

# Hubert H Girault

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/274342/publications.pdf>

Version: 2024-02-01

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	Advances in the Sensing and Treatment of Wound Biofilms. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
2	Advances in the Sensing and Treatment of Wound Biofilms. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	59
3	Banana split: biomass splitting with flash light irradiation. <i>Chemical Science</i> , 2022, 13, 1774-1779.	7.4	3
4	Visible-light driven water oxidation and oxygen production at soft interfaces. <i>Chemical Communications</i> , 2022, 58, 3965-3968.	4.1	4
5	Water photo-oxidation on self-assembled organic/Co <sub>3</sub> O <sub>4</sub> metal junctions in biphasic systems. <i>Electrochimica Acta</i> , 2022, 414, 140166.	5.2	3
6	Hydrogen production on demand by redox-mediated electrocatalysis: A kinetic study. <i>Chemical Engineering Journal</i> , 2021, 407, 126721.	12.7	18
7	Catalytic layer-membrane electrode assembly methods for optimum triple phase boundaries and fuel cell performances. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11096-11123.	10.3	43
8	Rapid Noninvasive Skin Monitoring by Surface Mass Recording and Data Learning. <i>Jacs Au</i> , 2021, 1, 598-611.	7.9	5
9	Photonic Flash Synthesis of Mo <sub>2</sub> C/Graphene Electrocatalyst for the Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2021, 11, 5865-5872.	11.2	51
10	Soft-probe-scanning electrochemical microscopy reveals electrochemical surface reactivity of E. coli biofilms. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129669.	7.8	11
11	Development and applications of electrochemistry at soft interfaces and nanoparticles. <i>Review of Polarography</i> , 2021, 67, 3-10.	0.1	0
12	The Solvent Effect on H <sub>2</sub> O <sub>2</sub> Generation at Room Temperature Ionic Liquid Water Interface. <i>ChemPhysChem</i> , 2021, 22, 1352-1360.	2.1	3
13	Ionosomes: Observation of Ionic Bilayer Water Clusters. <i>Journal of the American Chemical Society</i> , 2021, 143, 7671-7680.	13.7	22
14	Combined hydrogen production and electricity storage using a vanadium-manganese redox dual-flow battery. <i>Cell Reports Physical Science</i> , 2021, 2, 100556.	5.6	19
15	Prussian Blue Analogue "Sodium" Vanadium Hexacyanoferrate as a Cathode Material for Na-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 9758-9765.	5.1	18
16	Voltammetry in two-electrode mode for rapid electrochemical screening using a fully printed and flexible multiplexer sensor. <i>ChemElectroChem</i> , 2021, 8, 3700.	3.4	4
17	A new sensor based on an amino-montmorillonite-modified inkjet-printed graphene electrode for the voltammetric determination of gentisic acid. <i>Mikrochimica Acta</i> , 2021, 188, 36.	5.0	10
18	Visible-Light-Driven Water Oxidation on Self-Assembled Metal-Free Organic@Carbon Junctions at Neutral pH. <i>Jacs Au</i> , 2021, 1, 2294-2302.	7.9	5

#	ARTICLE	IF	CITATIONS
19	Aqueous organic and redox-mediated redox flow batteries: a review. <i>Current Opinion in Electrochemistry</i> , 2020, 21, 7-13.	4.8	85
20	Structure and reactivity of the polarised liquid-liquid interface: what we know and what we do not. <i>Current Opinion in Electrochemistry</i> , 2020, 19, 137-143.	4.8	23
21	Highly Loaded Mildly Edge-Oxidized Graphene Nanosheet Dispersions for Large-Scale Inkjet Printing of Electrochemical Sensors. <i>ChemElectroChem</i> , 2020, 7, 460-468.	3.4	11
22	Assembling Ni-Fe Layered Double Hydroxide 2D Thin Films for Oxygen Evolution Electrodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 1017-1026.	5.1	19
23	A Review: Electrochemical Biosensors for Oral Cancer. <i>Chemosensors</i> , 2020, 8, 54.	3.6	25
24	Discrete Helmholtz model: a single layer of correlated counter-ions. Metal oxides and silica interfaces, ion-exchange and biological membranes. <i>Chemical Science</i> , 2020, 11, 10304-10312.	7.4	20
25	Photo-recycling the Sacrificial Electron Donor: Towards Sustainable Hydrogen Evolution in a Biphasic System. <i>ChemPhysChem</i> , 2020, 21, 2630-2633.	2.1	4
26	Discrete Helmholtz charge distribution at liquid-liquid interfaces: Electrocapillarity, capacitance and non-linear spectroscopy studies. <i>Journal of Electroanalytical Chemistry</i> , 2020, 872, 114240.	3.8	13
27	How to polarise an interface with ions: the discrete Helmholtz model. <i>Chemical Science</i> , 2020, 11, 10807-10813.	7.4	27
28	Thermally regenerative copper nanoslurry flow batteries for heat-to-power conversion with low-grade thermal energy. <i>Energy and Environmental Science</i> , 2020, 13, 2191-2199.	30.8	51
29	Oxidative Print Light Synthesis Thin Film Deposition of Prussian Blue. <i>ACS Applied Electronic Materials</i> , 2020, 2, 927-935.	4.3	37
30	Flash light synthesis of noble metal nanoparticles for electrochemical applications: silver, gold, and their alloys. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1781-1788.	2.5	10
31	Montmorillonite clay-modified disposable ink-jet-printed graphene electrode as a sensitive voltammetric sensor for the determination of cadmium(II) and lead(II). <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	18
32	Energy efficient hydrogen drying and purification for fuel cell vehicles. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 10639-10647.	7.1	26
33	Vanadium-Manganese Redox Flow Battery: Study of $Mn^{III}$ Disproportionation in the Presence of Other Metallic Ions. <i>Chemistry - A European Journal</i> , 2020, 26, 7250-7257.	3.3	36
34	Inkjet-Printed Carbon Nanotube Electrodes Modified with Dimercaptosuccinic Acid-Capped $Fe_3O_4$ Nanoparticles on Reduced Graphene Oxide Nanosheets for Single-Drop Determination of Trifluoperazine. <i>ACS Applied Nano Materials</i> , 2020, 3, 4654-4662.	5.0	21
35	Communication-Scanning Electrochemical Microscopy Analysis of Interleukin-6 in Oral Cancer. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 115028.	1.8	5
36	Purification of Copper-Contaminated Vanadium Electrolytes Using Vanadium Redox Flow Batteries. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 481-481.	0.0	0

#	ARTICLE	IF	CITATIONS
37	(Invited) Detection of Cancer Biomarkers By Scanning Electrochemical Microscopy. ECS Meeting Abstracts, 2020, MA2020-01, 1440-1440.	0.0	0
38	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
39	Print-Light-Synthesis of Ni and NiFe-Nanoscale Catalysts for Oxygen Evolution. ACS Applied Energy Materials, 2019, 2, 6322-6331.	5.1	15
40	Solid electrochemical energy storage for aqueous redox flow batteries: The case of copper hexacyanoferrate. Electrochimica Acta, 2019, 321, 134704.	5.2	30
41	Point-of-care amperometric determination of L-dopa using an inkjet-printed carbon nanotube electrode modified with dandelion-like MnO <sub>2</sub> microspheres. Mikrochimica Acta, 2019, 186, 532.	5.0	21
42	Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. Chemistry - A European Journal, 2019, 25, 12769-12779.	3.3	9
43	Two dimensional diffusion-controlled triplet-triplet annihilation kinetics. Chemical Science, 2019, 10, 7633-7640.	7.4	6
44	Catalytic Hydrogen Evolution by Molybdenum-Based Ternary Metal Sulfide Nanoparticles. ACS Applied Nano Materials, 2019, 2, 7204-7213.	5.0	26
45	Vanadium-oxygen cell for positive electrolyte discharge in dual-circuit vanadium redox flow battery. Journal of Power Sources, 2019, 439, 227075.	7.8	17
46	1D Amorphous Tungsten-Based Ternary Refractory Metal Sulfides for Catalytic Hydrogen Evolution at Soft Interfaces. ChemNanoMat, 2019, 5, 1461-1466.	2.8	12
47	Tape-Stripping Electrochemical Detection of Melanoma. Analytical Chemistry, 2019, 91, 12900-12908.	6.5	21
48	Large-scale fabrication of flexible solid-state reference electrodes. Journal of Electroanalytical Chemistry, 2019, 847, 113241.	3.8	24
49	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
50	Disposable Biosensor Based on Amidase/CeO <sub>2</sub> /GNR Modified Inkjet-Printed CNT Electrodes-Droplet Based Paracetamol Detection in Biological Fluids for Point-of-Care Applications. Electroanalysis, 2019, 31, 1517-1525.	2.9	11
51	MALDI Detection of Exosomes: A Potential Tool for Cancer Studies. Chem, 2019, 5, 1318-1336.	11.7	42
52	Non-Precious Electrodes for Practical Alkaline Water Electrolysis. Materials, 2019, 12, 1336.	2.9	87
53	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
54	A Self-Assembled Organic/Metal Junction for Water Photo-Oxidation. Journal of the American Chemical Society, 2019, 141, 6765-6774.	13.7	14

#	ARTICLE	IF	CITATIONS
55	Sodium chromium hexacyanoferrate as a potential cathode material for aqueous sodium-ion batteries. <i>Chemical Communications</i> , 2019, 55, 14633-14636.	4.1	16
56	Inkjet-Printed Mesoporous TiO <sub>2</sub> and Perovskite Layers for High Efficiency Perovskite Solar Cells. <i>Energy Technology</i> , 2019, 7, 317-324.	3.8	67
57	On-Site Purification of Copper-Contaminated Vanadium Electrolytes by using a Vanadium Redox Flow Battery. <i>ChemSusChem</i> , 2019, 12, 1222-1228.	6.8	20
58	Personalized and rapid test for food-related allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2297-2300.	2.9	2
59	Solvent effect in photo-ionic cells. <i>Journal of Electroanalytical Chemistry</i> , 2018, 816, 242-252.	3.8	6
60	Semi-analytical modelling of linear scan voltammetric responses for soluble-insoluble system: The case of metal deposition. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 35-43.	3.8	13
61	Efficiency improvement of an all-vanadium redox flow battery by harvesting low-grade heat. <i>Journal of Power Sources</i> , 2018, 390, 30-37.	7.8	58
62	Electrochemical imaging of cells and tissues. <i>Chemical Science</i> , 2018, 9, 4546-4554.	7.4	73
63	Gold Raspberry-Like Colloidosomes Prepared at the Water-Nitromethane Interface. <i>Langmuir</i> , 2018, 34, 2758-2763.	3.5	7
64	Detection of antimicrobial resistance-associated proteins by titanium dioxide-facilitated intact bacteria mass spectrometry. <i>Chemical Science</i> , 2018, 9, 2212-2221.	7.4	40
65	On-Chip Spyhole Nanoelectrospray Ionization Mass Spectrometry for Sensitive Biomarker Detection in Small Volumes. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1538-1545.	2.8	13
66	SECM study of hydrogen photogeneration in a 1,2-dichloroethane   water biphasic system with decamethylruthenocene electron donor regeneration. <i>Journal of Electroanalytical Chemistry</i> , 2018, 819, 101-106.	3.8	14
67	Large-scale layer-by-layer inkjet printing of flexible iridium-oxide based pH sensors. <i>Journal of Electroanalytical Chemistry</i> , 2018, 819, 384-390.	3.8	43
68	Characterisation of a 200 kW/400 kWh Vanadium Redox Flow Battery. <i>Batteries</i> , 2018, 4, 54.	4.5	36
69	Immunoaffinity Amperometric Detection of Bacterial Infections. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14942-14946.	13.8	28
70	Immunaﬃne amperometrische Detektion bakterieller Infektionen. <i>Angewandte Chemie</i> , 2018, 130, 15158-15162.	2.0	3
71	Rapid inkjet printing of high catalytic activity Co <sub>3</sub> O <sub>4</sub> /N-rGO layers for oxygen reduction reaction. <i>Applied Catalysis A: General</i> , 2018, 563, 9-17.	4.3	17
72	Electrochemical potential window of battery electrolytes: the HOMO-LUMO misconception. <i>Energy and Environmental Science</i> , 2018, 11, 2306-2309.	30.8	341

#	ARTICLE	IF	CITATIONS
73	Photosensitized Hydrogen Evolution on a Floating Electrocatalyst Coupled to Electrochemical Recycling. <i>Journal of the American Chemical Society</i> , 2018, 140, 10149-10152.	13.7	16
74	Effect of Chaotropes on the Transfer of Ions and Dyes across the Liquid-Liquid Interface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18510-18519.	3.1	8
75	Mobility from Renewable Electricity: Infrastructure Comparison for Battery and Hydrogen Fuel Cell Vehicles. <i>World Electric Vehicle Journal</i> , 2018, 9, 3.	3.0	19
76	Redox Flow Batteries for Fast EV Charging and for Hydrogen Production for FCEVs. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
77	Electron Transfer Reactions at Liquid-Liquid Interfaces. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
78	Mapping the antioxidant activity of apple peels with soft probe scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2017, 786, 120-128.	3.8	18
79	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2324-2327.	13.8	24
80	Electrovariable gold nanoparticle films at liquid-liquid interfaces: from redox electrocatalysis to Marangoni-shutters. <i>Faraday Discussions</i> , 2017, 199, 565-583.	3.2	16
81	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie</i> , 2017, 129, 2364-2367.	2.0	6
82	Variation of the Fermi level and the electrostatic force of a metallic nanoparticle upon colliding with an electrode. <i>Chemical Science</i> , 2017, 8, 4795-4803.	7.4	24
83	Electrostatic Spray Ionization from 384-Well Microtiter Plates for Mass Spectrometry Analysis-Based Enzyme Assay and Drug Metabolism Screening. <i>Analytical Chemistry</i> , 2017, 89, 5983-5990.	6.5	7
84	(Invited) Point-of-Care Diagnostics with Inkjet-Printed Microchips. <i>ECS Transactions</i> , 2017, 77, 73-81.	0.5	12
85	Soft Probe Scanning Electrochemical Microscopy with Spider Array for Visualizing Biomarkers and Redox Active Proteins in Animal Tissues. <i>ECS Transactions</i> , 2017, 77, 85-90.	0.5	2
86	Understanding Digestive Ripening of Ligand-Stabilized, Charged Metal Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13405-13411.	3.1	15
87	Redox Solid Energy Boosters for Flow Batteries: Polyaniline as a Case Study. <i>Electrochimica Acta</i> , 2017, 235, 664-671.	5.2	60
88	Self-assembly and redox induced phase transfer of gold nanoparticles at a water-propylene carbonate interface. <i>Chemical Communications</i> , 2017, 53, 4108-4111.	4.1	17
89	Inkjet-printed microtiter plates for portable electrochemical immunoassays. <i>Journal of Electroanalytical Chemistry</i> , 2017, 786, 69-76.	3.8	45
90	Soft Electrochemical Probes for Mapping the Distribution of Biomarkers and Injected Nanomaterials in Animal and Human Tissues. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16498-16502.	13.8	35

#	ARTICLE	IF	CITATIONS
91	Electrovariable nanoplasmonics: general discussion. Faraday Discussions, 2017, 199, 603-613.	3.2	1
92	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
93	Electroactuators: from understanding to micro-robotics and energy conversion: general discussion. Faraday Discussions, 2017, 199, 525-545.	3.2	2
94	Mediated water electrolysis in biphasic systems. Physical Chemistry Chemical Physics, 2017, 19, 22700-22710.	2.8	10
95	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
96	Bacterial Whole Cell Typing by Mass Spectra Pattern Matching with Bootstrapping Assessment. Analytical Chemistry, 2017, 89, 12556-12561.	6.5	28
97	Electrotunable wetting, and micro- and nanofluidics: general discussion. Faraday Discussions, 2017, 199, 195-237.	3.2	2
98	lohexol 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
99	Solar photo-Fenton and UV/H <sub>2</sub> O <sub>2</sub> 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
100	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
101	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
102	(Invited) Point-of-Care Diagnostics with Inkjet-Printed Microchips. ECS Meeting Abstracts, 2017, , .	0.0	0
103	Enhanced Reactivity of Water Clusters towards Oxidation in Water/Acetonitrile Mixtures. ChemElectroChem, 2016, 3, 2003-2007.	3.4	6
104	H <sub>2</sub> O <sub>2</sub> Generation at a Carbon-Paste Electrode with Decamethylferrocene in 2-Nitrophenyloctyl Ether as a Binder: Catalytic Effect of MoS <sub>2</sub> Particles. ChemElectroChem, 2016, 3, 1400-1406.	3.4	5
105	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
106	H <sub>2</sub> O <sub>2</sub> Generation at a Carbon-Paste Electrode with Decamethylferrocene in 2-Nitrophenyloctyl Ether as a Binder: Catalytic Effect of MoS <sub>2</sub> Particles. ChemElectroChem, 2016, 3, 1277-1277.	3.4	1
107	Antioxidant Assay Based on Quenching of Photocatalytically Generated Reactive Oxygen Species. Chinese Journal of Analytical Chemistry, 2016, 44, 1257-1262.	1.7	2
108	High energy density MnO <sub>4</sub> <sup>-</sup> /MnO <sub>4</sub> <sup>2-</sup> redox couple for alkaline redox flow batteries. Chemical Communications, 2016, 52, 14039-14042.	4.1	26

#	ARTICLE	IF	CITATIONS
109	Fixation and Permeabilization Approaches for Scanning Electrochemical Microscopy of Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 11436-11443.	6.5	15
110	Untersuchung der Tyrosinase-Expression in nicht-metastatischen und metastatischen Melanomgeweben durch elektrochemische Rastersondenmikroskopie. <i>Angewandte Chemie</i> , 2016, 128, 3878-3881.	2.0	3
111	Monitoring Tyrosinase Expression in Non-metastatic and Metastatic Melanoma Tissues by Scanning Electrochemical Microscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3813-3816.	13.8	57
112	Contact Potentials, Fermi Level Equilibration, and Surface Charging. <i>Langmuir</i> , 2016, 32, 5765-5775.	3.5	63
113	Mass Barcode Signal Amplification for Multiplex Allergy Diagnosis by MALDI-MS. <i>Analytical Chemistry</i> , 2016, 88, 6184-6189.	6.5	33
114	Ion transfer battery: storing energy by transferring ions across liquid-liquid interfaces. <i>Chemical Communications</i> , 2016, 52, 9761-9764.	4.1	20
115	Self-healing gold mirrors and filters at liquid-liquid interfaces. <i>Nanoscale</i> , 2016, 8, 7723-7737.	5.6	35
116	Boosting water oxidation layer-by-layer. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9295-9304.	2.8	14
117	On-Chip Mesoporous Functionalized Magnetic Microspheres for Protein Sequencing by Extended Bottom-up Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 1775-1784.	6.5	15
118	All-vanadium dual circuit redox flow battery for renewable hydrogen generation and desulfurisation. <i>Green Chemistry</i> , 2016, 18, 1785-1797.	9.0	40
119	Gold Nanofilm Redox Catalysis for Oxygen Reduction at Soft Interfaces. <i>Electrochimica Acta</i> , 2016, 197, 362-373.	5.2	49
120	Open channel-based microchip electrophoresis interfaced with mass spectrometry via electrostatic spray ionization. <i>Chinese Chemical Letters</i> , 2016, 27, 85-87.	9.0	4
121	Characterization of Surface State of Inert Particles: Case of Si and SiC. <i>Journal of Minerals and Materials Characterization and Engineering</i> , 2016, 04, 62-72.	0.4	2
122	A Vanadium Redox Flow Battery for Hydrogen Production. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
123	Analytical Chemistry at the Laboratoire d'Electrochimie Physique et Analytique. <i>Chimia</i> , 2015, 69, 290-293.	0.6	1
124	Inkjet Printing Meets Electrochemical Energy Conversion. <i>Chimia</i> , 2015, 69, 284.	0.6	24
125	Redox Flow Batteries, Hydrogen and Distributed Storage. <i>Chimia</i> , 2015, 69, 753.	0.6	21
126	Inkjet Printed Nanohydrogel Coated Carbon Nanotubes Electrodes For Matrix Independent Sensing. <i>Analytical Chemistry</i> , 2015, 87, 1026-1033.	6.5	34



#	ARTICLE	IF	CITATIONS
127	Chaotropic Agents Boosting the Performance of Photoionic Cells. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4728-4735.	3.1	12
128	Porous silica enhanced proteolysis during Off-Gel separation for efficient protein identification. <i>Talanta</i> , 2015, 144, 1182-1188.	5.5	0
129	Multiple scanning electrochemical microscopy mapping of tyrosinase in micro-contact printed fruit samples on polyvinylidene fluoride membrane. <i>Electrochimica Acta</i> , 2015, 179, 57-64.	5.2	26
130	Interfacial Redox Catalysis on Gold Nanofilms at Soft Interfaces. <i>ACS Nano</i> , 2015, 9, 6565-6575.	14.6	74
131	Catalysis at the room temperature ionic liquid   water interface: $H_2O_2$ generation. <i>Chemical Communications</i> , 2015, 51, 6851-6853.	4.1	16
132	Charging and discharging at the nanoscale: Fermi level equilibration of metallic nanoparticles. <i>Chemical Science</i> , 2015, 6, 2705-2720.	7.4	173
133	Electrochemical Push-Pull Probe: From Scanning Electrochemical Microscopy to Multimodal Altering of Cell Microenvironment. <i>Analytical Chemistry</i> , 2015, 87, 4479-4486.	6.5	22
134	Bioanalytical methods for food allergy diagnosis, allergen detection and new allergen discovery. <i>Bioanalysis</i> , 2015, 7, 1175-1190.	1.5	15
135	Electrochemical detection of free chlorine at inkjet printed silver electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015, 756, 171-178.	3.8	72
136	A Simple Liquid-Liquid Biphasic System for Hydrogen Peroxide Generation. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20011-20015.	3.1	14
137	Ambient in situ analysis and imaging of both hydrophilic and hydrophobic thin layer chromatography plates by electrostatic spray ionization mass spectrometry. <i>RSC Advances</i> , 2015, 5, 75395-75402.	3.6	10
138	Macroscopic indicators of fault diagnosis and ageing in electrochemical double layer capacitors. <i>Journal of Energy Storage</i> , 2015, 2, 8-24.	8.1	25
139	Decamethylruthenocene Hydride and Hydrogen Formation at Liquid   Liquid Interfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25761-25769.	3.1	31
140	Catalysis of water oxidation in acetonitrile by iridium oxide nanoparticles. <i>Chemical Science</i> , 2015, 6, 1761-1769.	7.4	36
141	On-Chip Spyhole Mass Spectrometry for Droplet-Based Microfluidics. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4408-4412.	13.8	67
142	Understanding the ageing process, recovering phase and fault diagnosis of electrochemical double layer capacitors. , 2014, , .		4
143	Large scale inkjet-printing of carbon nanotubes electrodes for antioxidant assays in blood bags. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 61-68.	3.8	48
144	Scanning electrochemical microscopy determination of hydrogen flux at liquid   liquid interface with potentiometric probe. <i>Electrochemistry Communications</i> , 2014, 43, 22-24.	4.7	11

#	ARTICLE	IF	CITATIONS
145	Surprising acidity of hydrated lithium cations in organic solvents. <i>Chemical Communications</i> , 2014, 50, 5554-5557.	4.1	23
146	Efficient Drug Metabolism Strategy Based on Microsomeâ€“Mesoporous Organosilica Nanoreactors. <i>Analytical Chemistry</i> , 2014, 86, 10870-10876.	6.5	13
147	Rapid optimization of a lactate biosensor design using soft probes scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2014, 731, 112-118.	3.8	16
148	Protein/peptide purification by three-well OFFGEL electrophoresis with immobilized ultra narrow pH gradient gels. <i>Analytical Methods</i> , 2014, 6, 3995-4002.	2.7	1
149	Ultrafast Population Dynamics of Surface-Active Dyes during Electrochemically Controlled Ion Transfer across a Liquid   Liquid Interface. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25027-25031.	3.1	7
150	Finger Probe Array for Topography-Tolerant Scanning Electrochemical Microscopy of Extended Samples. <i>Analytical Chemistry</i> , 2014, 86, 713-720.	6.5	10
151	Fingerprinting the tertiary structure of electroadsorbed lysozyme at soft interfaces by electrostatic spray ionization mass spectrometry. <i>Chemical Communications</i> , 2014, 50, 11829-11832.	4.1	24
152	Gold Metal Liquid-Like Droplets. <i>ACS Nano</i> , 2014, 8, 9471-9481.	14.6	55
153	Nanoporous molybdenum carbide wires as an active electrocatalyst towards the oxygen reduction reaction. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10088-10094.	2.8	43
154	A nanoporous molybdenum carbide nanowire as an electrocatalyst for hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2014, 7, 387-392.	30.8	972
155	Kinetic differentiation of bulk/interfacial oxygen reduction mechanisms at/near liquid/liquid interfaces using scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2014, 732, 101-109.	3.8	18
156	Oxygen Reduction at Soft Interfaces Catalyzed by Inâ€“Situâ€“Generated Reduced Graphene Oxide. <i>ChemElectroChem</i> , 2014, 1, 59-63.	3.4	30
157	Standard addition strip for quantitative electrostatic spray ionization mass spectrometry analysis: Determination of caffeine in drinks.. <i>Talanta</i> , 2014, 130, 377-381.	5.5	6
158	Mechanism of oxygen reduction by metallocenes near liquid   liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2014, 729, 43-52.	3.8	23
159	Photo-Ionic Cells: Two Solutions to Store Solar Energy and Generate Electricity on Demand. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16872-16883.	3.1	13
160	Electrostatic Spray Ionization Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2014, 86, 2033-2041.	6.5	17
161	Hydrogen and Hydrogen Peroxide Formation in Trifluorotolueneâ€“Water Biphasic Systems. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23154-23161.	3.1	26
162	Electrochemical oxygen reduction at soft interfaces catalyzed by the transfer of hydrated lithium cations. <i>Journal of Electroanalytical Chemistry</i> , 2014, 731, 28-35.	3.8	27

#	ARTICLE	IF	CITATIONS
163	Renewable hydrogen generation from a dual-circuit redox flow battery. <i>Energy and Environmental Science</i> , 2014, 7, 2350-2358.	30.8	102
164	Component-Resolved Diagnostic of Cow's Milk Allergy by Immunoaffinity Capillary Electrophoresis-Matrix Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 6337-6345.	6.5	31
165	Highly sensitive detection of five typical fluoroquinolones in low-fat milk by field-enhanced sample injection-based $\text{CE}$ in bubble cell capillary. <i>Electrophoresis</i> , 2014, 35, 3355-3362.	2.4	17
166	Dual-Channel Electrospray Microchip. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 454-457.	2.8	9
167	Electrochemical As(III) whole-cell based biochip sensor. <i>Biosensors and Bioelectronics</i> , 2013, 47, 237-242.	10.1	69
168	Floating conductive catalytic nano-rafts at soft interfaces for hydrogen evolution. <i>Chemical Science</i> , 2013, 4, 3432.	7.4	75
169	Antioxidant promotion of tyrosine nitration in the presence of copper(ii). <i>Metallomics</i> , 2013, 5, 686.	2.4	1
170	Low-cost industrially available molybdenum boride and carbide as "platinum-like" catalysts for the hydrogen evolution reaction in biphasic liquid systems. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2847.	2.8	137
171	Conductive Gold Nanoparticle Mirrors at Liquid/Liquid Interfaces. <i>ACS Nano</i> , 2013, 7, 9241-9248.	14.6	128
172	Photoreduction of $\text{CO}_2$ Using $[\text{Ru}(\text{bpy})_2(\text{CO})\text{L}]^{\text{in}}$ Catalysts in Biphasic Solution/Supercritical $\text{CO}_2$ Systems. <i>Inorganic Chemistry</i> , 2013, 52, 10949-10957.	4.0	46
173	High-throughput scanning electrochemical microscopy brushing of strongly tilted and curved surfaces. <i>Electrochimica Acta</i> , 2013, 110, 30-41.	5.2	28
174	Steady-state macroscale voltammetry in a supercritical carbon dioxide medium. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 972-978.	2.8	9
175	Electrostatic-spray ionization mass spectrometry sniffing for perfume fingerprinting. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2310-2316.	1.5	11
176	Amino-functionalized macroporous silica for efficient tryptic digestion in acidic solutions. <i>Proteomics</i> , 2013, 13, 3117-3123.	2.2	9
177	Compatible buffer for capillary electrophoresis and matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 4258.	2.7	4
178	Electrochemically Controlled Proton-Transfer-Catalyzed Reactions at Liquid-Liquid Interfaces: Nucleophilic Substitution on Ferrocene Methanol. <i>ChemPhysChem</i> , 2013, 14, 311-314.	2.1	20
179	Polymer microchip impedance spectroscopy through two parallel planar embedded microelectrodes: Understanding the impedance contribution of the surrounding polymer on the measurement accuracy. <i>Electrochimica Acta</i> , 2013, 105, 7-14.	5.2	11
180	LSPR properties of metal nanoparticles adsorbed at a liquid-liquid interface. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 5374.	2.8	40

#	ARTICLE	IF	CITATIONS
181	Electrochemical Pseudo- $\alpha$ -Titration of Water-Soluble Antioxidants. <i>Electroanalysis</i> , 2013, 25, 922-930.	2.9	19
182	MoS <sub>2</sub> Formed on Mesoporous Graphene as a Highly Active Catalyst for Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2013, 23, 5326-5333.	14.9	664
183	Photoinduced Biphasic Hydrogen Evolution: Decamethylsmocene as a Light-Driven Electron Donor. <i>ChemPhysChem</i> , 2013, 14, 2308-2316.	2.1	34
184	Coupling Isoelectric Focusing Gel Electrophoresis to Mass Spectrometry by Electrostatic Spray Ionization. <i>Analytical Chemistry</i> , 2013, 85, 4745-4752.	6.5	16
185	Parylene C coated microelectrodes for scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2013, 110, 22-29.	5.2	14
186	Microchip Emitter for Solid-Phase Extraction-Gradient Elution-Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 6254-6263.	6.5	17
187	Hydrogen Peroxide Generation at Liquid   Liquid Interface under Conditions Unfavorable for Proton Transfer from Aqueous to Organic Phase. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20681-20688.	3.1	25
188	Portable Amperometric Perchlorate Selective Sensors with Microhole Array-water/organic Gel Interfaces. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2577-2582.	1.9	8
189	Allergy Diagnostics Using Magnetic Beads in a GRAVITM-Cell Microfluidic Device. <i>Chimia</i> , 2012, 66, 950.	0.6	0
190	Segmented field OFFGEL <sup>®</sup> electrophoresis. <i>Electrophoresis</i> , 2012, 33, 3331-3338.	2.4	9
191	Proteolysis in microfluidic droplets: an approach to interface protein separation and peptide mass spectrometry. <i>Lab on A Chip</i> , 2012, 12, 2625.	6.0	54
192	Differential capacitance of liquid/liquid interfaces of finite thicknesses: a finite element study. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11268.	2.8	12
193	Electrostatic-Spray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 7422-7430.	6.5	64
194	Electrochemical Push-Pull Scanner with Mass Spectrometry Detection. <i>Analytical Chemistry</i> , 2012, 84, 6630-6637.	6.5	50
195	In-Spray Supercharging of Peptides and Proteins in Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 4647-4651.	6.5	74
196	Biomimetic Oxygen Reduction by Cofacial Porphyrins at a Liquid-Liquid Interface. <i>Journal of the American Chemical Society</i> , 2012, 134, 5974-5984.	13.7	118
197	Studies of Ionic Current Rectification Using Polyethyleneimines Coated Glass Nanopipettes. <i>Analytical Chemistry</i> , 2012, 84, 5565-5573.	6.5	75
198	Self-Assembled Molecular Rafts at Liquid   Liquid Interfaces for Four-Electron Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2012, 134, 498-506.	13.7	87

#	ARTICLE	IF	CITATIONS
199	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
200	Fabrication of soft gold microelectrode arrays as probes for scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2012, 666, 52-61.	3.8	44
201	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
202	Nanocomposite of MoS <sub>2</sub> on ordered mesoporous carbon nanospheres: A highly active catalyst for electrochemical hydrogen evolution. Electrochemistry Communications, 2012, 22, 128-132.	4.7	143
203	Parallel Imaging and Template-Free Patterning of Self-Assembled Monolayers with Soft Linear Microelectrode Arrays. Angewandte Chemie - International Edition, 2012, 51, 10413-10416.	13.8	52
204	Analysis of major milk whey proteins by immunoaffinity capillary electrophoresis coupled with MALDI-MS. Electrophoresis, 2012, 33, 2390-2398.	2.4	39
205	Improved Conversion Rates in Drug Screening Applications Using Miniaturized Electrochemical Cells with Frit Channels. Analytical Chemistry, 2012, 84, 9176-9183.	6.5	30
206	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
207	Soft Microelectrode Arrays as SECM Probes for Biological Samples. ECS Meeting Abstracts, 2012, , .	0.0	0
208	Study of Amyloid $\beta$ -Peptide ( $A\beta$ <sup>12-28</sup> -Cys) Interactions with Congo Red and $\beta$ -Sheet Breaker Peptides Using Electrochemical Impedance Spectroscopy. Langmuir, 2012, 28, 6377-6385.	3.5	11
209	Hydrogen evolution across nano-Schottky junctions at carbon supported MoS <sub>2</sub> catalysts in biphasic liquid systems. Chemical Communications, 2012, 48, 6484.	4.1	113
210	Interfacial Self-Assembly of Water-Soluble Cationic Porphyrins for the Reduction of Oxygen to Water. Angewandte Chemie - International Edition, 2012, 51, 6447-6451.	13.8	15
211	Ion transfer across the water   trifluorotoluene interface. Electrochemistry Communications, 2012, 19, 101-104.	4.7	43
212	Total serum IgE quantification by microfluidic ELISA using magnetic beads. Analytical and Bioanalytical Chemistry, 2012, 402, 2645-2653.	3.7	27
213	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
214	Ion current rectification and rectification inversion in conical nanopores: a perm-selective view. Physical Chemistry Chemical Physics, 2011, 13, 5430.	2.8	74
215	Characterization of efficient proteolysis by trypsin loaded macroporous silica. Molecular BioSystems, 2011, 7, 2890.	2.9	16
216	Photocurrents at polarized liquid   liquid interfaces enhanced by a gold nanoparticle film. Physical Chemistry Chemical Physics, 2011, 13, 17704.	2.8	29

#	ARTICLE	IF	CITATIONS
217	Ring magnets for magnetic beads trapping in a capillary. <i>Analytical Methods</i> , 2011, 3, 614.	2.7	4
218	Phosphorylation of $\alpha$ -Synuclein at Y125 and S129 Alters Its Metal Binding Properties: Implications for Understanding the Role of $\alpha$ -Synuclein in the Pathogenesis of Parkinson's Disease and Related Disorders. <i>ACS Chemical Neuroscience</i> , 2011, 2, 667-675.	3.5	97
219	Melittin Adsorption and Lipid Monolayer Disruption at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2011, 27, 13918-13924.	3.5	27
220	Orthogonality of Two-Dimensional Separations Based on Conditional Entropy. <i>Analytical Chemistry</i> , 2011, 83, 7676-7681.	6.5	32
221	Microfluidic Push-Pull Probe for Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2011, 83, 5275-5282.	6.5	62
222	Four-Electron Oxygen Reduction by Tetrathiafulvalene. <i>Journal of the American Chemical Society</i> , 2011, 133, 12115-12123.	13.7	56
223	Fine tuning of the catalytic effect of a metal-free porphyrin on the homogeneous oxygen reduction. <i>Chemical Communications</i> , 2011, 47, 5446-5448.	4.1	31
224	Magnetic core shell nanoparticles trapping in a microdevice generating high magnetic gradient. <i>Lab on a Chip</i> , 2011, 11, 833.	6.0	29
225	Scan-Rate-Dependent Ion Current Rectification and Rectification Inversion in Charged Conical Nanopores. <i>Journal of the American Chemical Society</i> , 2011, 133, 14496-14499.	13.7	82
226	Copper-Catalyzed Tyrosine Nitration. <i>Journal of the American Chemical Society</i> , 2011, 133, 19823-19831.	13.7	63
227	Seeing Big with Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2011, 83, 1493-1499.	6.5	60
228	Hydrogen evolution catalyzed by electrodeposited nanoparticles at the liquid/liquid interface. <i>Chemical Communications</i> , 2011, 47, 5548-5550.	4.1	84
229	Artificial Photosynthesis at Soft Interfaces. <i>Chimia</i> , 2011, 65, 356.	0.6	8
230	LEPA: From Proteomics to Energy Conversion. <i>Chimia</i> , 2011, 65, 672-676.	0.6	0
231	Hydrogen evolution at polarised liquid/liquid interfaces catalyzed by molybdenum disulfide. <i>Energy and Environmental Science</i> , 2011, 4, 4246.	30.8	76
232	Surface second harmonic generation from coumarin 343 dye-attached TiO <sub>2</sub> nanoparticles at liquid-liquid interface. <i>Journal of Nanoparticle Research</i> , 2011, 13, 7057-7064.	1.9	4
233	Bubble cell for magnetic bead trapping in capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 3239-3248.	3.7	1
234	Ga <sub>2</sub> O <sub>3</sub> photocatalyzed online tagging of cysteine to facilitate peptide mass fingerprinting. <i>Proteomics</i> , 2011, 11, 3501-3509.	2.2	12

#	ARTICLE	IF	CITATIONS
235	Evaluation of Gibbs Energy of Dioxouranium Transfer at an Electrified Liquid   Liquid Interface Supported on a Microhole. <i>Electroanalysis</i> , 2011, 23, 2677-2686.	2.9	12
236	Highly sensitive protein analysis by FESI-CE-MALDI-MS. <i>Electrophoresis</i> , 2011, 32, 1795-1803.	2.4	21
237	Interfacial Photoreduction of Supercritical CO <sub>2</sub> by an Aqueous Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7391-7394.	13.8	59
238	Interfacial Complexation Reactions of Sr <sup>2+</sup> with Octyl(phenyl)diisobutylcarbamoylmethylphosphine Oxide for Understanding Its Extraction in Reprocessing Spent Nuclear Fuels. <i>Chemistry - A European Journal</i> , 2011, 17, 13206-13216.	3.3	34
239	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
240	Room temperature ionic liquids based on cationic porphyrin derivatives and tetrakis(pentafluorophenyl)borate anion. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 560-574.	0.8	17
241	Electrochemical Reactions and Ionization Processes. <i>European Journal of Mass Spectrometry</i> , 2010, 16, 341-349.	1.0	13
242	Surface plasmon resonance of gold nanoparticles assemblies at liquid   liquid interfaces. <i>Nanoscale</i> , 2010, 2, 1665.	5.6	26
243	Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. <i>Chemical Communications</i> , 2010, 46, 2918.	4.1	59
244	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid   Liquid Interfaces. <i>ChemPhysChem</i> , 2010, 11, 2979-2984.	2.1	23
245	Monolithic and Flexible Polyimide Film Microreactors for Organic Microchemical Applications Fabricated by Laser Ablation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7063-7067.	13.8	65
246	Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 102-108.	3.8	40
247	Voltammetric determination of extreme standard Gibbs ion transfer energy. <i>Journal of Electroanalytical Chemistry</i> , 2010, 644, 60-66.	3.8	106
248	Electrochemical properties of gold nanoparticles assembly at polarised liquid   liquid interfaces. <i>Electrochemistry Communications</i> , 2010, 12, 912-915.	4.7	38
249	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
250	Interfacial Complexes between a Protein and Lipophilic Ions at an Oil~Water Interface. <i>Analytical Chemistry</i> , 2010, 82, 7699-7705.	6.5	47
251	Soft Microelectrode Linear Array for Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2010, 82, 10037-10044.	6.5	43
252	Nanomaterial-assisted laser desorption ionization for mass spectrometry-based biomedical analysis. <i>Nanomedicine</i> , 2010, 5, 1641-1652.	3.3	23

#	ARTICLE	IF	CITATIONS
253	Molecular electrocatalysis at soft interfaces. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15163.	2.8	82
254	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
255	Electrochemical Aspects of Electrospray and Laser Desorption/Ionization for Mass Spectrometry. <i>Annual Review of Analytical Chemistry</i> , 2010, 3, 231-254.	5.4	40
256	Copper(i) and copper(ii) binding to Î²-amyloid 16 (AÎ²16) studied by electrospray ionization mass spectrometry. <i>Metallomics</i> , 2010, 2, 474.	2.4	42
257	Formation and study of single metal ion-phospholipid complexes in biphasic electrospray ionization mass spectrometry. <i>Metallomics</i> , 2010, 2, 400.	2.4	15
258	Controlling the specific enrichment of multi-phosphorylated peptides on oxide materials: aluminium foil as a target plate for laser desorption ionization mass spectrometry. <i>Chemical Science</i> , 2010, 1, 374.	7.4	27
259	Fountain pen for scanning electrochemical microscopy. <i>Analytical Methods</i> , 2010, 2, 817.	2.7	30
260	Electrochemistry at Liquid-Liquid Interfaces. <i>Electroanalytical Chemistry, A Series of Advances</i> , 2010, 1-104.	1.7	34
261	Proton Pump for O <sub>2</sub> Reduction Catalyzed by 5,10,15,20-Tetraphenylporphyrinatocobalt(II). <i>Chemistry - A European Journal</i> , 2009, 15, 2335-2340.	3.3	61
262	Photocatalytic Redox Reactions for In-source Peptide Fragmentation. <i>Chemistry - A European Journal</i> , 2009, 15, 6711-6717.	3.3	18
263	Hydrogen Evolution at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5139-5142.	13.8	77
264	Fast Ion Transfer Processes at Nanoscopic Liquid/Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8010-8013.	13.8	91
265	Adsorbed protein detection by scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2009, 635, 69-74.	3.8	16
266	Magnetic track array for efficient bead capture in microchannels. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 747-757.	3.7	12
267	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
268	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
269	Voltammetry for surface-active ions at polarisable liquid liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2009, 634, 82-89.	3.8	14
270	Iontophoretic Fraction Collection for Coupling Capillary Zone Electrophoresis with Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 3867-3872.	6.5	32



#	ARTICLE	IF	CITATIONS
271	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
272	A Phospho-Directed Macroporous Alumina-Silica Nanoreactor with Multi-Functions. <i>ACS Nano</i> , 2009, 3, 3656-3662.	14.6	70
273	Kinetics of Proteolytic Reactions in Nanoporous Materials. <i>Journal of Proteome Research</i> , 2009, 8, 4685-4692.	3.7	47
274	Amperometric tape ion sensors for cadmium(II) ion analysis. <i>Talanta</i> , 2009, 78, 66-70.	5.5	33
275	TiO <sub>2</sub> Printed Aluminum Foil: Single-Use Film for a Laser Desorption/Ionization Target Plate. <i>Analytical Chemistry</i> , 2009, 81, 1177-1183.	6.5	46
276	Sandwich mixer-reactor: influence of the diffusion coefficient and flow rate ratios. <i>Lab on A Chip</i> , 2009, 9, 440-448.	6.0	11
277	Soft Stylus Probes for Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2009, 81, 6889-6896.	6.5	53
278	SECM for imaging and detection of latent fingerprints. <i>Analyst, The</i> , 2009, 134, 25-30.	3.5	86
279	Magnetic forces produced by rectangular permanent magnets in static microsystems. <i>Lab on A Chip</i> , 2009, 9, 2356.	6.0	65
280	The role of copper in cysteine oxidation: study of intra- and inter-molecular reactions in mass spectrometry. <i>Metallomics</i> , 2009, 1, 157-165.	2.4	52
281	Functional electrospray emitters. <i>Analyst, The</i> , 2009, 134, 2189.	3.5	37
282	Polycarbonate microchannel network with carpet of Gold NanoWires as SERS-active device. <i>Lab on A Chip</i> , 2009, 9, 1806.	6.0	45
283	About the Electrospray Ionization Source in Mass Spectrometry: Electrochemistry and On-chip Reactions. <i>Chimia</i> , 2009, 63, 283.	0.6	5
284	Human Fingerprint Imaging by Scanning ElectroChemical Microscopy (SECM). <i>Chimia</i> , 2009, 63, 580.	0.6	10
285	Microfluidic enzymatic reactors for proteome research. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 227-229.	3.7	15
286	Nanomosaic Network for the Detection of Proteins Without Direct Electrical Contact. <i>Small</i> , 2008, 4, 802-809.	10.0	12
287	Electrokinetic supercharging for highly efficient peptide preconcentration in capillary zone electrophoresis. <i>Electrophoresis</i> , 2008, 29, 1565-1572.	2.4	43
288	Capillary electrophoresis immunoassay using magnetic beads. <i>Electrophoresis</i> , 2008, 29, 3414-3421.	2.4	33

#	ARTICLE	IF	CITATIONS
289	MALDI In-source Photooxidation Reactions for Online Peptide Tagging. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2646-2648.	13.8	37
290	H <sub>2</sub> O <sub>2</sub> Generation by Decamethylferrocene at a Liquid   Liquid Interface. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4675-4678.	13.8	84
291	On-line electrogeneration of copper-peptide complexes in microspray mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 560-568.	2.8	34
292	Porphyrin Mille-Feuilles photo-electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 322-329.	3.8	2
293	Generation of OH radicals at palladium oxide nanoparticle modified electrodes, and scavenging by fluorescent probes and antioxidants. <i>Journal of Electroanalytical Chemistry</i> , 2008, 619-620, 131-136.	3.8	28
294	Integration of various stacking processes in carrier ampholyte-based capillary electrophoresis. <i>Journal of Chromatography A</i> , 2008, 1182, 226-232.	3.7	16
295	SECM photography. <i>Electrochemistry Communications</i> , 2008, 10, 714-718.	4.7	5
296	Protoporphyrin IX sensitized titanium oxide gel electrode. <i>Inorganica Chimica Acta</i> , 2008, 361, 746-760.	2.4	6
297	Electroacoustic Polymer Microchip as an Alternative to Quartz Crystal Microbalance for Biosensor Development. <i>Analytical Chemistry</i> , 2008, 80, 8900-8907.	6.5	14
298	Magnetic Beads Based Immunoaffinity Capillary Electrophoresis of Total Serum IgE with Laser-Induced Fluorescence Detection. <i>Analytical Chemistry</i> , 2008, 80, 9583-9588.	6.5	46
299	In-source photocatalytic reduction of disulfide bonds during laser desorption ionization. <i>Chemical Communications</i> , 2008, , 6357.	4.1	23
300	Evidence of tetraphenylporphyrin monoacids by ion-transfer voltammetry at polarized liquid   liquid interfaces. <i>Chemical Communications</i> , 2008, , 5037.	4.1	38
301	Peptide-Phospholipid Complex Formation at Liquid-Liquid Interfaces. <i>Analytical Chemistry</i> , 2008, 80, 9499-9507.	6.5	31
302	Nanoporous Photocathode and Photoanode Made by Multilayer Assembly of Quantum Dots. <i>ACS Nano</i> , 2008, 2, 984-992.	14.6	34
303	Microfabricated Dual Sprayer for On-Line Mass Tagging of Phosphopeptides. <i>Analytical Chemistry</i> , 2008, 80, 2531-2538.	6.5	37
304	Electrospray Micromixer Chip for On-Line Derivatization and Kinetic Studies. <i>Analytical Chemistry</i> , 2008, 80, 3372-3378.	6.5	25
305	Biphasic Electrospray Ionization for the Study of Interfacial Complexes. <i>Analytical Sciences</i> , 2008, 24, 1399-1404.	1.6	16
306	Gold Nanoparticle Assembly Microfluidic Reactor for Efficient On-line Proteolysis. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1428-1436.	3.8	67

#	ARTICLE	IF	CITATIONS
307	Functionalized Liquid-Liquid Interfaces. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 370301.	1.8	2
308	SECM imaging of MMD-enhanced latent fingerprints. <i>Chemical Communications</i> , 2007, , 3948.	4.1	50
309	Second harmonic generation response by gold nanoparticles at the polarized water/2-octanone interface: from dispersed to aggregated particles. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 375108.	1.8	14
310	Electroacoustic miniaturized DNA-biosensor. <i>Lab on A Chip</i> , 2007, 7, 1607.	6.0	15
311	Scanning Electrochemical Microscopy as a Readout Tool for Protein Electrophoresis. <i>Analytical Chemistry</i> , 2007, 79, 4833-4839.	6.5	31
312	Modeling the Isoelectric Focusing of Peptides in an OFFGEL Multicompartment Cell. <i>Journal of Proteome Research</i> , 2007, 6, 1666-1676.	3.7	37
313	Controlled Reversible Adsorption of Core-Shell Metallic Nanoparticles at the Polarized Water/1,2-Dichloroethane Interface Investigated by Optical Second-Harmonic Generation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8849-8855.	3.1	20
314	Capillary Electrophoresis as a Second Dimension to Isoelectric Focusing for Peptide Separation. <i>Analytical Chemistry</i> , 2007, 79, 5949-5955.	6.5	24
315	Specific On-Plate Enrichment of Phosphorylated Peptides for Direct MALDI-TOF MS Analysis. <i>Journal of Proteome Research</i> , 2007, 6, 4763-4769.	3.7	88
316	Gel-free IEF in a membrane-sealed multicompartment cell for proteome prefractionation. <i>Electrophoresis</i> , 2007, 28, 1860-1866.	2.4	8
317	On-column conductivity detection in capillary-chip electrophoresis. <i>Electrophoresis</i> , 2007, 28, 4612-4619.	2.4	7
318	Fingerprint imaging by scanning electrochemical microscopy. <i>Electrochemistry Communications</i> , 2007, 9, 1778-1782.	4.7	53
319	Electrochemical generation of Cu(I) complexes in aqueous solutions studied by on-line mass spectrometry. <i>Electrochemistry Communications</i> , 2007, 9, 2067-2074.	4.7	25
320	Detection of proteins on membranes and in microchannels using copper staining combined with scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2007, 599, 349-355.	3.8	13
321	3D-ITIES supported on porous reticulated vitreous carbon. <i>Journal of Electroanalytical Chemistry</i> , 2007, 604, 65-71.	3.8	7
322	Diagonal chromatographic selection of cysteinyl peptides modified with benzoquinones. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 841-849.	3.7	3
323	CdSe Sensitized Thin Aqueous Films: Probing the Potential Distribution Inside Multilayer Assemblies. <i>Langmuir</i> , 2006, 22, 10652-10658.	3.5	9
324	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

#	ARTICLE	IF	CITATIONS
325	Probing Cysteine Reactivity in Proteins by Mass Spectrometric EC-Tagging. <i>Journal of Proteome Research</i> , 2006, 5, 793-800.	3.7	39
326	Hot Adsorbate-Induced Retardation of the Internal Thermalization of Nonequilibrium Electrons in Adsorbate-Covered Metal Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4519-4523.	2.6	27
327	Antioxidant Redox Sensors Based on DNA Modified Carbon Screen-Printed Electrodes. <i>Analytical Chemistry</i> , 2006, 78, 6879-6884.	6.5	50
328	Nanowires Network for Biomolecular Detection Using Contactless Impedance Tomoscopy Technique. <i>Analytical Chemistry</i> , 2006, 78, 5289-5295.	6.5	29
329	Shake, rattle and roll. <i>Nature Materials</i> , 2006, 5, 851-852.	27.5	24
330	Role of adsorbates on dynamics of hot-electron (type I and II) thermalization within gold nanoparticles. <i>Comptes Rendus Chimie</i> , 2006, 9, 261-267.	0.5	11
331	Multilayer-Assembled Microchip for Enzyme Immobilization as Reactor Toward Low-Level Protein Identification. <i>Analytical Chemistry</i> , 2006, 78, 801-808.	6.5	126
332	Immobilized pH Gradient Gel Cell To Study the pH Dependence of Drug Lipophilicity. <i>Analytical Chemistry</i> , 2006, 78, 1503-1508.	6.5	25
333	Interfacial behavior of sulforhodamine 101 at the polarized water/1,2-dichloroethane interface studied by spectroelectrochemical techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 633-638.	3.7	17
334	Assembly-Controlled Biocompatible Interface on a Microchip: Strategy to Highly Efficient Proteolysis. <i>Chemistry - A European Journal</i> , 2006, 12, 6585-6591.	3.3	52
335	Multitrack electrospray chips. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1484-1490.	1.6	28
336	2-Dimensional Porphyrin Self-Assemblies at Molecular Interfaces. <i>Langmuir</i> , 2006, 22, 1112-1120.	3.5	9
337	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
338	A generalised model for dynamic photocurrent responses at dye-sensitised liquid   liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2005, 577, 323-337.	3.8	19
339	Adsorption and photoreactivity of CdSe nanoparticles at liquid   liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2005, 583, 241-247.	3.8	42
340	Size dependence investigations of hot electron cooling dynamics in metal/adsorbates nanoparticles. <i>Chemical Physics</i> , 2005, 319, 409-421.	1.9	18
341	Numerical simulation of two-phase partition chromatography in microchannels for moderated logP measurements. <i>Journal of Chromatography A</i> , 2005, 1063, 89-97.	3.7	3
342	Self-assembled organic monolayers on gold nanoparticles: A study by sum-frequency generation combined with UV-vis spectroscopy. <i>Electrochimica Acta</i> , 2005, 50, 3101-3110.	5.2	34

#	ARTICLE	IF	CITATIONS
343	On-line counting of cysteine residues in peptides during electrospray ionization by electrogenerated tags and their application to protein identification. <i>Electrophoresis</i> , 2005, 26, 238-247.	2.4	39
344	Salt removal during Off-Gel? electrophoresis of protein samples. <i>Electrophoresis</i> , 2005, 26, 1650-1658.	2.4	9
345	Chip electrospray mass spectrometry for carbohydrate analysis. <i>Electrophoresis</i> , 2005, 26, 3650-3673.	2.4	56
346	Editorial: Microfluidics in system biology. <i>Electrophoresis</i> , 2005, 26, 3593-3593.	2.4	0
347	Study of peptide on-line complexation with transition-metal ions generated from sacrificial electrodes in thin-chip polymer microsprays. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1183-1190.	1.5	22
348	Absolute Standard Redox Potential of Monolayer-Protected Gold Nanoclusters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11427-11431.	2.6	41
349	Copper Staining/Labeling and Scanning Electrochemical Microscopy Readout of Proteins on Poly(vinylidene difluoride) Membranes. <i>Chimia</i> , 2005, 59, 105-108.	0.6	7
350	Time-resolved total internal reflection fluorescence spectroscopy : Part I. Photophysics of Coumarin 343 at liquid/liquid interface. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 3457.	2.8	22
351	Concluding remarks. <i>Faraday Discussions</i> , 2005, 129, 367.	3.2	0
352	Electrochemical multi-tagging of cysteinyl peptides during microspray mass spectrometry: numerical simulation of consecutive reactions in a microchannel. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 4054.	2.8	18
353	Thin chip microsprinter system coupled to quadrupole time-of-flight mass spectrometer for glycoconjugate analysis. <i>Lab on A Chip</i> , 2005, 5, 298.	6.0	39
354	Protein adsorption in static microsystems: effect of the surface to volume ratio. <i>Lab on A Chip</i> , 2005, 5, 254.	6.0	40
355	Antioxidant Sensors Based on DNA-Modified Electrodes. <i>Analytical Chemistry</i> , 2005, 77, 7687-7694.	6.5	106
356	Redox Properties of Self-Assembled Gold Nanoclusters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23925-23929.	2.6	25
357	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
358	Supercapacitive Admittance Tomoscopy. <i>Journal of the American Chemical Society</i> , 2005, 127, 13300-13304.	13.7	24
359	Dynamic protein adsorption in microchannels by stop-flow and continuous flow. <i>Lab on A Chip</i> , 2005, 5, 1096.	6.0	37
360	Size-selective separation of gold nanoparticles using isoelectric focusing electrophoresis (IEF). <i>Chemical Communications</i> , 2005, , 787.	4.1	57

#	ARTICLE	IF	CITATIONS
361	Pure surface plasmon resonance enhancement of the first hyperpolarizability of gold core-silver shell nanoparticles. <i>Journal of Chemical Physics</i> , 2004, 121, 12577.	3.0	31
362	Passive Conductivity Detection for Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2004, 76, 3126-3131.	6.5	30
363	Flow-rate characterization of microfabricated polymer microspray emitters. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1614-1620.	1.5	17
364	A thin chip microsyringe system coupled to Fourier transform ion cyclotron resonance mass spectrometry for glycopeptide screening. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2913-2920.	1.5	32
365	Polyelectrolyte-modified short microchannel for cation separation. <i>Electrophoresis</i> , 2004, 25, 931-935.	2.4	28
366	Ag <sup>+</sup> transfer across the water/1,2-dichloroethane interface facilitated by complex formation with tetraphenylborate derivatives. <i>Electrochimica Acta</i> , 2004, 49, 263-270.	5.2	26
367	Specific adsorption of tetraalkylammonium cations on the 1,2-dichloroethane/water interface. <i>Electrochimica Acta</i> , 2004, 50, 135-139.	5.2	10
368	Hydrovoltaic cells. Part II: Thermogalvanic cells and numerical simulations of thermal diffusion potentials. <i>Journal of Electroanalytical Chemistry</i> , 2004, 565, 65-75.	3.8	12
369	Numerical simulations of linear scan anodic stripping voltammetry at a modified square array of hemispherical microelectrodes located in a thin-layer cell. <i>Journal of Electroanalytical Chemistry</i> , 2004, 566, 147-158.	3.8	6
370	On-line cysteine modification for protein analysis: new probes for electrochemical tagging nanospray mass spectrometry. <i>Journal of Electroanalytical Chemistry</i> , 2004, 570, 187-199.	3.8	31
371	Generation of mass tags by the inherent electrochemistry of electrospray for protein mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1767-1779.	2.8	50
372	Detection of proteins on poly(vinylidene difluoride) membranes by scanning electrochemical microscopy. <i>Electrochemistry Communications</i> , 2004, 6, 1217-1221.	4.7	28
373	Why the move to microfluidics for protein analysis?. <i>Current Opinion in Biotechnology</i> , 2004, 15, 31-37.	6.6	107
374	A flexible sample introduction method for polymer microfluidic chips using a push/pull pressure pump. <i>Lab on A Chip</i> , 2004, 4, 512.	6.0	28
375	Electrochemical and theoretical aspects of electrospray ionisation. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 3056.	2.8	77
376	The pH dependent adsorption of Coumarin 343 at the water/dichloroethane interface. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 3140.	2.8	20
377	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
378	Effect of the Phase Volume Ratio on the Potential of a Liquid-Membrane Ion-Selective Electrode. <i>Analytical Chemistry</i> , 2004, 76, 4150-4155.	6.5	3

#	ARTICLE	IF	CITATIONS
379	A Comparison of the Solvation Properties of 2-Nitrophenyloctyl Ether, Nitrobenzene, and n-Octanol as Assessed by Ion Transfer Experiments. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4565-4572.	2.6	73
380	Hyper-Rayleigh scattering of gold nanorods and their relationship with linear assemblies of gold nanospheres. <i>Faraday Discussions</i> , 2004, 125, 145.	3.2	36
381	Ultrafast chemical interface scattering as an additional decay channel for nascent nonthermal electrons in small metal nanoparticles. <i>Journal of Chemical Physics</i> , 2004, 120, 9302-9315.	3.0	68
382	Ion amperometry at the interface between two immiscible electrolyte solutions in view of realizing the amperometric ion-selective electrode. <i>Talanta</i> , 2004, 63, 21-32.	5.5	96
383	On-line electrochemical tagging of free cysteines during nanospray ionisation for mass spectrometry analysis. , 2004, , .		1
384	On-line Electrochemical Tagging of Free Cysteines in Peptides during Nanospray Ionisation Mass Spectrometry: An Overview. <i>Chimia</i> , 2004, 58, 204-207.	0.6	15
385	Water-oil partition profiling of ionized drug molecules using cyclic voltammetry and a 96-well microfilter plate system. <i>Pharmaceutical Research</i> , 2003, 20, 1317-1322.	3.5	42
386	Partition Coefficients of Ionizable Compounds in o-Nitrophenyl Octyl Ether/Water Measured by the Potentiometric Method. <i>Analytical Chemistry</i> , 2003, 75, 7036-7039.	6.5	22
387	Organisation and Reactivity of Nanoparticles at Molecular Interfaces. Part II. Dye Sensitisation of TiO <sub>2</sub> Nanoparticles Assembled at the Water   1,2-Dichloroethane Interface. <i>ChemPhysChem</i> , 2003, 4, 85-89.	2.1	22
388	Mechanistic Aspects of On-Line Electrochemical Tagging of Free L-Cysteine Residues during Electrospray Ionisation for Mass Spectrometry in Protein Analysis. <i>ChemPhysChem</i> , 2003, 4, 200-206.	2.1	38
389	Solvatochromic Analysis of Partition Coefficients in the o-Nitrophenyl Octyl Ether (o-NPOE)/Water System. <i>Helvetica Chimica Acta</i> , 2003, 86, 3533-3547.	1.6	26
390	Microfluidic systems in proteomics. <i>Electrophoresis</i> , 2003, 24, 3533-3562.	2.4	250
391	Protein fractionation in a multicompartiment device using Off-Gel, isoelectric focusing. <i>Electrophoresis</i> , 2003, 24, 3-11.	2.4	155
392	Ein Chip-Mikrospraysystem für die hochauflösende Fourier-Transformations-Ionenzyklotronresonanz-Massenspektrometrie von Biopolymeren. <i>Angewandte Chemie</i> , 2003, 115, 55-60.	2.0	13
393	Thin-Chip Microspray System for High-Performance Fourier-Transform Ion-Cyclotron Resonance Mass Spectrometry of Biopolymers. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 53-58.	13.8	58
394	Photoinduced electron transfer at liquid   liquid interfaces. Part VII. Correlation between self-organisation and structure of water-soluble photoactive species. <i>Journal of Electroanalytical Chemistry</i> , 2003, 560, 143-149.	3.8	18
395	On-chip protein sample desalting and preparation for direct coupling with electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1003, 11-19.	3.7	89
396	Hydro-voltaic cells. <i>Journal of Electroanalytical Chemistry</i> , 2003, 545, 1-6.	3.8	27

#	ARTICLE	IF	CITATIONS
397	Contact Galvani potential differences at liquid-liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2003, 546, 1-13.	3.8	31
398	Thermodynamic analysis of the cation binding to a phosphatidylcholine monolayer at a polarised interface between two immiscible electrolyte solutions. <i>Electrochemistry Communications</i> , 2003, 5, 98-103.	4.7	26
399	Photoinduced Electron Transfer at Liquid   Liquid Interfaces: Dynamics of the Heterogeneous Photoreduction of Quinones by Self-Assembled Porphyrin Ion Pairs. <i>Journal of the American Chemical Society</i> , 2003, 125, 4862-4869.	13.7	43
400	Adsorption and Aggregation of meso-Tetrakis(4-carboxyphenyl)porphyrinato Zinc(II) at the Polarized Water   1,2-Dichloroethane Interface. <i>Journal of Physical Chemistry B</i> , 2003, 107, 786-790.	2.6	54
401	Numerical Investigation of an Electrochemically Induced Tagging in a Nanospray for Protein Analysis. <i>Analytical Chemistry</i> , 2003, 75, 2065-2074.	6.5	25
402	Determination of the Entropy of Ion Transfer between Two Immiscible Liquids Using the Water   Oil   Water Thermocouple. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9829-9836.	2.6	22
403	Standard partition coefficients of anionic drugs in the n-octanol/water system determined by voltammetry at three-phase electrodes. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3748-3751.	2.8	85
404	Thin-chip microspray system for high-performance Fourier-transform ion-cyclotron resonance mass spectrometry of biopolymers. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 54-8.	13.8	6
405	Organization and Reactivity of Nanoparticles at Molecular Interfaces. Part I. Photoelectrochemical Responses Involving TiO <sub>2</sub> Nanoparticles Assembled at Polarizable Water   1,2-Dichloroethane Junctions. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10908-10914.	2.6	49
406	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
407	Photoinduced Electron Transfer at Liquid/Liquid Interfaces. Part VI. On the Thermodynamic Driving Force Dependence of the Phenomenological Electron-Transfer Rate Constant. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3428-3433.	2.6	75
408	Finite Element Simulation of Pinched Pressure-Driven Flow Injection in Microchannels. <i>Analytical Chemistry</i> , 2002, 74, 6205-6215.	6.5	19
409	Mixing Processes in a Zigzag Microchannel: Finite Element Simulations and Optical Study. <i>Analytical Chemistry</i> , 2002, 74, 4279-4286.	6.5	425
410	A ceramic electrochemical microreactor for the methoxylation of methyl-2-furoate with direct mass spectrometry coupling. <i>Lab on A Chip</i> , 2002, 2, 39.	6.0	37
411	Plasma etched polymer microelectrochemical systems. <i>Lab on A Chip</i> , 2002, 2, 145.	6.0	77
412	Second harmonic generation study of myoglobin and hemoglobin and their protoporphyrin IX chromophore at the water/1,2-dichloroethane interface. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4774-4781.	2.8	35
413	Photocurrent responses at dye sensitised ultrathin polyelectrolyte multilayers supported on gold electrodes. <i>Chemical Communications</i> , 2002, , 1240-1241.	4.1	15
414	Pressure pinched injection of nanolitre volumes in planar micro-analytical devices. <i>Lab on A Chip</i> , 2002, 2, 45.	6.0	43



#	ARTICLE	IF	CITATIONS
415	Lipophilicity and Solvation of Anionic Drugs. <i>Chemistry - A European Journal</i> , 2002, 8, 3478.	3.3	87
416	Polymer microchips bonded by O <sub>2</sub> -plasma activation. <i>Electrophoresis</i> , 2002, 23, 782-790.	2.4	95
417	Finite element simulation of Off-Gel trade mark buffering. <i>Electrophoresis</i> , 2002, 23, 3253-3261.	2.4	32
418	Integration of a membrane-based desalting step in a microfabricated disposable polymer injector for mass spectrometric protein analysis. <i>Electrophoresis</i> , 2002, 23, 3583-3588.	2.4	43
419	Protein purification by Off-Gel electrophoresis. <i>Proteomics</i> , 2002, 2, 151-156.	2.2	119
420	Microfabricated polymer injector for direct mass spectrometry coupling. <i>Proteomics</i> , 2002, 2, 405.	2.2	92
421	On-line electrochemical tagging of cysteines in proteins during nanospray. <i>Electrochemistry Communications</i> , 2002, 4, 695-700.	4.7	65
422	Transfer and adsorption of 1-pyrene sulfonate at the water/1,2-dichloroethane interface studied by potential modulated fluorescence spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2002, 518, 1-5.	3.8	23
423	Ionode detection and capillary electrophoresis integrated on a polymer micro-chip. <i>Journal of Electroanalytical Chemistry</i> , 2002, 523, 40-48.	3.8	12
424	Cyclic voltammetry of highly hydrophilic ions at a supported liquid membrane. <i>Journal of Electroanalytical Chemistry</i> , 2002, 530, 10-15.	3.8	54
425	Contact Galvani potential differences at liquid/liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2002, 537, 77-84.	3.8	23
426	Surface Second Harmonic Generation of Cationic Water-Soluble Porphyrins at the Polarized Water   1,2-Dichloroethane Interface. <i>Langmuir</i> , 2002, 18, 6647-6652.	3.5	49
427	Theoretical and experimental exploration of the lipophilicity of zwitterionic drugs in the 1,2-dichloroethane/water system. <i>Pharmaceutical Research</i> , 2002, 19, 1150-1159.	3.5	37
428	Enzyme linked immunosorbent assay on a microchip with electrochemical detection. <i>Lab on A Chip</i> , 2001, 1, 153.	6.0	160
429	A Kinetic Model for Adsorption and Transfer of Ionic Species at Polarized Liquid   Liquid Interfaces as Studied by Potential Modulated Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2001, 105, 9463-9473.	2.6	64
430	Polymer Microspray with an Integrated Thick-Film Microelectrode. <i>Analytical Chemistry</i> , 2001, 73, 5353-5357.	6.5	88
431	Selective structure changes of core-shell gold-silver nanoparticles by laser irradiation: homogenisation vs. silver removal. <i>Chemical Communications</i> , 2001, , 829-830.	4.1	57
432	Photoinduced electron transfer at liquid/liquid interfaces. Part V. Organisation of water-soluble chlorophyll at the water/1,2-dichloroethane interface. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2503-2508.	2.8	22

#	ARTICLE	IF	CITATIONS
433	MicroITIES Detection of Nitrate by Facilitated Ion Transfer. <i>Analytical Chemistry</i> , 2001, 73, 497-503.	6.5	68
434	Electroosmotic Flow in Composite Microchannels and Implications in Microcapillary Electrophoresis Systems. <i>Analytical Chemistry</i> , 2001, 73, 829-836.	6.5	54
435	Generalization of Ionic Partition Diagrams to Lipophilic Compounds and to Biphasic Systems with Variable Phase Volume Ratios. <i>Journal of the American Chemical Society</i> , 2001, 123, 10684-10690.	13.7	65
436	Photomodification of Polymer Microchannels Induced by Static and Dynamic Excimer Ablation: Effect on the Electroosmotic Flow. <i>Analytical Chemistry</i> , 2001, 73, 3845-3853.	6.5	31
437	Voltammetry at a liquid-liquid interface supported on a metallic electrode. <i>Electrochemistry Communications</i> , 2001, 3, 219-223.	4.7	75
438	Voltammetric characterisation of polyelectrolyte adsorption/transfer at the water-1,2-DCE interface. <i>Electrochemistry Communications</i> , 2001, 3, 539-543.	4.7	32
439	Ionic Partition Diagram of the Zwitterionic Antihistamine Cetirizine. <i>Helvetica Chimica Acta</i> , 2001, 84, 375-387.	1.6	31
440	Mercury Free Determination of Lead by Differential Pulse Anodic Stripping Voltammetry onto Silver-Plated Rotograved Carbon Electrodes. <i>Electroanalysis</i> , 2001, 13, 100-103.	2.9	21
441	Surface second harmonic generation from a mercury film electrode electrochemically deposited on an iridium substrate. <i>Journal of Electroanalytical Chemistry</i> , 2001, 500, 365-373.	3.8	4
442	Hydrodynamic approach to ion transfer reactions across an ITIES. <i>Journal of Electroanalytical Chemistry</i> , 2001, 496, 131-136.	3.8	13
443	Cyclic voltammetry at a regular microdisc electrode array. <i>Journal of Electroanalytical Chemistry</i> , 2001, 502, 138-145.	3.8	123
444	Mechanistic aspects associated with the oxidation of l-ascorbic acid at the 1,2-dichloroethane-water interface. <i>Journal of Electroanalytical Chemistry</i> , 2001, 510, 43-49.	3.8	29
445	The apparent lipophilicity of quaternary ammonium ions is influenced by galvanic potential difference, not ion-pairing: a cyclic voltammetry study. <i>Pharmaceutical Research</i> , 2001, 18, 702-708.	3.5	43
446	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. <i>Chemistry - A European Journal</i> , 2000, 6, 3434-3441.	3.3	19
447	A Sensitive Electrochemical Protein Quantification Method. <i>Electroanalysis</i> , 2000, 12, 811-815.	2.9	13
448	Facilitated ion transfer across oil-water interfaces. Part III. Algebraic development and calculation of cyclic voltammetry experiments for the formation of a neutral complex. <i>Journal of Electroanalytical Chemistry</i> , 2000, 483, 135-143.	3.8	20
449	Surface second harmonic generation monitoring of the anion methyl orange during ion transfer reactions across a polarised water-1,2-dichloroethane interface. <i>Journal of Electroanalytical Chemistry</i> , 2000, 483, 29-36.	3.8	30
450	Simulation of the chronoamperometric response of a regular array of micro-disc electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2000, 486, 56-64.	3.8	55

#	ARTICLE	IF	CITATIONS
451	Surface second harmonic generation from a mercury film electrode electrochemically deposited on an iridium substrate. <i>Journal of Electroanalytical Chemistry</i> , 2000, 487, 16-24.	3.8	4
452	Electrophoresis with electrochemical detection in a polymer microdevice. <i>Journal of Electroanalytical Chemistry</i> , 2000, 492, 15-22.	3.8	89
453	Finite element simulation of electrochemical ac diffusional impedance. Application to recessed microdiscs. <i>Journal of Electroanalytical Chemistry</i> , 2000, 492, 1-6.	3.8	20
454	Artificial photosynthesis at liquid   liquid interfaces: photoreduction of benzoquinone by water soluble porphyrin species. <i>Journal of Electroanalytical Chemistry</i> , 2000, 483, 81-87.	3.8	40
455	Two-phase photocatalysis mediated by electrochemically generated Pd nanoparticles. <i>Electrochemistry Communications</i> , 2000, 2, 230-234.	4.7	27
456	Electrochemistry at liquid/liquid interfaces: methodology and potential applications. <i>Electrochimica Acta</i> , 2000, 45, 2647-2662.	5.2	273
457	Finite Element Simulation of an Electroosmotic-Driven Flow Division at a T-Junction of Microscale Dimensions. <i>Analytical Chemistry</i> , 2000, 72, 1987-1993.	6.5	169
458	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. <i>Journal of the American Chemical Society</i> , 2000, 122, 10943-10948.	13.7	47
459	Adsorption Behavior of Charged Zinc Porphyrins at the Water/1,2-Dichloroethane Interface Studied by Potential Modulated Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6869-6876.	2.6	73
460	Pulse Amperometric Detection of Salt Concentrations by Flow Injection Analysis Using Ionodes. <i>Analytical Chemistry</i> , 2000, 72, 5562-5566.	6.5	34
461	Characterization of Protein Adsorption and Immunosorption Kinetics in Photoablated Polymer Microchannels. <i>Langmuir</i> , 2000, 16, 8489-8494.	3.5	64
462	Polymer Micro-Structures: Prototyping, Low-cost Mass Fabrication and Analytical Applications. , 2000, , 159-162.		4
463	Ionic partition diagrams of ionisable drugs: pH-lipophilicity profiles, transfer mechanisms and charge effects on solvation. <i>Journal of Electroanalytical Chemistry</i> , 1999, 462, 235-250.	3.8	113
464	Finite element simulation of ion transfer reactions at a single micro-liquid-liquid interface supported on a thin polymer film. <i>Journal of Electroanalytical Chemistry</i> , 1999, 468, 42-52.	3.8	48
465	Rotograved carbon electrodes for amperometric cadmium and lead determination. <i>Journal of Electroanalytical Chemistry</i> , 1999, 469, 189-195.	3.8	16
466	Solar energy conversion using dye-sensitised liquid   liquid interfaces. <i>Electrochemistry Communications</i> , 1999, 1, 29-32.	4.7	34
467	Marangoni flow in micro-channels. <i>Electrochemistry Communications</i> , 1999, 1, 190-193.	4.7	27
468	Coplanar interdigitated band electrodes for electrosynthesis. Part 6. hypochlorite electrogeneration from sea water electrolysis. <i>Electrochimica Acta</i> , 1999, 44, 2871-2878.	5.2	9

#	ARTICLE	IF	CITATIONS
469	The pH-partition profile of the anti-ischemic drug trimetazidine may explain its reduction of intracellular acidosis. <i>Pharmaceutical Research</i> , 1999, 16, 616-624.	3.5	29
470	Nanocrystalline carbon film electrodes generated and patterned by UV-laser ablation of polystyrene. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 3647-3652.	2.8	9
471	Effects of Charge and Intramolecular Structure on the Lipophilicity of Nitrophenols. <i>Journal of the American Chemical Society</i> , 1999, 121, 1743-1747.	13.7	58
472	Combined molecular lipophilicity descriptors and their role in understanding intramolecular effects. <i>Pharmaceutical Science &amp; Technology Today</i> , 1999, 2, 327-335.	0.7	65
473	Structure-Lipophilicity Relationships of Neutral and Protonated $d^2$ -Blockers, Part I, Intra- and Intermolecular Effects in Isotropic Solvent Systems. <i>Helvetica Chimica Acta</i> , 1999, 82, 1211-1222.	1.6	91
474	Microchannel networks for electrophoretic separations. <i>Electrophoresis</i> , 1999, 20, 727-731.	2.4	111
475	Charge and Delocalisation Effects on the Lipophilicity of Protonable Drugs. <i>Chemistry - A European Journal</i> , 1999, 5, 39-47.	3.3	78
476	Photoinduced Electron Transfer at Liquid/Liquid Interfaces. Part III. Photoelectrochemical Responses Involving Porphyrin Ion Pairs. <i>Journal of the American Chemical Society</i> , 1999, 121, 10203-10210.	13.7	61
477	Photoinduced electron transfer at liquid/liquid interfaces Part II. A study of the electron transfer and recombination dynamics by intensity modulated photocurrent spectroscopy (IMPS). <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 1461-1467.	2.8	130
478	Topography, Crystallinity and Wettability of Photoablated PET Surfaces. <i>Langmuir</i> , 1999, 15, 5173-5178.	3.5	73
479	Electrochemical Detection in Polymer Microchannels. <i>Analytical Chemistry</i> , 1999, 71, 4294-4299.	6.5	141
480	Electrochemical Extraction of Cu(I) and Cu(II) Ions Assisted by 1,4,7,10-Tetrathiacyclododecane. <i>Analytical Chemistry</i> , 1999, 71, 837-841.	6.5	18
481	Size dependence of the surface plasmon enhanced second harmonic response of gold colloids: towards a new calibration method. <i>Chemical Communications</i> , 1999, , 581-582.	4.1	47
482	Mechanism and dynamics of methyl and ethyl orange transfer across the water/1,2-dichloroethane interface. <i>Electrochimica Acta</i> , 1998, 44, 3-13.	5.2	45
483	Facilitated ion transfer reactions across oil   water interfaces. <i>Journal of Electroanalytical Chemistry</i> , 1998, 451, 59-76.	3.8	108
484	Facilitated ion transfer reactions across oil   water interfaces. Part I. Algebraic development and calculation of cyclic voltammetry experiments for successive complex formation. <i>Journal of Electroanalytical Chemistry</i> , 1998, 449, 49-65.	3.8	82
485	Electrochemical extraction of heavy metal ions assisted by cyclic thioether ligands. <i>Journal of Electroanalytical Chemistry</i> , 1998, 451, 29-37.	3.8	55
486	Amperometric detection of alkali metal ions on micro-fabricated composite polymer membranes. <i>Journal of Electroanalytical Chemistry</i> , 1998, 453, 211-219.	3.8	66

#	ARTICLE	IF	CITATIONS
487	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. <i>Journal of Electroanalytical Chemistry</i> , 1998, 453, 171-177.	3.8	33
488	Spectroelectrochemical approaches to heterogeneous electron transfer reactions at the polarised water & 1,2-dichloroethane interfaces. <i>Journal of Electroanalytical Chemistry</i> , 1998, 458, 139-148.	3.8	77
489	Heterogeneous electron transfer reactions at liquid/liquid interfaces studied by time-resolved absorption spectroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 117, 27-33.	3.9	12
490	Amperometric Ion Detector for Ion Chromatography. <i>Analytical Chemistry</i> , 1998, 70, 4280-4285.	6.5	82
491	Photoinduced Electron Transfer at Liquid/Liquid Interfaces. 1. Photocurrent Measurements Associated with Heterogeneous Quenching of Zinc Porphyrins. <i>Journal of Physical Chemistry B</i> , 1998, 102, 10334-10341.	2.6	80
492	Micropatterning of Biomolecules on Polymer Substrates. <i>Langmuir</i> , 1998, 14, 5526-5531.	3.5	100
493	Second-harmonic generation in the characterization of surface effects in epitaxial layers. <i>Semiconductor Science and Technology</i> , 1998, 13, 1117-1122.	2.0	3
494	Stripping Voltammetric Determination of Choline Based on Micro-Fabricated Composite Membrane.. <i>Analytical Sciences</i> , 1998, 14, 71-77.	1.6	36
495	Studies of water/alcohol and air/alcohol interfaces by second harmonic generation. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 3833-3838.	1.7	22
496	Intermolecular forces expressed in 1,2-dichloroethane & water partition coefficients. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 401-406.	1.7	74
497	UV Laser Machined Polymer Substrates for the Development of Microdiagnostic Systems. <i>Analytical Chemistry</i> , 1997, 69, 2035-2042.	6.5	493
498	Time-Resolved Laser-Induced Fluorescence Study of Photoinduced Electron Transfer at the Water/1,2-Dichloroethane Interface. <i>Journal of Physical Chemistry A</i> , 1997, 101, 2519-2524.	2.5	23
499	Surface plasmon enhanced non-linear optical response of gold nanoparticles at the air/toluene interface. <i>Chemical Communications</i> , 1997, , 1901.	4.1	77
500	Differential cyclic voltabsorptometry and chronoabsorptometry studies of ion transfer reactions at the water   1,2-dichloroethane interface. <i>Journal of Electroanalytical Chemistry</i> , 1997, 420, 35-41.	3.8	36
501	Cyclic voltammetry for the transfer of multiple charged ions at large ITIES: general computational methodology and application to simple and facilitated ion transfer reactions. <i>Journal of Electroanalytical Chemistry</i> , 1997, 424, 121-139.	3.8	41
502	Electrochemical characterisation of liquid   liquid microinterface arrays. <i>Journal of Electroanalytical Chemistry</i> , 1997, 436, 53-64.	3.8	52
503	Amperometric ion sensors based on laser-patterned composite polymer membranes. <i>Journal of Electroanalytical Chemistry</i> , 1997, 440, 73-82.	3.8	77
504	Micro-glassy carbon inks for thick-film electrodes. <i>Electrochimica Acta</i> , 1997, 42, 1883-1894.	5.2	22

#	ARTICLE	IF	CITATIONS
505	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
506	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
507	Ionic Partition Diagrams: A Potential~pH Representation. Journal of the American Chemical Society, 1996, 118, 11951-11957.	13.7	116
508	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
509	Surface second harmonic study of anion adsorption at the mercury   electrolyte interface. Journal of Electroanalytical Chemistry, 1996, 409, 123-129.	3.8	15
510	Excimer laser-induced electrochemical activity in carbon ink films. Journal of Electroanalytical Chemistry, 1996, 417, 5-15.	3.8	35
511	Spectroelectrochemical Studies of Ru(bpy) <sub>3</sub> <sup>2+</sup> at the Water/1,2-Dichloroethane Interface. The Journal of Physical Chemistry, 1996, 100, 10658-10663.	2.9	43
512	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
513	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
514	The liquid-liquid micro-interface for the amperometric detection of urea. Electroanalysis, 1995, 7, 714-721.	2.9	37
515	The micro water/1,2-dichloroethane interface as a transducer for creatinine assay. Mikrochimica Acta, 1995, 117, 175-185.	5.0	38
516	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
517	Solvent reorganization energy for heterogeneous electron-transfer reactions at liquid   liquid interfaces. Journal of Electroanalytical Chemistry, 1995, 388, 93-100.	3.8	19
518	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
519	Coplanar interdigitated band electrodes for synthesis Part I: Ohmic loss evaluation. Journal of Applied Electrochemistry, 1994, 24, 475-480.	2.9	31
520	Coplanar interdigitated band electrodes for electrosynthesis. Journal of Applied Electrochemistry, 1994, 24, 719-724.	2.9	39
521	Printed microelectrode array and amperometric sensor for environmental monitoring. Electrochimica Acta, 1994, 39, 2377-2386.	5.2	60
522	Electrochemical Study of Phase-Transfer Catalysis Reactions: The Williamson ether synthesis. Helvetica Chimica Acta, 1994, 77, 231-242.	1.6	26

#	ARTICLE	IF	CITATIONS
523	Micro-hole interface for the amperometric determination of ionic species in aqueous solutions. <i>Journal of Electroanalytical Chemistry</i> , 1994, 364, 155-161.	3.8	107
524	Nafion® adsorption   anion transfer at the interface between two immiscible electrolyte solutions (ITIES). <i>Journal of Electroanalytical Chemistry</i> , 1994, 370, 287-293.	3.8	22
525	Ion transfer facilitated by the neutral carrier N,N-dicyclohexyl-N,N'-diisobutyl-cis-cyclohexane-1,2-dicarboxamide across the water/1,2-dichloroethane interface. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 4307-4312.	1.7	13
526	Photoinitiated electron-transfer reactions across the interface between two immiscible electrolyte solutions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 207.	1.7	31
527	Potassium transfer facilitated by monoaza-18-crown-6 across the water/1,2-dichloroethane interface. <i>Journal of Electroanalytical Chemistry</i> , 1992, 332, 101-112.	3.8	23
528	Facilitated sodium transfer from aqueous electrolytes to resistive media. <i>Journal of Electroanalytical Chemistry</i> , 1992, 334, 203-211.	3.8	36
529	Amperometric study of immuno-ion-selective electrode responses using biotin-aza-crown-6 ionophore. <i>Bioelectrochemistry</i> , 1992, 28, 459-471.	1.0	3
530	Dual-cylinder microelectrodes. Part 1. Theoretical consideration of the steady-state current. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 2603-2606.	1.7	16
531	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. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 2593.	1.7	113
532	Micropipette as a tool for the determination of the ionic species limiting the potential window at liquid/liquid interfaces. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 305, 135-139.	0.1	72
533	Assisted ion transfer at micro-ITIES supported at the tip of micropipettes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 318, 101-109.	0.1	157
534	Kinetics of the transfer of acetylcholine across the water/nitrobenzene-tetrachloromethane interface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 300, 415-429.	0.1	41
535	Thin film electrode: a new method for the fabrication of submicrometer band electrodes. <i>Electrochimica Acta</i> , 1991, 36, 763-771.	5.2	20
536	Digital simulation of charge transfer to an ultramicrodisc interface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 293, 19-44.	0.1	45
537	Photopolymerisation of ion-selective membranes onto silicon nitride surfaces for ISFET fabrication. <i>Electrochimica Acta</i> , 1990, 35, 777-783.	5.2	16
538	The measurement of ultralow interfacial tension by video digital techniques. <i>Journal of Colloid and Interface Science</i> , 1990, 136, 574-580.	9.4	24
539	Photochemical transfer of tetraaryl ions across the interface between two immiscible electrolyte solutions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 288, 245-261.	0.1	18
540	Further comments on interdigitated microband electrodes: chronoamperometry and steady state currents. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 293, 269-271.	0.1	3

#	ARTICLE	IF	CITATIONS
541	Voltammetry at microITIES supported at the tip of a micropipette. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 296, 491-515.	0.1	76
542	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
543	Thermodynamic analysis of pH-FET and ISFET response. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 2249.	1.7	0
544	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
545	Interdigitated microband electrodes: chronoamperometry and steady state currents. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 266, 227-238.	0.1	34
546	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
547	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
548	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
549	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
550	Photocurrent measurements at the interface between two immiscible electrolyte solutions. Journal of the Chemical Society Chemical Communications, 1988, , 1547.	2.0	17
551	The water/oil/water thermocouple and the ionic seebeck effect. Journal of the Chemical Society Faraday Transactions I, 1988, 84, 2147.	1.0	11
552	Trapping of dopant anions in two-layer polypyrrole films. Journal of the Chemical Society Chemical Communications, 1987, , 1095-1097.	2.0	11
553	Electrochemistry at the interface between two immiscible electrolyte solutions. Electrochimica Acta, 1987, 32, 383-385.	5.2	64
554	Charge effects on phospholipid monolayers in relation to cell motility. Biochimica Et Biophysica Acta - Biomembranes, 1986, 857, 251-258.	2.6	14
555	Ion transfer reactions across a liquid-liquid interface supported on a micropipette tip. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1986, 208, 179-183.	0.1	240
556	A new approach for the definition of galvanic potential scales and ionic gibbs energies of transfer across liquid-liquid interfaces. Electrochimica Acta, 1986, 31, 1341-1342.	5.2	25
557	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
558	Thermodynamics of a polarised interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 170, 127-141.	0.1	72



#	ARTICLE	IF	CITATIONS
559	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
560	Drop image processing for surface and interfacial tension measurements. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1982, 137, 207-217.	0.1	91
561	Soft Probes for Scanning Electrochemical Microscopy. , 0, , 355-371.		0
562	Microfluidic Probes for Scanning Electrochemical Microscopy. , 0, , 373-390.		0
563	Electrochemical Aspects of Drug Partitioning. , 0, , 327-349.		4