse Amperometric Detection of Salt Concentrations by Flow Injection Analysis Using Ionodes. Analytical Chemistry, 2000, 72, 5562-5566.	6.5	34
237	Self-assembled organic monolayers on gold nanoparticles: A study by sum-frequency generation combined with UVâ€“vis spectroscopy. Electrochimica Acta, 2005, 50, 3101-3110.	5.2	34
238	On-line electrogeneration of copper-peptide complexes in microspray mass spectrometry. Journal of the American Society for Mass Spectrometry, 2008, 19, 560-568.	2.8	34
239	Nanoporous Photocathode and Photoanode Made by Multilayer Assembly of Quantum Dots. ACS Nano, 2008, 2, 984-992.	14.6	34
240	Interfacial Complexation Reactions of Sr²⁺ with Octyl(phenyl)â€N,Nâ€diisobutylcarbamoylmethylphosphine Oxide for Understanding Its Extraction in Reprocessing Spent Nuclear Fuels. Chemistry - A European Journal, 2011, 17, 13206-13216.	3.3	34
241	Photoinduced Biphasic Hydrogen Evolution: Decamethylosmocene as a Lightâ€Driven Electron Donor. ChemPhysChem, 2013, 14, 2308-2316.	2.1	34
242	Inkjet Printed Nanohydrogel Coated Carbon Nanotubes Electrodes For Matrix Independent Sensing. Analytical Chemistry, 2015, 87, 1026-1033.	6.5	34
243	Electrochemistry at Liquidâ€šÃ„Ã¬Liquid Interfaces. Electroanalytical Chemistry, A Series of Advances, 2010, , 1-104.	1.7	34
244	Spectroelectrochemical study of the copper(II) transfer assisted by 6,7-dimethyl-2,3-di(2-pyridyl)quinoxaline at the water|1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 1998, 453, 171-177.	3.8	33
245	Capillary electrophoresis immunoassay using magnetic beads. Electrophoresis, 2008, 29, 3414-3421.	2.4	33
246	Amperometric tape ion sensors for cadmium(II) ion analysis. Talanta, 2009, 78, 66-70.	5.5	33
247	Mass Barcode Signal Amplification for Multiplex Allergy Diagnosis by MALDI-MS. Analytical Chemistry, 2016, 88, 6184-6189.	6.5	33
248	Voltammetric characterisation of polyelectrolyte adsorption/transfer at the waterÃ¢ÂˆÂ£1,2-DCE interface. Electrochemistry Communications, 2001, 3, 539-543.	4.7	32
249	Finite element simulation of Off-Gel trade mark buffering. Electrophoresis, 2002, 23, 3253-3261.	2.4	32
250	A thin chip microsprayer system coupled to Fourier transform ion cyclotron resonance mass spectrometry for glycopeptide screening. Rapid Communications in Mass Spectrometry, 2004, 18, 2913-2920.	1.5	32
251	Iontophoretic Fraction Collection for Coupling Capillary Zone Electrophoresis with Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2009, 81, 3867-3872.	6.5	32
252	Orthogonality of Two-Dimensional Separations Based on Conditional Entropy. Analytical Chemistry, 2011, 83, 7676-7681.	6.5	32

#	Article	IF	Citations
253	Photoinitiated electron-transfer reactions across the interface between two immiscible electrolyte solutions. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 207.	1.7	31
254	Coplanar interdigitated band electrodes for synthesis Part I: Ohmic loss evaluation. Journal of Applied Electrochemistry, 1994, 24, 475-480.	2.9	31
255	Photomodification of Polymer Microchannels Induced by Static and Dynamic Excimer Ablation:Â Effect on the Electroosmotic Flow. Analytical Chemistry, 2001, 73, 3845-3853.	6.5	31
256	Ionic Partition Diagram of the Zwitterionic Antihistamine Cetirizine. Helvetica Chimica Acta, 2001, 84, 375-387.	1.6	31
257	Contact Galvani potential differences at liquidâˆ£liquid interfaces. Journal of Electroanalytical Chemistry, 2003, 546, 1-13.	3.8	31
258	Pure surface plasmon resonance enhancement of the first hyperpolarizability of gold coreâ€“silver shell nanoparticles. Journal of Chemical Physics, 2004, 121, 12577.	3.0	31
259	On-line cysteine modification for protein analysis: new probes for electrochemical tagging nanospray mass spectrometry. Journal of Electroanalytical Chemistry, 2004, 570, 187-199.	3.8	31
260	Scanning Electrochemical Microscopy as a Readout Tool for Protein Electrophoresis. Analytical Chemistry, 2007, 79, 4833-4839.	6.5	31
261	Peptideâˆ’Phospholipid Complex Formation at Liquidâˆ’Liquid Interfaces. Analytical Chemistry, 2008, 80, 9499-9507.	6.5	31
262	Fine tuning of the catalytic effect of a metal-free porphyrin on the homogeneous oxygenreduction. Chemical Communications, 2011, 47, 5446-5448.	4.1	31
263	Component-Resolved Diagnostic of Cowâ€™s Milk Allergy by Immunoaffinity Capillary Electrophoresisâ€“Matrix Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2014, 86, 6337-6345.	6.5	31
264	Decamethylruthenocene Hydride and Hydrogen Formation at Liquid|Liquid Interfaces. Journal of Physical Chemistry C, 2015, 119, 25761-25769.	3.1	31
265	Surface second harmonic generation monitoring of the anion methyl orange during ion transfer reactions across a polarised waterâˆ£1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2000, 483, 29-36.	3.8	30
266	Passive Conductivity Detection for Capillary Electrophoresis. Analytical Chemistry, 2004, 76, 3126-3131.	6.5	30
267	Fountain pen for scanning electrochemical microscopy. Analytical Methods, 2010, 2, 817.	2.7	30
268	Improved Conversion Rates in Drug Screening Applications Using Miniaturized Electrochemical Cells with Frit Channels. Analytical Chemistry, 2012, 84, 9176-9183.	6.5	30
269	Oxygen Reduction at Soft Interfaces Catalyzed by Inâ€…Situâ€Generated Reduced Graphene Oxide. ChemElectroChem, 2014, 1, 59-63.	3.4	30
270	Solid electrochemical energy storage for aqueous redox flow batteries: The case of copper hexacyanoferrate. Electrochimica Acta, 2019, 321, 134704.	5.2	30

#	Article	IF	Citations
271	The pH-partition profile of the anti-ischemic drug trimetazidine may explain its reduction of intracellular acidosis. Pharmaceutical Research, 1999, 16, 616-624.	3.5	29
272	Mechanistic aspects associated with the oxidation of l-ascorbic acid at the 1,2-dichloroethaneâˆ£water interface. Journal of Electroanalytical Chemistry, 2001, 510, 43-49.	3.8	29
273	Solvent Effect on Redox Properties of Hexanethiolate Monolayer-Protected Gold Nanoclusters. Journal of Physical Chemistry B, 2006, 110, 21460-21466.	2.6	29
274	Nanowires Network for Biomolecular Detection Using Contactless Impedance Tomoscopy Technique. Analytical Chemistry, 2006, 78, 5289-5295.	6.5	29
275	Photocurrents at polarized liquid|liquid interfaces enhanced by a gold nanoparticle film. Physical Chemistry Chemical Physics, 2011, 13, 17704.	2.8	29
276	Magnetic core shell nanoparticles trapping in a microdevice generating high magnetic gradient. Lab on A Chip, 2011, 11, 833.	6.0	29
277	Polyelectrolyte-modified short microchannel for cation separation. Electrophoresis, 2004, 25, 931-935.	2.4	28
278	Detection of proteins on poly(vinylidene difluoride) membranes by scanning electrochemical microscopy. Electrochemistry Communications, 2004, 6, 1217-1221.	4.7	28
279	A flexible sample introduction method for polymer microfluidic chips using a push/pull pressure pump. Lab on A Chip, 2004, 4, 512.	6.0	28
280	Multitrack electrospray chips. Journal of Mass Spectrometry, 2006, 41, 1484-1490.	1.6	28
281	Generation of OH radicals at palladium oxide nanoparticle modified electrodes, and scavenging by fluorescent probes and antioxidants. Journal of Electroanalytical Chemistry, 2008, 619-620, 131-136.	3.8	28
282	High-throughput scanning electrochemical microscopy brushing of strongly tilted and curved surfaces. Electrochimica Acta, 2013, 110, 30-41.	5.2	28
283	Bacterial Whole Cell Typing by Mass Spectra Pattern Matching with Bootstrapping Assessment. Analytical Chemistry, 2017, 89, 12556-12561.	6.5	28
284	Immunoâ€affinity Amperometric Detection of Bacterial Infections. Angewandte Chemie - International Edition, 2018, 57, 14942-14946.	13.8	28
285	Marangoni flow in micro-channels. Electrochemistry Communications, 1999, 1, 190-193.	4.7	27
286	Two-phase photocatalysis mediated by electrochemically generated Pd nanoparticles. Electrochemistry Communications, 2000, 2, 230-234.	4.7	27
287	Hydro-voltaic cells. Journal of Electroanalytical Chemistry, 2003, 545, 1-6.	3.8	27
288	Hot Adsorbate-Induced Retardation of the Internal Thermalization of Nonequilibrium Electrons in Adsorbate-Covered Metal Nanoparticles. Journal of Physical Chemistry B, 2006, 110, 4519-4523.	2.6	27

#	Article	IF	Citations
289	Controlling the specific enrichment of multi-phosphorylated peptides on oxide materials: aluminium foil as a target plate for laser desorption ionization mass spectrometry. Chemical Science, 2010, 1, 374.	7.4	27
290	Melittin Adsorption and Lipid Monolayer Disruption at Liquidâ€“Liquid Interfaces. Langmuir, 2011, 27, 13918-13924.	3.5	27
291	Total serum IgE quantification by microfluidic ELISA using magnetic beads. Analytical and Bioanalytical Chemistry, 2012, 402, 2645-2653.	3.7	27
292	Electrochemical oxygen reduction at soft interfaces catalyzed by the transfer of hydrated lithium cations. Journal of Electroanalytical Chemistry, 2014, 731, 28-35.	3.8	27
293	How to polarise an interface with ions: the discrete Helmholtz model. Chemical Science, 2020, 11, 10807-10813.	7.4	27
294	Electrochemical Study of Phase-Transfer Catalysis Reactions: TheWilliamson ether synthesis. Helvetica Chimica Acta, 1994, 77, 231-242.	1.6	26
295	Solvatochromic Analysis of Partition Coefficients in theo-Nitrophenyl Octyl Ether (o-NPOE)/Water System. Helvetica Chimica Acta, 2003, 86, 3533-3547.	1.6	26
296	Thermodynamic analysis of the cation binding to a phosphatidylcholine monolayer at a polarised interface between two immiscible electrolyte solutions. Electrochemistry Communications, 2003, 5, 98-103.	4.7	26
297	Ag+ transfer across the water/1,2-dichloroethane interface facilitated by complex formation with tetraphenylborate derivatives. Electrochimica Acta, 2004, 49, 263-270.	5.2	26
298	Simulations of the adsorption of ionic species at polarisable liquidâ£liquid interfaces. Journal of Electroanalytical Chemistry, 2005, 577, 187-196.	3.8	26
299	Surface plasmon resonance of gold nanoparticles assemblies at liquid | liquid interfaces. Nanoscale, 2010, 2, 1665.	5.6	26
300	Hydrogen and Hydrogen Peroxide Formation in Trifluorotolueneâ€“Water Biphasic Systems. Journal of Physical Chemistry C, 2014, 118, 23154-23161.	3.1	26
301	Multiple scanning electrochemical microscopy mapping of tyrosinase in micro-contact printed fruit samples on polyvinylidene fluoride membrane. Electrochimica Acta, 2015, 179, 57-64.	5.2	26
302	High energy density MnO₄^{â^'}/MnO₄^{2â^'} redox couple for alkaline redox flow batteries. Chemical Communications, 2016, 52, 14039-14042.	4.1	26
303	Catalytic Hydrogen Evolution by Molybdenum-Based Ternary Metal Sulfide Nanoparticles. ACS Applied Nano Materials, 2019, 2, 7204-7213.	5.0	26
304	Energy efficient hydrogen drying and purification for fuel cell vehicles. International Journal of Hydrogen Energy, 2020, 45, 10639-10647.	7.1	26
305	A new approach for the definition of galvani potential scales and ionic gibbs energies of transfer across liquid-liquid interfaces. Electrochimica Acta, 1986, 31, 1341-1342.	5.2	25
306	Numerical Investigation of an Electrochemically Induced Tagging in a Nanospray for Protein Analysis. Analytical Chemistry, 2003, 75, 2065-2074.	6.5	25

#	Article	IF	Citations
307	Redox Properties of Self-Assembled Gold Nanoclusters. Journal of Physical Chemistry B, 2005, 109, 23925-23929.	2.6	25
308	Immobilized pH Gradient Gel Cell To Study the pH Dependence of Drug Lipophilicity. Analytical Chemistry, 2006, 78, 1503-1508.	6.5	25
309	Electrochemical generation of Cu(I) complexes in aqueous solutions studied by on-line mass spectrometry. Electrochemistry Communications, 2007, 9, 2067-2074.	4.7	25
310	Electrospray Micromixer Chip for On-Line Derivatization and Kinetic Studies. Analytical Chemistry, 2008, 80, 3372-3378.	6.5	25
311	Hydrogen Peroxide Generation at Liquid|Liquid Interface under Conditions Unfavorable for Proton Transfer from Aqueous to Organic Phase. Journal of Physical Chemistry C, 2013, 117, 20681-20688.	3.1	25
312	Macroscopic indicators of fault diagnosis and ageing in electrochemical double layer capacitors. Journal of Energy Storage, 2015, 2, 8-24.	8.1	25
313	A Review: Electrochemical Biosensors for Oral Cancer. Chemosensors, 2020, 8, 54.	3.6	25
314	The potential dependence of the rate of ion transfer reactions across a liquid/liquid interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 257, 47-55.	0.1	24
315	The measurement of ultralow interfacial tension by video digital techniques. Journal of Colloid and Interface Science, 1990, 136, 574-580.	9.4	24
316	Supercapacitive Admittance Tomoscopy. Journal of the American Chemical Society, 2005, 127, 13300-13304.	13.7	24
317	Shake, rattle and roll. Nature Materials, 2006, 5, 851-852.	27.5	24
318	Capillary Electrophoresis as a Second Dimension to Isoelectric Focusing for Peptide Separation. Analytical Chemistry, 2007, 79, 5949-5955.	6.5	24
319	Oxygen and hydrogen peroxide reduction by 1,2-diferrocenylethane at a liquid/liquid interface. Journal of Electroanalytical Chemistry, 2012, 681, 16-23.	3.8	24
320	Fingerprinting the tertiary structure of electroadsorbed lysozyme at soft interfaces by electrostatic spray ionization mass spectrometry. Chemical Communications, 2014, 50, 11829-11832.	4.1	24
321	Inkjet Printing Meets Electrochemical Energy Conversion. Chimia, 2015, 69, 284.	0.6	24
322	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie - International Edition, 2017, 56, 2324-2327.	13.8	24
323	Variation of the Fermi level and the electrostatic force of a metallic nanoparticle upon colliding with an electrode. Chemical Science, 2017, 8, 4795-4803.	7.4	24
324	Large-scale fabrication of flexible solid-state reference electrodes. Journal of Electroanalytical Chemistry, 2019, 847, 113241.	3.8	24

#	Article	IF	Citations
325	Potassium transfer facilitated by monoaza-18-crown-6 across the waterâ€"1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 1992, 332, 101-112.	3.8	23
326	Time-Resolved Laser-Induced Fluorescence Study of Photoinduced Electron Transfer at the Water/1,2-Dichloroethane Interface. Journal of Physical Chemistry A, 1997, 101, 2519-2524.	2.5	23
327	Transfer and adsorption of 1-pyrene sulfonate at the waterâ^£1,2-dichloroethane interface studied by potential modulated fluorescence spectroscopy. Journal of Electroanalytical Chemistry, 2002, 518, 1-5.	3.8	23
328	Contact Galvani potential differences at liquidâ^£liquid interfaces. Journal of Electroanalytical Chemistry, 2002, 537, 77-84.	3.8	23
329	In-source photocatalytic reduction of disulfide bonds during laser desorption ionization. Chemical Communications, 2008, , 6357.	4.1	23
330	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid|Liquid Interfaces. ChemPhysChem, 2010, 11, 2979-2984.	2.1	23
331	Nanomaterial-assisted laser desorption ionization for mass spectrometry-based biomedical analysis. Nanomedicine, 2010, 5, 1641-1652.	3.3	23
332	Surprising acidity of hydrated lithium cations in organic solvents. Chemical Communications, 2014, 50, 5554-5557.	4.1	23
333	Mechanism of oxygen reduction by metallocenes near liquid|liquid interfaces. Journal of Electroanalytical Chemistry, 2014, 729, 43-52.	3.8	23
334	Structure and reactivity of the polarised liquidâ€"liquid interface: what we know and what we do not. Current Opinion in Electrochemistry, 2020, 19, 137-143.	4.8	23
335	NafionÂ® adsorption | anion transfer at the interface between two immiscible electrolyte solutions (ITIES). Journal of Electroanalytical Chemistry, 1994, 370, 287-293.	3.8	22
336	Studies of water/alcohol and air/alcohol interfaces by second harmonic generation. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3833-3838.	1.7	22
337	Micro-glassy carbon inks for thick-film electrodes. Electrochimica Acta, 1997, 42, 1883-1894.	5.2	22
338	Photoinduced electron transfer at liquid/liquid interfaces. Part V. Organisation of water-soluble chlorophyll at the water/1,2-dichloroethane interface. Physical Chemistry Chemical Physics, 2001, 3, 2503-2508.	2.8	22
339	Partition Coefficients of Ionizable Compounds ino-Nitrophenyl Octyl Ether/Water Measured by the Potentiometric Method. Analytical Chemistry, 2003, 75, 7036-7039.	6.5	22
340	Organisation and Reactivity of Nanoparticles at Molecular Interfaces. Part II. Dye Sensitisation of TiO2 Nanoparticles Assembled at the Water|1,2-Dichloroethane Interface. ChemPhysChem, 2003, 4, 85-89.	2.1	22
341	Determination of the Entropy of Ion Transfer between Two Immiscible Liquids Using the Water|Oil|Water Thermocouple. Journal of Physical Chemistry B, 2003, 107, 9829-9836.	2.6	22
342	Study of peptide on-line complexation with transition-metal ions generated from sacrificial electrodes in thin-chip polymer microsprays. Rapid Communications in Mass Spectrometry, 2005, 19, 1183-1190.	1.5	22

#	Article	IF	Citations
343	Time-resolved total internal reflection fluorescence spectroscopy : Part I. Photophysics of Coumarin 343 at liquid/liquid interface. Physical Chemistry Chemical Physics, 2005, 7, 3457.	2.8	22
344	Electrochemical Pushâ€“Pull Probe: From Scanning Electrochemical Microscopy to Multimodal Altering of Cell Microenvironment. Analytical Chemistry, 2015, 87, 4479-4486.	6.5	22
345	Ionosomes: Observation of Ionic Bilayer Water Clusters. Journal of the American Chemical Society, 2021, 143, 7671-7680.	13.7	22
346	Mercury Free Determination of Lead by Differential Pulse Anodic Stripping Voltammetry onto Silver-Plated Rotograved Carbon Electrodes. Electroanalysis, 2001, 13, 100-103.	2.9	21
347	Highâ€sensitive protein analysis by FESIâ€CEâ€MALDIâ€MS. Electrophoresis, 2011, 32, 1795-1803.	2.4	21
348	Redox Flow Batteries, Hydrogen and Distributed Storage. Chimia, 2015, 69, 753.	0.6	21
349	Point-of-care amperometric determination of L-dopa using an inkjet-printed carbon nanotube electrode modified with dandelion-like MnO2 microspheres. Mikrochimica Acta, 2019, 186, 532.	5.0	21
350	Tape-Stripping Electrochemical Detection of Melanoma. Analytical Chemistry, 2019, 91, 12900-12908.	6.5	21
351	Inkjet-Printed Carbon Nanotube Electrodes Modified with Dimercaptosuccinic Acid-Capped Fe₃O₄ Nanoparticles on Reduced Graphene Oxide Nanosheets for Single-Drop Determination of Trifluoperazine. ACS Applied Nano Materials, 2020, 3, 4654-4662.	5.0	21
352	Photochemical ion transfer across the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 259, 309-313.	0.1	20
353	Thin film electrode: a new method for the fabrication of submicrometer band electrodes. Electrochimica Acta, 1991, 36, 763-771.	5.2	20
354	Facilitated ion transfer across oilâˆ£water interfaces. Part III. Algebraic development and calculation of cyclic voltammetry experiments for the formation of a neutral complex. Journal of Electroanalytical Chemistry, 2000, 483, 135-143.	3.8	20
355	Finite element simulation of electrochemical ac diffusional impedance. Application to recessed microdiscs. Journal of Electroanalytical Chemistry, 2000, 492, 1-6.	3.8	20
356	The pH dependent adsorption of Coumarin 343 at the water/dichloroethane interface. Physical Chemistry Chemical Physics, 2004, 6, 3140.	2.8	20
357	Controlled Reversible Adsorption of Coreâ”Shell Metallic Nanoparticles at the Polarized Water/1,2-Dichloroethane Interface Investigated by Optical Second-Harmonic Generationâ€. Journal of Physical Chemistry C, 2007, 111, 8849-8855.	3.1	20
358	Electrochemically Controlled Protonâ€Transferâ€Catalyzed Reactions at Liquidâ€“Liquid Interfaces: Nucleophilic Substitution on Ferrocene Methanol. ChemPhysChem, 2013, 14, 311-314.	2.1	20
359	Ion transfer battery: storing energy by transferring ions across liquidâ€“liquid interfaces. Chemical Communications, 2016, 52, 9761-9764.	4.1	20
360	Onâ€Site Purification of Copperâ€Contaminated Vanadium Electrolytes by using a Vanadium Redox Flow Battery. ChemSusChem, 2019, 12, 1222-1228.	6.8	20

#	Article	IF	Citations
361	Discrete Helmholtz model: a single layer of correlated counter-ions. Metal oxides and silica interfaces, ion-exchange and biological membranes. Chemical Science, 2020, 11, 10304-10312.	7.4	20
362	Solvent reorganization energy for heterogeneous electron-transfer reactions at liquid | liquid interfaces. Journal of Electroanalytical Chemistry, 1995, 388, 93-100.	3.8	19
363	Intramolecular Electron Density Redistribution upon Hydrogen Bond Formation in the Anion Methyl Orange at the Water/1,2-Dichloroethane Interface Probed by Phase Interference Second Harmonic Generation. Chemistry - A European Journal, 2000, 6, 3434-3441.	3.3	19
364	Finite Element Simulation of Pinched Pressure-Driven Flow Injection in Microchannels. Analytical Chemistry, 2002, 74, 6205-6215.	6.5	19
365	A generalised model for dynamic photocurrent responses at dye-sensitised liquid|liquid interfaces. Journal of Electroanalytical Chemistry, 2005, 577, 323-337.	3.8	19
366	Electrochemical Pseudoâ€Titration of Waterâ€Soluble Antioxidants. Electroanalysis, 2013, 25, 922-930.	2.9	19
367	Mobility from Renewable Electricity: Infrastructure Comparison for Battery and Hydrogen Fuel Cell Vehicles. World Electric Vehicle Journal, 2018, 9, 3.	3.0	19
368	Assembling Niâ€“Fe Layered Double Hydroxide 2D Thin Films for Oxygen Evolution Electrodes. ACS Applied Energy Materials, 2020, 3, 1017-1026.	5.1	19
369	Combined hydrogen production and electricity storage using a vanadium-manganese redox dual-flow battery. Cell Reports Physical Science, 2021, 2, 100556.	5.6	19
370	Photochemical transfer of tetraaryl ions across the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 288, 245-261.	0.1	18
371	Electrochemical Extraction of Cu(I) and Cu(II) Ions Assisted by 1,4,7,10-Tetrathiacyclododecane. Analytical Chemistry, 1999, 71, 837-841.	6.5	18
372	Photoinduced electron transfer at liquid|liquid interfaces. Part VII. Correlation between self-organisation and structure of water-soluble photoactive species. Journal of Electroanalytical Chemistry, 2003, 560, 143-149.	3.8	18
373	Size dependence investigations of hot electron cooling dynamics in metal/adsorbates nanoparticles. Chemical Physics, 2005, 319, 409-421.	1.9	18
374	Electrochemical multi-tagging of cysteinyl peptides during microspray mass spectrometry: numerical simulation of consecutive reactions in a microchannel. Physical Chemistry Chemical Physics, 2005, 7, 4054.	2.8	18
375	Photocatalytic Redox Reactions for Inâ€Source Peptide Fragmentation. Chemistry - A European Journal, 2009, 15, 6711-6717.	3.3	18
376	Kinetic differentiation of bulk/interfacial oxygen reduction mechanisms at/near liquid/liquid interfaces using scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2014, 732, 101-109.	3.8	18
377	Mapping the antioxidant activity of apple peels with soft probe scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2017, 786, 120-128.	3.8	18
378	Montmorillonite clay-modified disposable ink-jet-printed graphene electrode as a sensitive voltammetric sensor for the determination of cadmium(II) and lead(II). SN Applied Sciences, 2020, 2, 1.	2.9	18

#	Article	IF	Citations
379	Hydrogen production on demand by redox-mediated electrocatalysis: A kinetic study. Chemical Engineering Journal, 2021, 407, 126721.	12.7	18
380	Prussian Blue Analogueâ€"Sodiumâ€"Vanadium Hexacyanoferrate as a Cathode Material for Na-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 9758-9765.	5.1	18
381	Photocurrent measurements at the interface between two immiscible electrolyte solutions. Journal of the Chemical Society Chemical Communications, 1988, , 1547.	2.0	17
382	Flow-rate characterization of microfabricated polymer microspray emitters. Rapid Communications in Mass Spectrometry, 2004, 18, 1614-1620.	1.5	17
383	Interfacial behavior of sulforhodamine 101 at the polarized water/1,2-dichloroethane interface studied by spectroelectrochemical techniques. Analytical and Bioanalytical Chemistry, 2006, 386, 633-638.	3.7	17
384	Room temperature ionic liquids based on cationic porphyrin derivatives and tetrakis(pentafluorophenyl)borate anion. Journal of Porphyrins and Phthalocyanines, 2011, 15, 560-574.	0.8	17
385	Microchip Emitter for Solid-Phase Extractionâ€"Gradient Elutionâ€"Mass Spectrometry. Analytical Chemistry, 2013, 85, 6254-6263.	6.5	17
386	Electrostatic Spray Ionization Mass Spectrometry Imaging. Analytical Chemistry, 2014, 86, 2033-2041.	6.5	17
387	Highly sensitive detection of five typical fluoroquinolones in lowâ€fat milk by fieldâ€enhanced sample injectionâ€based <scp>CE</scp> in bubble cell capillary. Electrophoresis, 2014, 35, 3355-3362.	2.4	17
388	Self-assembly and redox induced phase transfer of gold nanoparticles at a waterâ€"propylene carbonate interface. Chemical Communications, 2017, 53, 4108-4111.	4.1	17
389	Rapid inkjet printing of high catalytic activity Co3O4/N-rGO layers for oxygen reduction reaction. Applied Catalysis A: General, 2018, 563, 9-17.	4.3	17
390	Vanadium-oxygen cell for positive electrolyte discharge in dual-circuit vanadium redox flow battery. Journal of Power Sources, 2019, 439, 227075.	7.8	17
391	Photopolymerisation of ion-selective membranes onto silicon nitride surfaces for ISFET fabrication. Electrochimica Acta, 1990, 35, 777-783.	5.2	16
392	Dual-cylinder microelectrodes. Part 1.â€"Theoretical consideration of the steady-state current. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2603-2606.	1.7	16
393	Rotograved carbon electrodes for amperometric cadmium and lead determination. Journal of Electroanalytical Chemistry, 1999, 469, 189-195.	3.8	16
394	Integration of various stacking processes in carrier ampholyte-based capillary electrophoresis. Journal of Chromatography A, 2008, 1182, 226-232.	3.7	16
395	Biphasic Electrospray Ionization for the Study of Interfacial Complexes. Analytical Sciences, 2008, 24, 1399-1404.	1.6	16
396	Adsorbed protein detection by scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2009, 635, 69-74.	3.8	16

#	Article	IF	Citations
397	Characterization of efficient proteolysis by trypsin loaded macroporous silica. Molecular BioSystems, 2011, 7, 2890.	2.9	16
398	Coupling Isoelectric Focusing Gel Electrophoresis to Mass Spectrometry by Electrostatic Spray Ionization. Analytical Chemistry, 2013, 85, 4745-4752.	6.5	16
399	Rapid optimization of a lactate biosensor design using soft probes scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2014, 731, 112-118.	3.8	16
400	Catalysis at the room temperature ionic liquid|water interface: H₂O₂ generation. Chemical Communications, 2015, 51, 6851-6853.	4.1	16
401	Electrovariable gold nanoparticle films at liquidâ€“liquid interfaces: from redox electrocatalysis to Marangoni-shutters. Faraday Discussions, 2017, 199, 565-583.	3.2	16
402	Photosensitized Hydrogen Evolution on a Floating Electrocatalyst Coupled to Electrochemical Recycling. Journal of the American Chemical Society, 2018, 140, 10149-10152.	13.7	16
403	Sodium chromium hexacyanoferrate as a potential cathode material for aqueous sodium-ion batteries. Chemical Communications, 2019, 55, 14633-14636.	4.1	16
404	Surface second harmonic study of anion adsorption at the mercury | electrolyte interface. Journal of Electroanalytical Chemistry, 1996, 409, 123-129.	3.8	15
405	Photocurrent responses at dye sensitised ultrathin polyelectrolyte multilayers supported on gold electrodes. Chemical Communications, 2002, , 1240-1241.	4.1	15
406	On-line Electrochemical Tagging of Free Cysteines in Peptides during Nanospray Ionisation Mass Spectrometry: An Overview. Chimia, 2004, 58, 204-207.	0.6	15
407	Reactivity of Monolayer-Protected Gold Nanoclusters at Dye-Sensitized Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2005, 127, 10760-10766.	13.7	15
408	Electroacoustic miniaturized DNA-biosensor. Lab on A Chip, 2007, 7, 1607.	6.0	15
409	Microfluidic enzymatic reactors for proteome research. Analytical and Bioanalytical Chemistry, 2008, 390, 227-229.	3.7	15
410	Formation and study of single metal ionâ€“phospholipid complexes in biphasic electrospray ionization mass spectrometry. Metallomics, 2010, 2, 400.	2.4	15
411	Voltammetric studies of hexachromic anion transfer reactions across micro-water/polyvinylchloride-2-nitrophenyloctylether gel interfaces for sensing applications. Electrochimica Acta, 2012, 82, 12-18.	5.2	15
412	Interfacial Selfâ€Assembly of Waterâ€Soluble Cationic Porphyrins for the Reduction of Oxygen to Water. Angewandte Chemie - International Edition, 2012, 51, 6447-6451.	13.8	15
413	Bioanalytical methods for food allergy diagnosis, allergen detection and new allergen discovery. Bioanalysis, 2015, 7, 1175-1190.	1.5	15
414	Fixation and Permeabilization Approaches for Scanning Electrochemical Microscopy of Living Cells. Analytical Chemistry, 2016, 88, 11436-11443.	6.5	15

#	Article	IF	Citations
415	On-Chip Mesoporous Functionalized Magnetic Microspheres for Protein Sequencing by Extended Bottom-up Mass Spectrometry. Analytical Chemistry, 2016, 88, 1775-1784.	6.5	15
416	Understanding Digestive Ripening of Ligand-Stabilized, Charged Metal Nanoparticles. Journal of Physical Chemistry C, 2017, 121, 13405-13411.	3.1	15
417	Print-Light-Synthesis of Ni and NiFe-Nanoscale Catalysts for Oxygen Evolution. ACS Applied Energy Materials, 2019, 2, 6322-6331.	5.1	15
418	Charge effects on phospholipid monolayers in relation to cell motility. Biochimica Et Biophysica Acta - Biomembranes, 1986, 857, 251-258.	2.6	14
419	Second harmonic generation response by gold nanoparticles at the polarized water/2-octanone interface: from dispersed to aggregated particles. Journal of Physics Condensed Matter, 2007, 19, 375108.	1.8	14
420	Electroacoustic Polymer Microchip as an Alternative to Quartz Crystal Microbalance for Biosensor Development. Analytical Chemistry, 2008, 80, 8900-8907.	6.5	14
421	Voltammetry for surface-active ions at polarisable liquid|liquid interfaces. Journal of Electroanalytical Chemistry, 2009, 634, 82-89.	3.8	14
422	Parylene C coated microelectrodes for scanning electrochemical microscopy. Electrochimica Acta, 2013, 110, 22-29.	5.2	14
423	A Simple Liquidâ€“Liquid Biphasic System for Hydrogen Peroxide Generation. Journal of Physical Chemistry C, 2015, 119, 20011-20015.	3.1	14
424	Boosting water oxidation layer-by-layer. Physical Chemistry Chemical Physics, 2016, 18, 9295-9304.	2.8	14
425	SECM study of hydrogen photogeneration in a 1,2-dichloroethane | water biphasic system with decamethylruthenocene electron donor regeneration. Journal of Electroanalytical Chemistry, 2018, 819, 101-106.	3.8	14
426	A Self-Assembled Organic/Metal Junction for Water Photo-Oxidation. Journal of the American Chemical Society, 2019, 141, 6765-6774.	13.7	14
427	Voltammetric Studies of Anion Transfer Reactions Across a Microhole Array-Water/PVC-NPOE Gel Interface. Bulletin of the Korean Chemical Society, 2012, 33, 1734-1740.	1.9	14
428	Ion transfer facilitated by the neutral carrier N,N,-dicyclohexyl-Nâ€²,Nâ€²-diisobutyl-cis-cyclohexane-1,2-dicarboxamide across the water/1,2-dichloroethane interface. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 4307-4312.	1.7	13
429	A Sensitive Electrochemical Protein Quantification Method. Electroanalysis, 2000, 12, 811-815.	2.9	13
430	Hydrodynamic approach to ion transfer reactions across an ITIES. Journal of Electroanalytical Chemistry, 2001, 496, 131-136.	3.8	13
431	Ein Chip-Mikrospraysystem fÃ¼r die hochauflÃ¶sende Fourier-Transformations-Ionenzyklotronresonanz-Massenspektrometrie von Biopolymeren. Angewandte Chemie, 2003, 115, 55-60.	2.0	13
432	Detection of proteins on membranes and in microchannels using copper staining combined with scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2007, 599, 349-355.	3.8	13

#	Article	IF	Citations
433	Electrochemical Reactions and Ionization Processes. European Journal of Mass Spectrometry, 2010, 16, 341-349.	1.0	13
434	Efficient Drug Metabolism Strategy Based on Microsomeâ€“Mesoporous Organosilica Nanoreactors. Analytical Chemistry, 2014, 86, 10870-10876.	6.5	13
435	Photo-Ionic Cells: Two Solutions to Store Solar Energy and Generate Electricity on Demand. Journal of Physical Chemistry C, 2014, 118, 16872-16883.	3.1	13
436	Semi-analytical modelling of linear scan voltammetric responses for soluble-insoluble system: The case of metal deposition. Journal of Electroanalytical Chemistry, 2018, 818, 35-43.	3.8	13
437	On-Chip Spyhole Nanoelectrospray Ionization Mass Spectrometry for Sensitive Biomarker Detection in Small Volumes. Journal of the American Society for Mass Spectrometry, 2018, 29, 1538-1545.	2.8	13
438	Discrete Helmholtz charge distribution at liquid-liquid interfaces: Electrocapillarity, capacitance and non-linear spectroscopy studies. Journal of Electroanalytical Chemistry, 2020, 872, 114240.	3.8	13
439	Heterogeneous electron transfer reactions at liquid/liquid interfaces studied by time-resolved absorption spectroscopy. Journal of Photochemistry and Photobiology A: Chemistry, 1998, 117, 27-33.	3.9	12
440	Ionode detection and capillary electrophoresis integrated on a polymer micro-chip. Journal of Electroanalytical Chemistry, 2002, 523, 40-48.	3.8	12
441	Hydrovoltaic cells. Part II: Thermogalvanic cells and numerical simulations of thermal diffusion potentials. Journal of Electroanalytical Chemistry, 2004, 565, 65-75.	3.8	12
442	Nanomosaic Network for the Detection of Proteins Without Direct Electrical Contact. Small, 2008, 4, 802-809.	10.0	12
443	Magnetic track array for efficient bead capture in microchannels. Analytical and Bioanalytical Chemistry, 2009, 395, 747-757.	3.7	12
444	Ga₂O₃ photocatalyzed onâ€line tagging of cysteine to facilitate peptide mass fingerprinting. Proteomics, 2011, 11, 3501-3509.	2.2	12
445	Evaluation of Gibbs Energy of Dioxouranium Transfer at an Electrified Liquid | Liquid Interface Supported on a Microhole. Electroanalysis, 2011, 23, 2677-2686.	2.9	12
446	Differential capacitance of liquid/liquid interfaces of finite thicknesses: a finite element study. Physical Chemistry Chemical Physics, 2012, 14, 11268.	2.8	12
447	Chaotropic Agents Boosting the Performance of Photoionic Cells. Journal of Physical Chemistry C, 2015, 119, 4728-4735.	3.1	12
448	(Invited) Point-of-Care Diagnostics with Inkjet-Printed Microchips. ECS Transactions, 2017, 77, 73-81.	0.5	12
449	1D Amorphous Tungstenâ€Based Ternary Refractory Metal Sulfides for Catalytic Hydrogen Evolution at Soft Interfaces. ChemNanoMat, 2019, 5, 1461-1466.	2.8	12
450	Trapping of dopant anions in two-layer polypyrrole films. Journal of the Chemical Society Chemical Communications, 1987, , 1095-1097.	2.0	11

#	Article	IF	Citations
451	The water/oil/water thermocouple and the ionic seebeck effect. Journal of the Chemical Society Faraday Transactions I, 1988, 84, 2147.	1.0	11
452	Role of adsorbates on dynamics of hot-electron (type I and II) thermalization within gold nanoparticles. Comptes Rendus Chimie, 2006, 9, 261-267.	0.5	11
453	Sandwich mixerâ€“reactor: influence of the diffusion coefficient and flow rate ratios. Lab on A Chip, 2009, 9, 440-448.	6.0	11
454	Study of Amyloid Î²-Peptide (AÎ²12-28-Cys) Interactions with Congo Red and Î²-Sheet Breaker Peptides Using Electrochemical Impedance Spectroscopy. Langmuir, 2012, 28, 6377-6385.	3.5	11
455	Electrostaticâ€spray ionization mass spectrometry sniffing for perfume fingerprinting. Rapid Communications in Mass Spectrometry, 2013, 27, 2310-2316.	1.5	11
456	Polymer microchip impedance spectroscopy through two parallel planar embedded microelectrodes: Understanding the impedance contribution of the surrounding polymer on the measurement accuracy. Electrochimica Acta, 2013, 105, 7-14.	5.2	11
457	Scanning electrochemical microscopy determination of hydrogen flux at liquid|liquid interface with potentiometric probe. Electrochemistry Communications, 2014, 43, 22-24.	4.7	11
458	Disposable Biosensor Based on Amidase/CeO2/GNR Modified Inkjetâ€printed CNT Electrodesâ€droplet Based Paracetamol Detection in Biological Fluids for â€œPointâ€ofâ€careâ€•Applications. Electroanalysis, 2019, 31, 1517-1525.	2.9	11
459	Local Study on Hydrogen and Hydrogen Gas Bubble Formation on a Platinum Electrode. Journal of Physical Chemistry C, 2019, 123, 10849-10856.	3.1	11
460	Highly Loaded Mildly Edgeâ€Oxidized Graphene Nanosheet Dispersions for Largeâ€Scale Inkjet Printing of Electrochemical Sensors. ChemElectroChem, 2020, 7, 460-468.	3.4	11
461	Soft-probe-scanning electrochemical microscopy reveals electrochemical surface reactivity of E. coli biofilms. Sensors and Actuators B: Chemical, 2021, 334, 129669.	7.8	11
462	Specific adsorption of tetraalkylammonium cations on the 1,2-dicloroethane/water interface. Electrochimica Acta, 2004, 50, 135-139.	5.2	10
463	Human Fingerprint Imaging by Scanning ElectroChemical Microscopy (SECM). Chimia, 2009, 63, 580.	0.6	10
464	Finger Probe Array for Topography-Tolerant Scanning Electrochemical Microscopy of Extended Samples. Analytical Chemistry, 2014, 86, 713-720.	6.5	10
465	Ambient in situ analysis and imaging of both hydrophilic and hydrophobic thin layer chromatography plates by electrostatic spray ionization mass spectrometry. RSC Advances, 2015, 5, 75395-75402.	3.6	10
466	Mediated water electrolysis in biphasic systems. Physical Chemistry Chemical Physics, 2017, 19, 22700-22710.	2.8	10
467	Flash light synthesis of noble metal nanoparticles for electrochemical applications: silver, gold, and their alloys. Journal of Solid State Electrochemistry, 2020, 24, 1781-1788.	2.5	10
468	A new sensor based on an amino-montmorillonite-modified inkjet-printed graphene electrode for the voltammetric determination of gentisic acid. Mikrochimica Acta, 2021, 188, 36.	5.0	10

#	Article	IF	Citations
469	Rotation anisotropy by second harmonic generation of IIâ€“VI epilayers on a GaAs {100} substrate: bare CMT and CdS on CMT. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4061-4067.	1.7	9
470	Coplanar interdigitated band electrodes for electrosynthesis. Part 6. hypochlorite electrogeneration from sea water electrolysis. Electrochimica Acta, 1999, 44, 2871-2878.	5.2	9
471	Nanocrystalline carbon film electrodes generated and patterned by UV-laser ablation of polystyrene. Physical Chemistry Chemical Physics, 1999, 1, 3647-3652.	2.8	9
472	Salt removal during Off-Gel? electrophoresis of protein samples. Electrophoresis, 2005, 26, 1650-1658.	2.4	9
473	CdSe Sensitized Thin Aqueous Films:â€‰ Probing the Potential Distribution Inside Multilayer Assemblies. Langmuir, 2006, 22, 10652-10658.	3.5	9
474	2-Dimensional Porphyrin Self-Assemblies at Molecular Interfaces. Langmuir, 2006, 22, 1112-1120.	3.5	9
475	Segmented field OFFGELÂ® electrophoresis. Electrophoresis, 2012, 33, 3331-3338.	2.4	9
476	Dual-Channel Electrospray Microchip. Journal of the American Society for Mass Spectrometry, 2013, 24, 454-457.	2.8	9
477	Steady-state macroscale voltammetry in a supercritical carbon dioxide medium. Physical Chemistry Chemical Physics, 2013, 15, 972-978.	2.8	9
478	Amino-functionalized macroporous silica for efficient tryptic digestion in acidic solutions. Proteomics, 2013, 13, 3117-3123.	2.2	9
479	Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. Chemistry - A European Journal, 2019, 25, 12769-12779.	3.3	9
480	Gel-free IEF in a membrane-sealed multicompartment cell for proteome prefractionation. Electrophoresis, 2007, 28, 1860-1866.	2.4	8
481	Artificial Photosynthesis at Soft Interfaces. Chimia, 2011, 65, 356.	0.6	8
482	Effect of Chaotropes on the Transfer of Ions and Dyes across the Liquidâ€“Liquid Interface. Journal of Physical Chemistry C, 2018, 122, 18510-18519.	3.1	8
483	Portable Amperometric Perchlorate Selective Sensors with Microhole Array-water/organic Gel Interfaces. Bulletin of the Korean Chemical Society, 2013, 34, 2577-2582.	1.9	8
484	Copper Staining/Labeling and Scanning Electrochemical Microscopy Readout of Proteins on Poly(vinylidene difluoride) Membranes. Chimia, 2005, 59, 105-108.	0.6	7
485	Onâ€column conductivity detection in capillaryâ€chip electrophoresis. Electrophoresis, 2007, 28, 4612-4619.	2.4	7
486	3D-ITIES supported on porous reticulated vitreous carbon. Journal of Electroanalytical Chemistry, 2007, 604, 65-71.	3.8	7

#	Article	IF	Citations
487	Ionic partition diagram of tetraphenylporphyrin at the water|1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2011, 656, 147-151.	3.8	7
488	Ultrafast Population Dynamics of Surface-Active Dyes during Electrochemically Controlled Ion Transfer across a Liquid|Liquid Interface. Journal of Physical Chemistry C, 2014, 118, 25027-25031.	3.1	7
489	Electrostatic Spray Ionization from 384-Well Microtiter Plates for Mass Spectrometry Analysis-Based Enzyme Assay and Drug Metabolism Screening. Analytical Chemistry, 2017, 89, 5983-5990.	6.5	7
490	Gold Raspberry-Like Colloidosomes Prepared at the Waterâ€“Nitromethane Interface. Langmuir, 2018, 34, 2758-2763.	3.5	7
491	Numerical simulations of linear scan anodic stripping voltammetry at a modified square array of hemispherical microelectrodes located in a thin-layer cell. Journal of Electroanalytical Chemistry, 2004, 566, 147-158.	3.8	6
492	Protoporphyrin IX sensitized titanium oxide gel electrode. Inorganica Chimica Acta, 2008, 361, 746-760.	2.4	6
493	Standard addition strip for quantitative electrostatic spray ionization mass spectrometry analysis: Determination of caffeine in drinks.. Talanta, 2014, 130, 377-381.	5.5	6
494	Enhanced Reactivity of Water Clusters towards Oxidation in Water/Acetonitrile Mixtures. ChemElectroChem, 2016, 3, 2003-2007.	3.4	6
495	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie, 2017, 129, 2364-2367.	2.0	6
496	Solvent effect in photo-ionic cells. Journal of Electroanalytical Chemistry, 2018, 816, 242-252.	3.8	6
497	Two dimensional diffusion-controlled tripletâ€“triplet annihilation kinetics. Chemical Science, 2019, 10, 7633-7640.	7.4	6
498	Thin-chip microspray system for high-performance Fourier-transform ion-cyclotron resonance mass spectrometry of biopolymers. Angewandte Chemie - International Edition, 2003, 42, 54-8.	13.8	6
499	SECM photography. Electrochemistry Communications, 2008, 10, 714-718.	4.7	5
500	About the Electrospray Ionization Source in Mass Spectrometry: Electrochemistry and On-chip Reactions. Chimia, 2009, 63, 283.	0.6	5
501	H₂O₂ Generation at a Carbonâ€Paste Electrode with Decamethylferrocene in 2â€Nitrophenyloctyl Ether as a Binder: Catalytic Effect of MoS₂ Particles. ChemElectroChem, 2016, 3, 1400-1406.	3.4	5
502	Rapid Noninvasive Skin Monitoring by Surface Mass Recording and Data Learning. Jacs Au, 2021, 1, 598-611.	7.9	5
503	Communicationâ€”Scanning Electrochemical Microscopy Analysis of Interleukin-6 in Oral Cancer. ECS Journal of Solid State Science and Technology, 2020, 9, 115028.	1.8	5
504	Visible-Light-Driven Water Oxidation on Self-Assembled Metal-Free Organic@Carbon Junctions at Neutral pH. Jacs Au, 2021, 1, 2294-2302.	7.9	5

#	Article	IF	Citations
505	Surface second harmonic generation from a mercury film electrode electrochemically deposited on an iridium substrate. Journal of Electroanalytical Chemistry, 2000, 487, 16-24.	3.8	4
506	Surface second harmonic generation from a mercury film electrode electrochemically deposited on an iridium substrate. Journal of Electroanalytical Chemistry, 2001, 500, 365-373.	3.8	4
507	Ring magnets for magnetic beads trapping in a capillary. Analytical Methods, 2011, 3, 614.	2.7	4
508	Surface second harmonic generation from coumarin 343 dye-attached TiO2 nanoparticles at liquidâ€“liquid interface. Journal of Nanoparticle Research, 2011, 13, 7057-7064.	1.9	4
509	Compatible buffer for capillary electrophoresis and matrix-assisted laser desorption/ionization mass spectrometry. Analytical Methods, 2013, 5, 4258.	2.7	4
510	Understanding the ageing process, recovering phase and fault diagnosis of electrochemical double layer capacitors. , 2014, , .		4
511	Open channel-based microchip electrophoresis interfaced with mass spectrometry via electrostatic spray ionization. Chinese Chemical Letters, 2016, 27, 85-87.	9.0	4
512	Photoâ€recycling the Sacrificial Electron Donor: Towards Sustainable Hydrogen Evolution in a Biphasic System. ChemPhysChem, 2020, 21, 2630-2633.	2.1	4
513	Voltammetry in twoâ€electrode mode for rapid electrochemical screening using a fully printed and flexible multiplexer sensor. ChemElectroChem, 2021, 8, 3700.	3.4	4
514	Electrochemical Aspects of Drug Partitioning. , 0, , 327-349.		4
515	Polymer Micro-Structures: Prototyping, Low-cost Mass Fabrication and Analytical Applications. , 2000, , 159-162.		4
516	Visible-light driven water oxidation and oxygen production at soft interfaces. Chemical Communications, 2022, 58, 3965-3968.	4.1	4
517	Further comments on interdigitated microband electrodes: chronoamperometry and steady state currents. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 293, 269-271.	0.1	3
518	Amperometric study of immuno-ion-selective electrode responses using biotin-aza-crown-6 ionophore. Bioelectrochemistry, 1992, 28, 459-471.	1.0	3
519	Second-harmonic generation in the characterization of surface effects in epitaxial layers. Semiconductor Science and Technology, 1998, 13, 1117-1122.	2.0	3
520	Effect of the Phase Volume Ratio on the Potential of a Liquid-Membrane Ion-Selective Electrode. Analytical Chemistry, 2004, 76, 4150-4155.	6.5	3
521	Numerical simulation of two-phase partition chromatography in microchannels for moderated logP measurements. Journal of Chromatography A, 2005, 1063, 89-97.	3.7	3
522	Diagonal chromatographic selection of cysteinyl peptides modified with benzoquinones. Analytical and Bioanalytical Chemistry, 2007, 389, 841-849.	3.7	3

#	Article	IF	Citations
523	Untersuchung der Tyrosinaseâ€Expression in nichtâ€metastatischen und metastatischen Melanomgeweben durch elektrochemische Rastersondenmikroskopie. Angewandte Chemie, 2016, 128, 3878-3881.	2.0	3
524	Immunaffine amperometrische Detektion bakterieller Infektionen. Angewandte Chemie, 2018, 130, 15158-15162.	2.0	3
525	The Solvent Effect on H₂O₂ Generation at Room Temperature Ionic Liquid|Water Interface. ChemPhysChem, 2021, 22, 1352-1360.	2.1	3
526	Advances in the Sensing and Treatment of Wound Biofilms. Angewandte Chemie, 2022, 134, .	2.0	3
527	Banana split: biomass splitting with flash light irradiation. Chemical Science, 2022, 13, 1774-1779.	7.4	3
528	Water photo-oxidation on self-assembled organic/Co3O4 metal junctions in biphasic systems. Electrochimica Acta, 2022, 414, 140166.	5.2	3
529	Functionalized Liquidâ€“Liquid Interfaces. Journal of Physics Condensed Matter, 2007, 19, 370301.	1.8	2
530	Porphyrin â€œMille-Feuillesâ€•photo-electrodes. Journal of Electroanalytical Chemistry, 2008, 621, 322-329.	3.8	2
531	Antioxidant Assay Based on Quenching of Photocatalytically Generated Reactive Oxygen Species. Chinese Journal of Analytical Chemistry, 2016, 44, 1257-1262.	1.7	2
532	Soft Probe Scanning Electrochemical Microscopy with Spider Array for Visualizing Biomarkers and Redox Active Proteins in Animal Tissues. ECS Transactions, 2017, 77, 85-90.	0.5	2
533	Electroactuators: from understanding to micro-robotics and energy conversion: general discussion. Faraday Discussions, 2017, 199, 525-545.	3.2	2
534	Electrotunable wetting, and micro- and nanofluidics: general discussion. Faraday Discussions, 2017, 199, 195-237.	3.2	2
535	Personalized and rapid test for food-related allergy. Journal of Allergy and Clinical Immunology, 2018, 141, 2297-2300.	2.9	2
536	Characterization of Surface State of Inert Particles: Case of Si and SiC. Journal of Minerals and Materials Characterization and Engineering, 2016, 04, 62-72.	0.4	2
537	On-line electrochemical tagging of free cysteines during nanospray ionisation for mass spectrometry analysis. , 2004, , .		1
538	Bubble cell for magnetic bead trapping in capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2011, 401, 3239-3248.	3.7	1
539	Antioxidant promotion of tyrosine nitration in the presence of copper(ii). Metallomics, 2013, 5, 686.	2.4	1
540	Protein/peptide purification by three-well OFFGEL electrophoresis with immobilized ultra narrow pH gradient gels. Analytical Methods, 2014, 6, 3995-4002.	2.7	1

#	Article	IF	Citations
541	Analytical Chemistry at the Laboratoire d'Electrochimie Physique et Analytique. Chimia, 2015, 69, 290-293.	0.6	1
542	H2O2Generation at a Carbon-Paste Electrode with Decamethylferrocene in 2-Nitrophenyloctyl Ether as a Binder: Catalytic Effect of MoS2Particles. ChemElectroChem, 2016, 3, 1277-1277.	3.4	1
543	Electrovariable nanoplasmonics: general discussion. Faraday Discussions, 2017, 199, 603-613.	3.2	1
544	Thermodynamic analysis of pH-FET and ISFET response. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 2249.	1.7	0
545	Editorial: Microfluidics in system biology. Electrophoresis, 2005, 26, 3593-3593.	2.4	0
546	Concluding remarks. Faraday Discussions, 2005, 129, 367.	3.2	0
547	LEPA: From Proteomics to Energy Conversion. Chimia, 2011, 65, 672-676.	0.6	0
548	Allergy Diagnostics Using Magnetic Beads in a GRAVITM-Cell Microfluidic Device. Chimia, 2012, 66, 950.	0.6	0
549	Soft Microelectrode Arrays as SECM Probes for Biological Samples. ECS Meeting Abstracts, 2012, , .	0.0	0
550	Porous silica enhanced proteolysis during Off-Gel separation for efficient protein identification. Talanta, 2015, 144, 1182-1188.	5.5	0
551	Weiche elektrochemische Sonden zum Abbilden der Verteilung von Biomarkern und injizierten Nanomaterialien in tierischem und menschlichem Gewebe. Angewandte Chemie, 2017, 129, 16722-16727.	2.0	0
552	Soft Probes for Scanning Electrochemical Microscopy. , 0, , 355-371.		0
553	Microfluidic Probes for Scanning Electrochemical Microscopy. , 0, , 373-390.		0
554	Development and applications of electrochemistry at soft interfaces and nanoparticles. Review of Polarography, 2021, 67, 3-10.	0.1	0
555	A Vanadium Redox Flow Battery for Hydrogen Production. ECS Meeting Abstracts, 2016, , .	0.0	0
556	Large-Scale Production of Electrocatalyst Micro- and Nanoparticles By Photonic Curing of Inkjet Printed Metal and Metal Alloy Precursor Inks. ECS Meeting Abstracts, 2017, , .	0.0	0
557	Soft Probe Scanning Electrochemical Microscopy with Spider Array for Visualizing Biomarkers and Redox Active Proteins in Animal Tissues. ECS Meeting Abstracts, 2017, , .	0.0	0
558	(Invited) Point-of-Care Diagnostics with Inkjet-Printed Microchips. ECS Meeting Abstracts, 2017, , .	0.0	0

#	Article	IF	Citations
559	Redox Flow Batteries for Fast EV Charging and for Hydrogen Production for FCEVs. ECS Meeting Abstracts, 2018, , .	0.0	0
560	Electron Transfer Reactions at Liquid-Liquid Interfaces. ECS Meeting Abstracts, 2018, , .	0.0	0
561	Purification of Copper-Contaminated Vanadium Electrolytes Using Vanadium Redox Flow Batteries. ECS Meeting Abstracts, 2020, MA2020-01, 481-481.	0.0	0
562	(Invited) Detection of Cancer Biomarkers By Scanning Electrochemical Microscopy. ECS Meeting Abstracts, 2020, MA2020-01, 1440-1440.	0.0	0
563	Study of Mn(III) Disproportionation Reaction Using Vanadium and Titanium Additives: Application to Redox Flow Batteries. ECS Meeting Abstracts, 2020, MA2020-01, 576-576.	0.0	0