

Christian Amatore

List of Publications by Year in descending order

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444
papers

24,302
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times ranked

17342
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#	ARTICLE	IF	CITATIONS
1	Importance of diffusional constraints for the quantitative evaluation of calibration curves of enzymatic micro- and nanoelectrochemical sensors. <i>Electrochimica Acta</i> , 2024, 473, 143425.	5.4	0
2	Nanosensor detection of reactive oxygen and nitrogen species leakage in frustrated phagocytosis of nanofibres. <i>Nature Nanotechnology</i> , 2024, 19, 524-533.	30.5	4
3	Nanoelectrochemistry reveals how soluble $A\beta$ oligomers alter vesicular storage and release of glutamate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.6	10
4	A DFT and SERS study of synergistic roles of thermodynamics and kinetics during the electrocatalytic reduction of benzyl chloride at silver cathodes. <i>Journal of Electroanalytical Chemistry</i> , 2022, 914, 116267.	3.9	5
5	Homeostasis inside Single Activated Phagolysosomes: Quantitative and Selective Measurements of Submillisecond Dynamics of Reactive Oxygen and Nitrogen Species Production with a Nanoelectrochemical Sensor. <i>Journal of the American Chemical Society</i> , 2022, 144, 9723-9733.	14.6	50
6	Systematic assessment of adsorption-coupled electron transfer toward voltammetric discrimination between concerted and non-concerted mechanisms. <i>Electrochimica Acta</i> , 2022, 428, 140912.	5.4	9
7	Modelling diffusion at random arrays of electrodes: Revisiting the Voronoi tessellation concept. <i>Electrochimica Acta</i> , 2021, 365, 137338.	5.4	3
8	Interactive Competition Between Individual Diffusion Layers during Cyclic Voltammetry at Random Arrays of Band and Disk Electrodes: A Thorough Analysis Based on Global Simulations. <i>ChemElectroChem</i> , 2021, 8, 2413-2424.	3.5	1
9	Surface Diffusion of Underpotential-Deposited Lead Adatoms on Gold Nanoelectrodes. <i>ChemElectroChem</i> , 2021, 8, 2282-2287.	3.5	3
10	Quantitative Nanoamperometric Measurement of Intravesicular Glutamate Content and its Subquantal Release by Living Neurons. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15803-15808.	14.8	47
11	Quantitative Nanoamperometric Measurement of Intravesicular Glutamate Content and its Subquantal Release by Living Neurons. <i>Angewandte Chemie</i> , 2021, 133, 15937-15942.	2.1	20
12	In Memoriam of Jean-Michel Savant (1933-2020). <i>ChemElectroChem</i> , 2021, 8, 2752-2753.	3.5	0
13	Electrochemical Storage of Atomic Hydrogen on Single Layer Graphene. <i>Journal of the American Chemical Society</i> , 2021, 143, 18419-18425.	14.6	30
14	Harpagide, a natural product, promotes synaptic vesicle release as measured by nanoelectrode amperometry. <i>Chemical Science</i> , 2020, 11, 778-785.	7.8	41
15	Opening the Cobalt/Platinum Hollow Nanospheres by Photoelectrocatalysis To Efficiently Utilize the Inside and Outside for HER. <i>ACS Applied Energy Materials</i> , 2020, 3, 158-162.	5.3	2
16	Amperometric Measurements and Dynamic Models Reveal a Mechanism for How Zinc Alters Neurotransmitter Release. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3083-3087.	14.8	30
17	Amperometric Measurements and Dynamic Models Reveal a Mechanism for How Zinc Alters Neurotransmitter Release. <i>Angewandte Chemie</i> , 2020, 132, 3107-3111.	2.1	11
18	Editors' Choice "Review" Nanostructured Electrodes as Random Arrays of Active Sites: Modeling and Theoretical Characterization. <i>Journal of the Electrochemical Society</i> , 2020, 167, 013530.	2.9	6

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19	Nanoelectrodes for intracellular measurements of reactive oxygen and nitrogen species in single living cells. <i>Current Opinion in Electrochemistry</i> , 2020, 22, 44-50.	5.2	37
20	Transient cyclic voltammetry: new theoretical challenges to bring up to date a famous electrochemical lady. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2023-2025.	2.6	6
21	Quinone-based molecular electrochemistry and their contributions to medicinal chemistry: A look at the present and future. <i>Current Opinion in Electrochemistry</i> , 2020, 24, 79-87.	5.2	22
22	Intracellular Electrochemical Nanomeasurements Reveal that Exocytosis of Molecules at Living Neurons is Subquantal and Complex. <i>Angewandte Chemie</i> , 2020, 132, 6777-6780.	2.1	17
23	Intracellular Electrochemical Nanomeasurements Reveal that Exocytosis of Molecules at Living Neurons is Subquantal and Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6711-6714.	14.8	44
24	Optimization of electrochemical time of flight measurements for precise determinations of diffusion coefficients over a wide range in various media. <i>Electrochimica Acta</i> , 2020, 345, 136113.	5.4	2
25	Theory and Simulations for the Electron Transfer/Ion Transfer Mode of SECM with Electroactive Species Present in Both Liquid Phases. <i>ChemElectroChem</i> , 2019, 6, 189-194.	3.5	2
26	Electrochemical Monitoring of ROS/RNS Homeostasis Within Individual Phagolysosomes Inside Single Macrophages. <i>Angewandte Chemie</i> , 2019, 131, 7835-7838.	2.1	33
27	Electrochemical Measurements of Reactive Oxygen and Nitrogen Species inside Single Phagolysosomes of Living Macrophages. <i>Journal of the American Chemical Society</i> , 2019, 141, 4564-4568.	14.6	120
28	Electrochemical Monitoring of ROS/RNS Homeostasis Within Individual Phagolysosomes Inside Single Macrophages. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7753-7756.	14.8	87
29	Electroactive fluorescent false neurotransmitter FFN102 partially replaces dopamine in PC12 cell vesicles. <i>Biophysical Chemistry</i> , 2019, 245, 1-5.	2.9	11
30	A few key theoretical issues of importance in modern molecular electrochemistry. <i>Current Opinion in Electrochemistry</i> , 2019, 13, 33-39.	5.2	14
31	3D Printed Rotating Acentric Binary-Disk Electrode. <i>Analytical Chemistry</i> , 2018, 90, 13217-13221.	6.8	5
32	Surface Heterogeneities Matter in Fast Scan Cyclic Voltammetry Investigations of Catecholamines in Brain with Carbon Microelectrodes of High-Aspect Ratio: Dopamine Oxidation at Conical Carbon Microelectrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, G3057-G3065.	2.9	13
33	Downstream Simultaneous Electrochemical Detection of Primary Reactive Oxygen and Nitrogen Species Released by Cell Populations in an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2018, 90, 9386-9394.	6.8	32
34	Self-Inhibitory Electron Transfer of the Co(III)/Co(II)-Complex Redox Couple at Pristine Carbon Electrode. <i>Analytical Chemistry</i> , 2018, 90, 11115-11123.	6.8	19
35	Theory and Simulation for Optimising Electrogenerated Chemiluminescence from Tris(2,2'-bipyridine)ruthenium(II)-Doped Silica Nanoparticles and Tripropylamine. <i>ChemElectroChem</i> , 2017, 4, 1719-1730.	3.5	30
36	Theoretical Insights in ECL, 2017, , 215-256.		3

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37	Molecular electrochemistry: A central method to understand the metabolic activation of therapeutic agents. The example of metallocifen anti-cancer drug candidates. <i>Current Opinion in Electrochemistry</i> , 2017, 2, 7-12.	5.2	10
38	“Full fusion” is not ineluctable during vesicular exocytosis of neurotransmitters by endocrine cells. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2017, 473, 20160684.	2.1	28
39	A Stretchable Electrochemical Sensor for Inducing and Monitoring Cell Mechanotransduction in Real Time. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9454-9458.	14.8	73
40	A Stretchable Electrochemical Sensor for Inducing and Monitoring Cell Mechanotransduction in Real Time. <i>Angewandte Chemie</i> , 2017, 129, 9582-9586.	2.1	7
41	Direct Electrochemical Measurements of Reactive Oxygen and Nitrogen Species in Nontransformed and Metastatic Human Breast Cells. <i>Journal of the American Chemical Society</i> , 2017, 139, 13055-13062.	14.6	170
42	Real-Time Intracellular Measurements of ROS and RNS in Living Cells with Single Core-Shell Nanowire Electrodes. <i>Angewandte Chemie</i> , 2017, 129, 13177-13180.	2.1	39
43	Real-Time Intracellular Measurements of ROS and RNS in Living Cells with Single Core-Shell Nanowire Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12997-13000.	14.8	134
44	Theory and Simulations for the Electron-Transfer/Ion-Transfer Mode of Scanning Electrochemical Microscopy in the Presence or Absence of Homogenous Kinetics. <i>ChemElectroChem</i> , 2017, 4, 287-295.	3.5	5
45	Free Radicals: The Red Queen and the Russian Dolls. <i>Electrochemical Society Interface</i> , 2017, 26, 41-45.	0.5	3
46	II. Origine de la vie: un hasard (g��)chimique in��luctable? , 2017, , 19-29.		0
47	More Transparency in BioAnalysis of Exocytosis: Coupling of Electrochemistry and Fluorescence Microscopy at ITO Electrodes. <i>BIO Web of Conferences</i> , 2016, 6, 01004.	0.2	0
48	Theory of Microwell Arrays Performing as Generators-Collectors Based on a Single Bipolar Plane Electrode. <i>ChemElectroChem</i> , 2016, 3, 487-494.	3.5	12
49	Forewords to the Special JEAC Issue Honoring Professor Hong-Yuan Chen. <i>Journal of Electroanalytical Chemistry</i> , 2016, 781, 1.	3.9	0
50	The evidence for open and closed exocytosis as the primary release mechanism. <i>Quarterly Reviews of Biophysics</i> , 2016, 49, e12.	5.5	91
51	How “Full” is “Full Fusion” during Exocytosis from Dense Core Vesicles? Effect of SDS on “Quantal” Release and Final Fusion Pore Size. <i>Journal of the Electrochemical Society</i> , 2016, 163, H853-H865.	2.9	17
52	In vivo target bio-imaging of Alzheimer's disease by fluorescent zinc oxide nanoclusters. <i>Biomaterials Science</i> , 2016, 4, 1085-1091.	5.5	42
53	Revisiting the Complex Osmocene Electro-Oxidation Mechanism. <i>Electrochimica Acta</i> , 2016, 212, 973-978.	5.4	1
54	Enhancing the Bipolar Redox Cycling Efficiency of Plane-Recessed Microelectrode Arrays by Adding a Chemically Irreversible Interferent. <i>Analytical Chemistry</i> , 2016, 88, 8535-8541.	6.8	7

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55	Multi-chambers Microsystem for Simultaneous and Direct Electrochemical Detection of Reactive Oxygen and Nitrogen Species Released by Cell Populations. <i>Electroanalysis</i> , 2016, 28, 1865-1872.	3.0	18
56	Theoretical Model of Neurotransmitter Release during In Vivo Vesicular Exocytosis Based on a Grainy Biphasic Nano-Structuration of Chromogranins within Dense Core Matrixes. <i>Journal of the Electrochemical Society</i> , 2016, 163, H3014-H3024.	2.9	40
57	On the mechanism of electrochemical vesicle cytometry: chromaffin cell vesicles and liposomes. <i>Faraday Discussions</i> , 2016, 193, 65-79.	3.7	64
58	Unexpected current-voltage characteristics of mechanically modulated atomic contacts with the presence of molecular junctions in an electrochemically assisted MCBJ. <i>Nano Research</i> , 2016, 9, 560-570.	10.6	32
59	Validating a Central Approximation in Theories of Regular Electrode Electrochemical Arrays of Various Common Geometries. <i>Electroanalysis</i> , 2015, 27, 980-991.	3.0	30
60	Electrochemical Measurements of Optogenetically Stimulated Quantal Amine Release from Single Nerve Cell Varicosities in <i>Drosophila</i> Larvae. <i>Angewandte Chemie</i> , 2015, 127, 13813-13816.	2.1	13
61	Electrochemical Measurements of Optogenetically Stimulated Quantal Amine Release from Single Nerve Cell Varicosities in <i>Drosophila</i> Larvae. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13609-13612.	14.8	45
62	Electrochemical Conversion of Dichloroacetic Acid to Chloroacetic Acid in a Microfluidic Stack and in a Series of Microfluidic Reactors. <i>ChemElectroChem</i> , 2015, 2, 684-690.	3.5	15
63	Real-time Monitoring of Discrete Synaptic Release Events and Excitatory Potentials within Self-reconstructed Neuromuscular Junctions. <i>Angewandte Chemie</i> , 2015, 127, 9445-9450.	2.1	14
64	Development and Validation of an Analytical Model for Predicting Chronoamperometric Responses of Random Arrays of Micro- and Nanodisk Electrodes. <i>ChemElectroChem</i> , 2015, 2, 1279-1291.	3.5	20
65	Synthesis, Characterization, and Biological Properties of Osmium-Based Tamoxifen Derivatives – Comparison with Their Homologues in the Iron and Ruthenium Series. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4217-4226.	2.2	33
66	Real-time Monitoring of Discrete Synaptic Release Events and Excitatory Potentials within Self-reconstructed Neuromuscular Junctions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9313-9318.	14.8	88
67	Vesicular exocytosis and microdevices – microelectrode arrays. <i>Analyst</i> , 2015, 140, 3687-3695.	3.5	26
68	Three-electrode analytical and preparative electrochemistry in micro-volume hanging droplets. <i>Electrochemistry Communications</i> , 2015, 54, 41-45.	4.8	11
69	In Situ Biosynthesis of Fluorescent Platinum Nanoclusters: Toward Self-Bioimaging-Guided Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18163-18169.	8.3	79
70	Strong and Unexpected Effects of Diffusion Rates on the Generation of Electrochemiluminescence by Amine/Transition-Metal(II) Systems. <i>ChemElectroChem</i> , 2015, 2, 811-818.	3.5	20
71	In vivo accurate target bio-marking of tumors through in situ biosynthesized fluorescent zinc nanoclusters. <i>RSC Advances</i> , 2015, 5, 74844-74849.	3.7	14
72	Evaluation of photosynthetic electrons derivation by exogenous redox mediators. <i>Biophysical Chemistry</i> , 2015, 205, 1-8.	2.9	34

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73	Electrochemically Driven Supramolecular Interaction of Quinones and Ferrocifens: An Example of Redox Activation of Bioactive Compounds. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 136-162.	2.0	27
74	CHAPTER 6. Real Time Monitoring of Peroxynitrite by Stimulation of Macrophages with Ultramicroelectrodes. <i>RSC Detection Science</i> , 2015, , 96-120.	0.0	0
75	Nanoelectrode for Amperometric Monitoring of Individual Vesicular Exocytosis Inside Single Synapses. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12456-12460.	14.8	141
76	Monitoring and Quantifying the Passive Transport of Molecules Through Patchâ€‘Clamp Suspended Real and Model Cell Membranes. <i>Angewandte Chemie</i> , 2014, 126, 3256-3260.	2.1	2
77	Electrochemical Conversion of Dichloroacetic Acid to Chloroacetic Acid in Conventional Cell and in Two Microfluidic Reactors. <i>ChemElectroChem</i> , 2014, 1, 116-124.	3.5	22
78	Three Roles for the Fluoride Ion in Palladiumâ€‘Catalyzed Hiyama Reactions: Transmetalation of [ArPdFL ₂] by Arâ€‘Si(OR) ₃ . <i>Angewandte Chemie</i> , 2014, 126, 7102-7105.	2.1	11
79	A new strategy for eliminating interference from ECâ€‘2 mechanism during analytical measurements based on plane-band-recessed microdisk array electrodes. <i>Electrochemistry Communications</i> , 2014, 38, 61-64.	4.8	10
80	Realâ€‘Time Monitoring of Auxin Vesicular Exocytotic Efflux from Single Plant Protoplasts by Amperometry at Microelectrodes Decorated with Nanowires. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2643-2647.	14.8	30
81	Three Roles for the Fluoride Ion in Palladiumâ€‘Catalyzed Hiyama Reactions: Transmetalation of [ArPdFL ₂] by Arâ€‘Si(OR) ₃ . <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6982-6985.	14.8	30
82	Uncovering the Missing Link between Molecular Electrochemistry and Electrocatalysis: Mechanism of the Reduction of Benzyl Chloride at Silver Cathodes. <i>ChemElectroChem</i> , 2014, 1, 227-240.	3.5	51
83	Quantitative Analyses of ROS and RNS Production in Breast Cancer Cell Lines Incubated with Ferrocifens. <i>ChemMedChem</i> , 2014, 9, 1286-1293.	3.4	47
84	Monitoring and Quantifying the Passive Transport of Molecules Through Patchâ€‘Clamp Suspended Real and Model Cell Membranes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3192-3196.	14.8	13
85	Simultaneous and multisite tumor rapid-target bioimaging through in vivo biosynthesis of fluorescent gold nanoclusters. <i>RSC Advances</i> , 2014, 4, 37790-37795.	3.7	26
86	Electrochemical Detection of Nitric Oxide and Peroxynitrite Anion in Microchannels at Highly Sensitive Platinum-Black Coated Electrodes. Application to ROS and RNS Mixtures prior to Biological Investigations. <i>Electrochimica Acta</i> , 2014, 144, 111-118.	5.4	37
87	Oxidative Sequence of a Ruthenocene-Based Anticancer Drug Candidate in a Basic Environment. <i>Organometallics</i> , 2014, 33, 4940-4946.	2.6	18
88	Kinetic Data on the Synergetic Role of Amines and Water in the Reduction of Phosphineâ€‘Ligated Palladium(II) to Palladium(0). <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4709-4713.	2.5	30
89	Water soluble diaza crown ether derivative: Synthesis and barium complexation studies. <i>Polyhedron</i> , 2014, 68, 191-198.	2.3	5
90	Strategy for Increasing the Electrode Density of Microelectrode Arrays by Utilizing Bipolar Behavior of a Metallic Film. <i>Analytical Chemistry</i> , 2014, 86, 3138-3145.	6.8	20

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91	Molecular electrochemistry and electrocatalysis: a dynamic view. <i>Molecular Physics</i> , 2014, 112, 1273-1283.	1.7	26
92	Recent advances in Electrochemical Detection of Exocytosis. <i>Electrochimica Acta</i> , 2014, 140, 457-466.	5.4	31
93	Copper ²⁺ amyloid- β^2 complex may catalyze peroxynitrite production in brain: evidence from molecular modeling. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10169-10174.	2.9	21
94	Amperometric detection of vesicular exocytosis from BON cells at carbon fiber microelectrodes. <i>Electrochimica Acta</i> , 2014, 126, 74-80.	5.4	21
95	Nanoelectrode for Amperometric Monitoring of Individual Vesicular Exocytosis Inside Single Synapses. <i>Angewandte Chemie</i> , 2014, 126, 12664-12668.	2.1	30
96	Real-time Monitoring of Auxin Vesicular Exocytotic Efflux from Single Plant Protoplasts by Amperometry at Microelectrodes Decorated with Nanowires. <i>Angewandte Chemie</i> , 2014, 126, 2681-2685.	2.1	7
97	Near-infrared fluorescence imaging of cancer cells and tumors through specific biosynthesis of silver nanoclusters. <i>Scientific Reports</i> , 2014, 4, 4384.	3.4	102
98	Vesicular release of neurotransmitters: converting amperometric measurements into size, dynamics and energetics of initial fusion pores. <i>Faraday Discussions</i> , 2013, 164, 33.	3.7	34
99	Mechanism of Palladium-catalyzed Suzuki-Miyaura Reactions: Multiple and Antagonistic Roles of Anionic Bases and Their Counterions. <i>Chemistry - A European Journal</i> , 2013, 19, 10082-10093.	3.9	205
100	Editorial: From Fundamental Science to Product Development: An Electrochemical Paradigm. <i>ChemPhysChem</i> , 2013, 14, 2007-2008.	2.3	0
101	Direct Electroanalytical Method for Alternative Assessment of Global Antioxidant Capacity Using Microchannel Electrodes. <i>Analytical Chemistry</i> , 2013, 85, 9057-9063.	6.8	33
102	Highly Sensitive Platinum-black Coated Platinum Electrodes for Electrochemical Detection of Hydrogen Peroxide and Nitrite in Microchannel. <i>Electroanalysis</i> , 2013, 25, 895-902.	3.0	71
103	Synthesis, Characterization, and Antiproliferative Activities of Novel Ferrocenophanic Suberamides against Human Triple-Negative MDA-MB-231 and Hormone-Dependent MCF-7 Breast Cancer Cells. <i>Organometallics</i> , 2013, 32, 5926-5934.	2.6	25
104	Apoptosis induction and inhibition of drug resistant tumor growth in vivo involving daunorubicin-loaded graphene-gold composites. <i>Journal of Materials Chemistry B</i> , 2013, 1, 493-499.	5.9	15
105	New theoretical insights into the competitive roles of electron transfers involving adsorbed and homogeneous phases. <i>Journal of Electroanalytical Chemistry</i> , 2013, 688, 320-327.	3.9	29
106	Surface grafting of a β -conjugated amino-ferrocifen drug. <i>Journal of Electroanalytical Chemistry</i> , 2013, 699, 21-27.	3.9	9
107	In vivo self-bio-imaging of tumors through in situ biosynthesized fluorescent gold nanoclusters. <i>Scientific Reports</i> , 2013, 3, 1157.	3.4	170
108	A New Approach for the Simulation of Electrochemiluminescence (ECL). <i>ChemPhysChem</i> , 2013, 14, 2237-2250.	2.3	36

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109	The effect of protic electron donor aromatic substituents on ferrocenic and [3]ferrocenophanic anilines and anilides: Some aspects of structure-activity relationship studies on organometallic compounds with strong antiproliferative effects. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 92-100.	1.9	8
110	Benzyl Chloride Electroreduction on Ag Cathodes in CH ₃ CN in the Presence of Small Amounts of Water: Evidences of Quantitative Effects on Reaction Rates and Mechanism. <i>Electrocatalysis</i> , 2013, 4, 353-357.	2.9	11
111	NHC-Capped Cyclodextrins (ICyDs): Insulated Metal Complexes, Commutable Multicoordination Sphere, and Cavity-Dependent Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7213-7218.	14.8	134
112	Mass Transport at Infinite Regular Arrays of Microband Electrodes Submitted to Natural Convection: Theory and Experiments. <i>Analytical Chemistry</i> , 2013, 85, 12062-12069.	6.8	14
113	Theoretical Investigation of Generator-Collector Microwell Arrays for Improving Electroanalytical Selectivity: Application to Selective Dopamine Detection in the Presence of Ascorbic Acid. <i>ChemPhysChem</i> , 2013, 14, 1887-1898.	2.3	30
114	NHC-Capped Cyclodextrins (ICyDs): Insulated Metal Complexes, Commutable Multicoordination Sphere, and Cavity-Dependent Catalysis. <i>Angewandte Chemie</i> , 2013, 125, 7354-7359.	2.1	48
115	Electrochemistry and Supramolecular Interactions of Ferrocifen-Anticancer Drugs with Cyclodextrins and Lipid Bilayers: An Electrochemical Overview. , 2013, , 631-651.		1
116	Ferrocenyl catechols: synthesis, oxidation chemistry and anti-proliferative effects on MDA-MB-231 breast cancer cells. <i>Dalton Transactions</i> , 2012, 41, 7537.	3.4	45
117	Evaluation of the anti-oxidant properties of a SOD-mimic Mn-complex in activated macrophages. <i>Dalton Transactions</i> , 2012, 41, 6399.	3.4	39
118	Water-soluble, redox-active organometallic calcium chelators. <i>Dalton Transactions</i> , 2012, 41, 14257.	3.4	2
119	Importance of Correct Prediction of Initial Concentrations in Voltammetric Scans: Contrasting Roles of Thermodynamics, Kinetics, and Natural Convection. <i>Analytical Chemistry</i> , 2012, 84, 2792-2798.	6.8	27
120	Electrochemistry of a ferrocene-grafted cell-penetrating peptide. <i>Electrochimica Acta</i> , 2012, 80, 180-186.	5.4	4
121	Nanoelectrodes for determination of reactive oxygen and nitrogen species inside murine macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11534-11539.	7.6	203
122	The Triple Role of Fluoride Ions in Palladium-Catalyzed Suzuki-Miyaura Reactions: Unprecedented Transmetalation from [ArPdFL ₂] Complexes. <i>Angewandte Chemie</i> , 2012, 124, 1408-1411.	2.1	51
123	Deciphering the Activation Sequence of Ferrociphenol Anticancer Drug Candidates. <i>Chemistry - A European Journal</i> , 2012, 18, 6581-6587.	3.9	75
124	Mechanistic Origin of Antagonist Effects of Usual Anionic Bases (OH ⁻), <i>Tj ETQqO O O rgBT /Overlock 10 Tf 50 152 Td (CO</i> <i>European Journal</i> , 2012, 18, 6616-6625.	3.9	126
125	Mass Transport at Microband Electrodes: Transient, Quasi-Steady-State, and Convective Regimes. <i>ChemPhysChem</i> , 2012, 13, 1562-1568.	2.3	33
126	Electrocatalytic oxidation of organic substrates with molecular oxygen using tetradentate ruthenium(III)-Schiff base complexes as catalysts. <i>Electrochimica Acta</i> , 2012, 75, 366-370.	5.4	14

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127	Indium Tin Oxide devices for amperometric detection of vesicular release by single cells. <i>Biophysical Chemistry</i> , 2012, 162, 14-21.	2.9	34
128	A new strategy for simulation of electrochemical mechanisms involving acute reaction fronts in solution under spherical or cylindrical diffusion. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 593-599.	1.0	7
129	A Novel Approach to the Simulation of Electrochemical Mechanisms Involving Acute Reaction Fronts at Disk and Band Microelectrodes. <i>ChemPhysChem</i> , 2012, 13, 845-859.	2.3	21
130	The Triple Role of Fluoride Ions in Palladium-Catalyzed Suzuki-Miyaura Reactions: Unprecedented Transmetalation from $[ArPdFL_2]$ Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1379-1382.	14.8	112
131	An organometallic derivative of a BAPTA ligand: towards electrochemically controlled cation release in biocompatible media. <i>Chemical Communications</i> , 2011, 47, 5199.	4.2	11
132	Simple and Clear Evidence for Positive Feedback Limitation by Bipolar Behavior during Scanning Electrochemical Microscopy of Unbiased Conductors. <i>Analytical Chemistry</i> , 2011, 83, 4887-4893.	6.8	45
133	Channel Microband Chronoamperometry: From Transient to Steady-State Regimes. <i>Analytical Chemistry</i> , 2011, 83, 4170-4177.	6.8	20
134	Electrochemically active phenylenediamine probes for transition metal cation detection. <i>New Journal of Chemistry</i> , 2011, 35, 709.	2.7	15
135	A density functional theory approach to mushroom-like platinum clusters on palladium-shell over Au core nanoparticles for high electrocatalytic activity. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 5441.	2.9	30
136	Tailoring Au-core Pd-shell Pt-cluster nanoparticles for enhanced electrocatalytic activity. <i>Chemical Science</i> , 2011, 2, 531-539.	7.8	174
137	Do Molecular Conductances Correlate with Electrochemical Rate Constants? Experimental Insights. <i>Journal of the American Chemical Society</i> , 2011, 133, 7509-7516.	14.6	117
138	Theory and experiments of microelectrodes performing as concentration probes within microfluidic channels with high temporal resolution. <i>Electrochemistry Communications</i> , 2011, 13, 1459-1461.	4.8	15
139	Molecular Motion Inside an Adsorbed [5:1] Fullerene Hexaadduct Observed by Ultrafast Cyclic Voltammetry. <i>Angewandte Chemie</i> , 2011, 123, 2412-2415.	2.1	13
140	Coupling Amperometry and Total Internal Reflection Fluorescence Microscopy at ITO Surfaces for Monitoring Exocytosis of Single Vesicles. <i>Angewandte Chemie</i> , 2011, 123, 5187-5190.	2.1	24
141	Au-Pd Core-Shell Nanoparticles Catalyze Suzuki-Miyaura Reactions in Water through Pd Leaching. <i>Angewandte Chemie</i> , 2011, 123, 12392-12396.	2.1	38
142	Gold Nanoclusters and Graphene Nanocomposites for Drug Delivery and Imaging of Cancer Cells. <i>Angewandte Chemie</i> , 2011, 123, 11848-11852.	2.1	22
143	Molecular Motion Inside an Adsorbed [5:1] Fullerene Hexaadduct Observed by Ultrafast Cyclic Voltammetry. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2364-2367.	14.8	48
144	Coupling Amperometry and Total Internal Reflection Fluorescence Microscopy at ITO Surfaces for Monitoring Exocytosis of Single Vesicles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5081-5084.	14.8	71

#	ARTICLE	IF	CITATIONS
145	Au@Pd Core-Shell Nanoparticles Catalyze Suzuki-Miyaura Reactions in Water through Pd Leaching. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12184-12188.	14.8	144
146	Gold Nanoclusters and Graphene Nanocomposites for Drug Delivery and Imaging of Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11644-11648.	14.8	277
147	Kinetic Data for the Transmetalation/Reductive Elimination in Palladium-Catalyzed Suzuki-Miyaura Reactions: Unexpected Triple Role of Hydroxide Ions Used as Base. <i>Chemistry - A European Journal</i> , 2011, 17, 2492-2503.	3.9	330
148	Electrochemistry at gold nanoparticles deposited on dendrimers assemblies adsorbed onto gold and platinum surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2011, 659, 76-82.	3.9	9
149	Anodic abatement of organic pollutants in water in micro reactors. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 293-296.	3.9	56
150	Pro-oxidant Properties of AZT and other Thymidine Analogues in Macrophages: Implication of the Azido Moiety in Oxidative Stress. <i>ChemMedChem</i> , 2010, 5, 296-301.	3.4	20
151	Diffusion from within a Spherical Body with Partially Blocked Surface: Diffusion through a Constant Surface Area. <i>ChemPhysChem</i> , 2010, 11, 149-158.	2.3	20
152	Reconstruction of Aperture Functions during Full Fusion in Vesicular Exocytosis of Neurotransmitters. <i>ChemPhysChem</i> , 2010, 11, 159-174.	2.3	74
153	Prediction of Local pH Variations during Amperometric Monitoring of Vesicular Exocytotic Events at Chromaffin Cells. <i>ChemPhysChem</i> , 2010, 11, 2931-2941.	2.3	10
154	Electrochemically Assisted Fabrication of Metal Atomic Wires and Molecular Junctions by MCBJ and STM-BJ Methods. <i>ChemPhysChem</i> , 2010, 11, 2745-2755.	2.3	39
155	Editorial: Modern Electrochemistry: Interdisciplinary Research at the Forefront of Science. <i>ChemPhysChem</i> , 2010, 11, 2655-2656.	2.3	3
156	Synthesis and Electrochemical Study of an Original Copper(II)-Capped Salen-Cyclodextrin Complex. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4720-4727.	2.2	21
157	Striking Inflammation from Both Sides: Manganese(II) Pentaazamacrocyclic SOD Mimics Act Also as Nitric Oxide Dismutases: A Single-Cell Study. <i>Angewandte Chemie</i> , 2010, 122, 4324-4328.	2.1	1
158	Striking Inflammation from Both Sides: Manganese(II) Pentaazamacrocyclic SOD Mimics Act Also as Nitric Oxide Dismutases: A Single-Cell Study. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4228-4232.	14.8	48
159	A new strategy for simulation of electrochemical mechanisms involving acute reaction fronts in solution: Application to model mechanisms. <i>Electrochemistry Communications</i> , 2010, 12, 1165-1169.	4.8	34
160	Microchip for ultrafast voltammetry. <i>Electrochemistry Communications</i> , 2010, 12, 897-900.	4.8	18
161	A new strategy for simulation of electrochemical mechanisms involving acute reaction fronts in solution: Principle. <i>Electrochemistry Communications</i> , 2010, 12, 1170-1173.	4.8	59
162	Theoretical study of the EE reaction mechanism with comproportionation and different diffusivities of reactants. <i>Electrochemistry Communications</i> , 2010, 12, 1378-1382.	4.8	20

#	ARTICLE	IF	CITATIONS
163	The fabrication and characterization of adjustable nanogaps between gold electrodes on chip for electrical measurement of single molecules. <i>Nanotechnology</i> , 2010, 21, 274012.	2.7	38
164	Finding Out Egyptian Godsâ€™ Secret Using Analytical Chemistry: Biomedical Properties of Egyptian Black Makeup Revealed by Amperometry at Single Cells. <i>Analytical Chemistry</i> , 2010, 82, 457-460.	6.8	69
165	Bridging the Gap between Electrochemical and Organometallic Activation: Benzyl Chloride Reduction at Silver Cathodes. <i>Journal of the American Chemical Society</i> , 2010, 132, 17199-17210.	14.6	102
166	In Situ Identification of Intermediates of Benzyl Chloride Reduction at a Silver Electrode by SERS Coupled with DFT Calculations. <i>Journal of the American Chemical Society</i> , 2010, 132, 9534-9536.	14.6	127
167	Simultaneous Detection of Reactive Oxygen and Nitrogen Species Released by a Single Macrophage by Triple Potential-Step Chronoamperometry. <i>Analytical Chemistry</i> , 2010, 82, 1411-1419.	6.8	90
168	Difference between Ultramicroelectrodes and Microelectrodes: Influence of Natural Convection. <i>Analytical Chemistry</i> , 2010, 82, 6933-6939.	6.8	82
169	In situ electrochemical monitoring of reactive oxygen and nitrogen species released by single MG63 osteosarcoma cell submitted to a mechanical stress. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10048.	2.9	29
170	Theory and Experiments of Transport at Channel Microband Electrodes Under Laminar Flow. 3. Electrochemical Detection at Electrode Arrays under Steady State. <i>Analytical Chemistry</i> , 2010, 82, 2434-2440.	6.8	28
171	Chemo- and Product-selective Electrooxidation of 3-(Arylthiomethyl)- β -cephems. <i>Synthesis</i> , 2009, 2009, 3449-3459.	2.3	8
172	Ex vivo Activities of β -Lapachone and γ -Lapachone on Macrophages: A Quantitative Pharmacological Analysis Based on Amperometric Monitoring of Oxidative Bursts by Single Cells. <i>ChemBioChem</i> , 2009, 10, 528-538.	2.8	26
173	Theory of Ion Transport in Electrochemically Switchable Nanoporous Metallized Membranes. <i>ChemPhysChem</i> , 2009, 10, 211-221.	2.3	21
174	Electrochemical Phenomena in the Nanoworld/Molecular Devices and Machines/Surface Science/Spectroscopic Advances/Chemistry at a Historic Crossroads. <i>ChemPhysChem</i> , 2009, 10, 20-23.	2.3	3
175	Diffusion with Moving Boundary on Spherical Surfaces. <i>ChemPhysChem</i> , 2009, 10, 1593-1602.	2.3	8
176	Theory of Long-Range Diffusion of Proteins on a Spherical Biological Membrane: Application to Protein Cluster Formation and Actin Comet Tail Growth. <i>ChemPhysChem</i> , 2009, 10, 1586-1592.	2.3	6
177	Further insights into hydrophobic interactions between ferrocenyl-tamoxifen drugs and non-polar molecular architectures at electrode surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2009, 635, 13-19.	3.9	20
178	Design and electrochemical characterization of a new cobalt(II)-cyclodextrin complex. Evidence for a supramolecular stabilization of the Co(I) state. <i>Electrochemistry Communications</i> , 2009, 11, 114-117.	4.8	6
179	Cyclic voltammetry at microelectrodes. Influence of natural convection on diffusion layers as characterized by in situ mapping of concentration profiles. <i>Electrochemistry Communications</i> , 2009, 11, 1269-1272.	4.8	48
180	Ultrasound-promoted aromatic nucleophilic substitution of dichlorobenzene iron(II) complexes. <i>Tetrahedron Letters</i> , 2009, 50, 1720-1722.	1.4	5

#	ARTICLE	IF	CITATIONS
181	Exploring the first steps of an electrochemically-triggered controlled polymerization sequence: Activation of alkyl- and benzyl halide initiators by an electrogenerated FeII-Salen complex. <i>Journal of Electroanalytical Chemistry</i> , 2009, 633, 99-105.	3.9	21
182	The replacement of a phenol group by an aniline or acetanilide group enhances the cytotoxicity of 2-ferrocenyl-1,1-diphenyl-but-1-ene compounds against breast cancer cells. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 895-901.	1.9	65
183	Quantitative investigations of amperometric spike feet suggest different controlling factors of the fusion pore in exocytosis at chromaffin cells. <i>Biophysical Chemistry</i> , 2009, 143, 124-131.	2.9	37
184	Electrochemical Determination of Flow Velocity Profile in a Microfluidic Channel from Steady-State Currents: Numerical Approach and Optimization of Electrode Layout. <i>Analytical Chemistry</i> , 2009, 81, 7667-7676.	6.8	10
185	Capacitive and Solution Resistance Effects on Voltammetric Responses at a Disk Microelectrode Covered with a Self-Assembled Monolayer in the Presence of Electron Hopping. <i>Analytical Chemistry</i> , 2009, 81, 8545-8556.	6.8	11
186	Invariance of Exocytotic Events Detected by Amperometry as a Function of the Carbon Fiber Microelectrode Diameter. <i>Analytical Chemistry</i> , 2009, 81, 3087-3093.	6.8	26
187	A [3]Ferrocenophane Polyphenol Showing a Remarkable Antiproliferative Activity on Breast and Prostate Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4964-4967.	6.6	128
188	Vitamin C stimulates or attenuates reactive oxygen and nitrogen species (ROS, RNS) production depending on cell state: Quantitative amperometric measurements of oxidative bursts at PLB-985 and RAW 264.7 cells at the single cell level. <i>Journal of Electroanalytical Chemistry</i> , 2008, 615, 34-44.	3.9	26
189	Real-Time Amperometric Analysis of Reactive Oxygen and Nitrogen Species Released by Single Immunostimulated Macrophages. <i>ChemBioChem</i> , 2008, 9, 1472-1480.	2.8	93
190	Theoretical Trends of Diffusion and Reaction into Tubular Nano- and Mesoporous Structures: General Physicochemical and Physicomathematical Modeling. <i>Chemistry - A European Journal</i> , 2008, 14, 5449-5464.	3.9	16
191	Reactivity and Antiproliferative Activity of Ferrocenyl-Tamoxifen Adducts with Cyclodextrins against Hormone-Independent Breast Cancer Cell Lines. <i>Chemistry - A European Journal</i> , 2008, 14, 8195-8203.	3.9	75
192	Is there an Intrinsic Limit to the Size of 2D Supracrystals Built from Weakly Interacting Nanoparticles?. <i>Chemistry - A European Journal</i> , 2008, 14, 8615-8623.	3.9	7
193	Pd(OAc) ₂ •2 <i>p</i> -Benzoquinone-Catalyzed Anaerobic Electrooxidative Homocoupling of Arylboronic Acids, Arylboronates and Aryltrifluoroborates in DMF and/or Water. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4567-4570.	2.5	85
194	Electrochemically Driven Release of Picomole Amounts of Calcium Ions with Temporal and Spatial Resolution. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5211-5214.	14.8	26
195	Electrochemically Driven Release of Picomole Amounts of Calcium Ions with Temporal and Spatial Resolution. <i>Angewandte Chemie</i> , 2008, 120, 5289-5292.	2.1	9
196	Supramolecular effects of cyclodextrins on the electrochemical reduction and reactivity of aromatic carbonyl compounds. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 134-145.	3.9	16
197	Special Issue in Honor of Professor Israel Rubinstein. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 121-123.	3.9	0
198	Electrochemical attachment of a conjugated amino-ferrocifen complex onto carbon and metal surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2008, 619-620, 169-175.	3.9	43

#	ARTICLE	IF	CITATIONS
199	Rates of the Oxidative Addition of Benzyl Halides to a Metallacyclic Palladium(II) Complex and of the Reductive Elimination from a Benzyl-Palladium(IV) Complex. <i>Organometallics</i> , 2008, 27, 4549-4554.	2.6	55
200	Theory and Experiments of Transport at Channel Microband Electrodes under Laminar Flows. 2. Electrochemical Regimes at Double Microband Assemblies under Steady State. <i>Analytical Chemistry</i> , 2008, 80, 9483-9490.	6.8	85
201	Direct Monitoring of Ultrafast Redox Commutation at the Nanosecond and Nanometer Scales by Ultrafast Voltammetry: From Molecular Wires to Cation Releasing Systems. <i>Israel Journal of Chemistry</i> , 2008, 48, 203-214.	2.6	21
202	Electrochemical Monitoring of Single Cell Secretion: Vesicular Exocytosis and Oxidative Stress. <i>Chemical Reviews</i> , 2008, 108, 2585-2621.	51.4	366
203	Electrochemical parameters and techniques in drug development, with an emphasis on quinones and related compounds. <i>Chemical Communications</i> , 2008, , 2612.	4.2	181
204	General Concept of High-Performance Amperometric Detector for Microfluidic (Bio)Analytical Chips. <i>Analytical Chemistry</i> , 2008, 80, 4976-4985.	6.8	38
205	Capacitive and Solution Resistance Effects on Voltammetric Responses of a Thin Redox Layer Attached to Disk Microelectrodes. <i>Analytical Chemistry</i> , 2008, 80, 7957-7963.	6.8	12
206	Triangulation Mapping of Oxidative Bursts Released by Single Fibroblasts by Amperometry at Microelectrodes. <i>Analytical Chemistry</i> , 2008, 80, 9635-9641.	6.8	19
207	Theoretical Analysis of Microscopic Ohmic Drop Effects on Steady-State and Transient Voltammetry at the Disk Microelectrode: A Quasi-Conformal Mapping Modeling and Simulation. <i>Analytical Chemistry</i> , 2008, 80, 7947-7956.	6.8	29
208	Theory and Simulation of Diffusion- α Reaction into Nano- and Mesoporous Structures. Experimental Application to Sequestration of Mercury(II). <i>Analytical Chemistry</i> , 2008, 80, 3229-3243.	6.8	16
209	Electrochemical Study of Pharmacological Activity at Single Cells: Beta-lapachone Effect on Oxidative Stress of Macrophages. <i>ECS Transactions</i> , 2007, 3, 3-11.	0.6	3
210	Palladium/Benzoquinone-Catalyzed Electrochemical Oxidation of Alcohols Under Anaerobic Conditions. <i>Synlett</i> , 2007, 2007, 2173-2178.	1.8	22
211	Electrochemical Study of Methyl 2-[p-Nitrophenyl(hydroxy)methyl]acrylate. <i>Journal of the Electrochemical Society</i> , 2007, 154, P121.	2.9	7
212	Concerted activities of nitric oxide synthases and NADPH oxidases in PLB-985 cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 493-498.	2.2	14
213	Rate and Mechanism of the Heck Reactions of Arylpalladium Complexes Ligated by a Bidentate P,P Ligand with an Electron-Rich Alkene (Isobutyl Vinyl Ether). <i>Organometallics</i> , 2007, 26, 1757-1761.	2.6	48
214	Fullerodendrimers with a tris-isothiocyanate core allowing their anchoring onto gold electrodes. <i>New Journal of Chemistry</i> , 2007, 31, 1395.	2.7	17
215	The influence of phenolic hydroxy substitution on the electron transfer and anti-cancer properties of compounds based on the 2-ferrocenyl-1-phenyl-but-1-ene motif. <i>Dalton Transactions</i> , 2007, , 5073.	3.4	84
216	Theory and Experiments of Transport at Channel Microband Electrodes under Laminar Flows. 1. Steady-State Regimes at a Single Electrode. <i>Analytical Chemistry</i> , 2007, 79, 8502-8510.	6.8	87

#	ARTICLE	IF	CITATIONS
217	Time-Dependent Diffusion ⁺ Migration at Cylindrical and Spherical Microelectrodes: A Steady- and Quasi-Steady-State Analytical Solution Can Be Used under Transient Conditions. <i>Analytical Chemistry</i> , 2007, 79, 6341-6347.	6.8	19
218	Palladium(0)-Catalyzed Allylic Aminations: Kinetics and Mechanism of the Reaction of Secondary Amines with Cationic [(<i>η</i> -3-allyl)PdL ₂] ⁺ Complexes. <i>Organometallics</i> , 2007, 26, 1875-1880.	2.6	30
219	Comparative Oxidative Addition of Transition-Metal Iodocyclopentadienyl Complexes (<i>η</i> -5-C ₅ H ₄ -I)M _n (M) Tj ETQq1 1 0.784314 rgBT <i>Organometallics</i> , 2007, 26, 3887-3890.	2.6	13
220	Electrochemical detection in a microfluidic device of oxidative stress generated by macrophage cells. <i>Lab on A Chip</i> , 2007, 7, 233-238.	6.1	80
221	Rate and Mechanism of the Reaction of Alkenes with Aryl Palladium Complexes Ligated by a Bidentate P,P Ligand in Heck Reactions. <i>Chemistry - A European Journal</i> , 2007, 13, 2002-2011.	3.9	70
222	Synthesis and Electrochemical Properties of Fullerene-Rich Nanoclusters Synthesized by Cobalt-Catalyzed Cyclotrimerization of Bis(aryl)alkyne Fullerodendrimers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 951-954.	14.8	50
223	Synthesis and Electrochemical Properties of Fullerene-Rich Nanoclusters Synthesized by Cobalt-Catalyzed Cyclotrimerization of Bis(aryl)alkyne Fullerodendrimers. <i>Angewandte Chemie</i> , 2007, 119, 969-972.	2.1	12
224	Electrochemical Recycling of Benzoquinone in the Pd/Benzoquinone-Catalyzed Heck-Type Reactions from Arenes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 292-296.	4.5	223
225	Ferrocenyl Oligo(phenylene ⁺ vinylene) Thiols for the Construction of Self ⁺ Assembled Monolayers. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4035-4042.	2.2	14
226	Angeli's Salt (Na ₂ N ₂ O ₃) is a Precursor of HNO and NO: a Voltammetric Study of the Reactive Intermediates Released by Angeli's Salt Decomposition. <i>ChemMedChem</i> , 2007, 2, 898-903.	3.4	29
227	Vesicular Exocytosis under Hypotonic Conditions Shows Two Distinct Populations of Dense Core Vesicles in Bovine Chromaffin Cells. <i>ChemPhysChem</i> , 2007, 8, 578-585.	2.3	31
228	Ultrafast Voltammetry for Probing Interfacial Electron Transfer in Molecular Wires. <i>ChemPhysChem</i> , 2007, 8, 1321-1329.	2.3	79
229	Confocal Microscopy Imaging of Electrochemiluminescence at Double Band Microelectrode Assemblies: Numerical Solution of the Inverse Optical Problem. <i>ChemPhysChem</i> , 2007, 8, 1664-1676.	2.3	7
230	The Nature and Efficiency of Neurotransmitter Exocytosis also Depend on Physicochemical Parameters. <i>ChemPhysChem</i> , 2007, 8, 1597-1605.	2.3	15
231	In Situ and On-Line Monitoring of Hydrodynamic Flow Profiles in Microfluidic Channels Based on Microelectrochemistry: Optimization of Channel Geometrical Parameters for Best Performance of Flow Profile Reconstruction. <i>ChemPhysChem</i> , 2007, 8, 1870-1874.	2.3	7
232	Relationship between amperometric pre-spike feet and secretion granule composition in Chromaffin cells: An overview. <i>Biophysical Chemistry</i> , 2007, 129, 181-189.	2.9	44
233	On the formation of Pd(II) complexes of Trost modular ligand involving N ⁺ H activation or P,O coordination in Pd-catalyzed allylic alkylations. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1457-1464.	1.9	28
234	Alteration of diffusional transport by migration and natural convection. Theoretical and direct experimental evidences upon monitoring steady-state concentration profiles at planar electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2007, 601, 17-28.	3.9	33

#	ARTICLE	IF	CITATIONS
235	Comparison of apex and bottom secretion efficiency at chromaffin cells as measured by amperometry. <i>Biophysical Chemistry</i> , 2007, 127, 165-171.	2.9	39
236	Reconstruction of hydrodynamic flow profiles in a rectangular channel using electrochemical methods of analysis. <i>Electrochimica Acta</i> , 2007, 53, 1100-1106.	5.4	18
237	Electrochemical activation of β -lapachone in β -cyclodextrin inclusion complexes and reactivity of its reduced form towards oxygen in aqueous solutions. <i>Journal of Electroanalytical Chemistry</i> , 2007, 608, 125-132.	3.9	18
238	Electrochemical oxidation of half-open ruthenocene compounds. Role of acyclic ligands on acetonitrile coordination. <i>Journal of Electroanalytical Chemistry</i> , 2007, 611, 96-106.	3.9	1
239	Mechanism of the Palladium-Catalyzed Homocoupling of Arylboronic Acids: Key Involvement of a Palladium Peroxo Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 6829-6836.	14.6	350
240	Electrochemical time-of-flight responses at double-band generator-collector devices under pulsed conditions. <i>Journal of Electroanalytical Chemistry</i> , 2006, 593, 194-202.	3.9	46
241	CO ₂ as a C1-organic building block: Electrocarboxylation of aromatic ketones. A quantitative study of the effect of the concentration of substrate and of carbon dioxide on the selectivity of the process. <i>Journal of Electroanalytical Chemistry</i> , 2006, 592, 163-174.	3.9	51
242	Construction of optimal quasi-conformal mappings for the 2D numerical simulation of diffusion at microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2006, 597, 77-85.	3.9	27
243	Construction of optimal quasi-conformal mappings for the 2D-numerical simulation of diffusion at microelectrodes. Part 1: Principle of the method and its application to the inlaid disk microelectrode. <i>Journal of Electroanalytical Chemistry</i> , 2006, 597, 69-76.	3.9	27
244	Electrocarboxylation of Benzyl Halides through Redox Catalysis on the Preparative Scale. <i>Chemistry - A European Journal</i> , 2006, 12, 7433-7447.	3.9	19
245	Monitoring in Real Time with a Microelectrode the Release of Reactive Oxygen and Nitrogen Species by a Single Macrophage Stimulated by its Membrane Mechanical Depolarization. <i>ChemBioChem</i> , 2006, 7, 653-661.	2.8	150
246	Regulation of Exocytosis in Chromaffin Cells by Trans-Insertion of Lysophosphatidylcholine and Arachidonic Acid into the Outer Leaflet of the Cell Membrane. <i>ChemBioChem</i> , 2006, 7, 1998-2003.	2.8	81
247	Ferrocene-Mediated Proton-Coupled Electron Transfer in a Series of Ferrocifen-Type Breast-Cancer Drug Candidates. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 285-290.	14.8	378
248	Coupling of Electrochemistry and Fluorescence Microscopy at Indium Tin Oxide Microelectrodes for the Analysis of Single Exocytotic Events. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4000-4003.	14.8	82
249	Effect of the Leaving Group on the Rate and Mechanism of the Palladium-Catalyzed Isomerization of Cyclic Allylic Benzoates in Allylic Substitutions. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1185-1192.	2.5	36
250	Nitric Oxide Release during Evoked Neuronal Activity in Cerebellum Slices: Detection with Platinized Carbon-Fiber Microelectrodes. <i>ChemPhysChem</i> , 2006, 7, 181-187.	2.3	66
251	In situ and Online Monitoring of Hydrodynamic Flow Profiles in Microfluidic Channels Based upon Microelectrochemistry: Optimization of Electrode Locations. <i>ChemPhysChem</i> , 2006, 7, 482-487.	2.3	14
252	Mapping Electrochemiluminescence as Generated at Double-Band Microelectrodes by Confocal Microscopy under Steady State. <i>ChemPhysChem</i> , 2006, 7, 1322-1327.	2.3	47

#	ARTICLE	IF	CITATIONS
253	Ferrocene-Mediated Proton-Coupled Electron Transfer in a Series of Ferrocifen-Type Breast-Cancer Drug Candidates. <i>Angewandte Chemie</i> , 2006, 118, 291-296.	2.1	77
254	Coupling of Electrochemistry and Fluorescence Microscopy at Indium Tin Oxide Microelectrodes for the Analysis of Single Exocytotic Events. <i>Angewandte Chemie</i> , 2006, 118, 4104-4107.	2.1	20
255	Modelling release of nitric oxide in a slice of rat's brain: describing stimulated functional hyperemia with diffusion-reaction equations. <i>Mathematical Medicine and Biology</i> , 2006, 23, 27-44.	1.3	13
256	Glutamatergic Control of Microvascular Tone by Distinct GABA Neurons in the Cerebellum. <i>Journal of Neuroscience</i> , 2006, 26, 6997-7006.	3.8	120
257	Mesure directe in situ de la vitesse d'un écoulement microfluidique par couplage électrochimique entre deux microbandes parallèles. <i>Houille Blanche</i> , 2006, 92, 60-64.	0.3	5
258	Diffusion within nanometric and micrometric spherical-type domains limited by nanometric ring or pore active interfaces. Part 1: conformal mapping approach. <i>Journal of Electroanalytical Chemistry</i> , 2005, 575, 103-123.	3.9	24
259	Electrochemistry of $\hat{1}^2$ -lapachone and its diazoderivative: Relevance to their compared antimicrobial activities. <i>Electrochemistry Communications</i> , 2005, 7, 767-772.	4.8	12
260	In Situ and Online Monitoring of Hydrodynamic Flow Profiles in Microfluidic Channels Based upon Microelectrochemistry: Concept, Theory, and Validation. <i>ChemPhysChem</i> , 2005, 6, 1581-1589.	2.3	20
261	What Makes for a Good Catalytic Cycle? A Theoretical Study of the Role of an Anionic Palladium(0) Complex in the Cross-Coupling of an Aryl Halide with an Anionic Nucleophile. <i>Organometallics</i> , 2005, 24, 2319-2330.	2.6	221
262	Rate and Mechanism of the Reaction of (E)-PhCHCH-CH(Ph)-OAc with Palladium(0) Complexes in Allylic Substitutions. <i>Organometallics</i> , 2005, 24, 1569-1577.	2.6	33
263	When Voltammetry Reaches Nanoseconds. <i>Analytical Chemistry</i> , 2005, 77, 303 A-311 A.	6.8	97
264	Correlation between Vesicle Quantal Size and Fusion Pore Release in Chromaffin Cell Exocytosis. <i>Biophysical Journal</i> , 2005, 88, 4411-4420.	0.5	86
265	Effect of the leaving group and the allylic structure on the kinetics and thermodynamics of the reaction of allylic carboxylates with palladium(0) complexes. <i>Arkivoc</i> , 2005, 2002, 92-101.	0.6	18
266	Formation of anionic palladium(0) complexes ligated by the trifluoroacetate ion and their reactivity in oxidative addition. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3728-3734.	1.9	58
267	Imaging Concentration Profiles of Redox-Active Species with Nanometric Amperometric Probes: Effect of Natural Convection on Transport at Microdisk Electrodes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1431-1435.	14.8	91
268	Darstellung von Konzentrationsprofilen redoxaktiver Spezies mittels amperometrischer Nanosonden: Einflüsse der natürlichen Konvektion auf den Massentransport bei Mikroscheibenelektroden. <i>Angewandte Chemie</i> , 2004, 116, 1455-1459.	2.1	12
269	Decelerating Effect of Alkynes in the Oxidative Addition of Phenyl Iodide to Palladium(0) Complexes in Palladium-Catalyzed Multicomponent Reactions and Sonogashira Reactions. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 366-371.	2.5	53
270	Active Anionic Zero-Valent Palladium Catalysts: Characterization by Density Functional Calculations. <i>Chemistry - A European Journal</i> , 2004, 10, 3072-3080.	3.9	108

#	ARTICLE	IF	CITATIONS
271	Efficient quasi-conformal map for simulation of diffusion at disk microelectrodes. <i>Electrochemistry Communications</i> , 2004, 6, 588-594.	4.8	41
272	Mechanism of the carbopalladation of alkynes by aryl-palladium complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4642-4646.	1.9	80
273	Simulation of diffusion at microring electrodes through conformal mapping. <i>Journal of Electroanalytical Chemistry</i> , 2004, 564, 245-260.	3.9	23
274	Using electrochemical coupling between parallel microbands for in situ monitoring of flow rates in microfluidic channels. <i>Journal of Electroanalytical Chemistry</i> , 2004, 573, 333-343.	3.9	65
275	Mechanism of the palladium-catalysed electrosynthesis of diethyl carbonate from carbon monoxide and ethanol. <i>Comptes Rendus Chimie</i> , 2004, 7, 737-746.	0.6	1
276	First direct experimental evidence of migration contributions through monitoring of concentration profiles at low supporting electrolyte concentration. <i>Electrochemistry Communications</i> , 2004, 6, 887-891.	4.8	18
277	Simulation of diffusion-convection processes in microfluidic channels equipped with double band microelectrode assemblies: approach through quasi-conformal mapping. <i>Electrochemistry Communications</i> , 2004, 6, 1123-1130.	4.8	25
278	Remote Fluorescence Imaging of Dynamic Concentration Profiles with Micrometer Resolution Using a Coherent Optical Fiber Bundle. <i>Analytical Chemistry</i> , 2004, 76, 7202-7210.	6.8	36
279	Editorial: Frontiers of Electrochemistry. <i>ChemPhysChem</i> , 2003, 4, 115-115.	2.3	3
280	Dynamics of Full Fusion During Vesicular Exocytotic Events: Release of Adrenaline by Chromaffin Cells. <i>ChemPhysChem</i> , 2003, 4, 147-154.	2.3	45
281	Electrochemistry within a Limited Number of Molecules: Delineating the Fringe Between Stochastic and Statistical Behavior. <i>Angewandte Chemie</i> , 2003, 115, 5094-5097.	2.1	10
282	Electrochemistry within a Limited Number of Molecules: Delineating the Fringe Between Stochastic and Statistical Behavior. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4944-4947.	14.8	55
283	Electron transfer induced topological reorganisations in copper complexes of N-tetrasubstituted tetraazamacrocycles. <i>Inorganica Chimica Acta</i> , 2003, 356, 267-278.	2.5	20
284	The problem of the accuracy of electrochemical kinetic parameter determination for the ECE reaction mechanism. <i>Journal of Electroanalytical Chemistry</i> , 2003, 546, 109-121.	3.9	27
285	Effects of chemical environment on diffusivities within thin Nafion® films as monitored from chronoamperometric responses of generator-collector double microband assemblies. <i>Journal of Electroanalytical Chemistry</i> , 2003, 547, 151-161.	3.9	12
286	Simulation of the double hemicylinder generator-collector assembly through conformal mapping technique. <i>Journal of Electroanalytical Chemistry</i> , 2003, 553, 49-61.	3.9	34
287	A new and powerful approach for simulation of diffusion at microelectrodes based on overlapping sub-domains: application to chronoamperometry at the microdisk. <i>Journal of Electroanalytical Chemistry</i> , 2003, 557, 75-90.	3.9	35
288	Redox activation of dicarbonyl(η^5 -cyclopentadienyl)methyl iron within the cavity of β -cyclodextrin: carbon monoxide insertion in iron-methyl bond. <i>Journal of Organometallic Chemistry</i> , 2003, 668, 9-16.	1.9	12

#	ARTICLE	IF	CITATIONS
289	Electrochemistry within molecules using ultrafast cyclic voltammetry. <i>Comptes Rendus Chimie</i> , 2003, 6, 99-115.	0.6	52
290	Zeptomole Voltammetric Detection and Electron-Transfer Rate Measurements Using Platinum Electrodes of Nanometer Dimensions. <i>Analytical Chemistry</i> , 2003, 75, 3962-3971.	6.8	179
291	Mechanism of the Stille Reaction Catalyzed by Palladium Ligated to Arsine Ligand: $\text{PhPd}(\text{AsPh}_3)(\text{DMF})$ Is the Species Reacting with Vinylstannane in DMF. <i>Journal of the American Chemical Society</i> , 2003, 125, 4212-4222.	14.6	133
292	Oxidative stress in cancer prone xeroderma pigmentosum fibroblasts. Real-time and single cell monitoring of superoxide and nitric oxide production with microelectrodes. <i>Carcinogenesis</i> , 2003, 25, 509-515.	2.8	57
293	Diffusional Cross-Talk between Paired Microband Electrodes Operating within a Thin Film: A Theory for Redox Couples with Unequal Diffusion Coefficients. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11565-11571.	2.7	24
294	Synthesis and Investigation of New Macrocyclic Diphosphine-Palladium(0) Complexes Based on the Barbiturate Binding Receptor. <i>Organometallics</i> , 2002, 21, 5243-5253.	2.6	26
295	Decelerating Effect of Alkenes in the Oxidative Addition of Phenyl Iodide to Palladium(0) Complexes in Heck Reactions. <i>Organometallics</i> , 2002, 21, 4540-4545.	2.6	57
296	Mechanism of the oxidative addition of Pd0 complexes generated from Pd0(dba)2 and a phosphole ligand DBP: a special case where dba does not play any inhibiting role. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 416-423.	1.9	14
297	Oxidative dimerisation of some stabilised carbanions: a mechanistic investigation. <i>Journal of Electroanalytical Chemistry</i> , 2002, 532, 319-329.	3.9	11
298	Mechanistic investigation of the anodic oxidation of 3,4,5-trimethoxytoluene in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 2002, 537, 39-46.	3.9	15
299	Formation of Palladium(0) Complexes from Pd(OAc)2 and a Bidentate Phosphine Ligand (dppp) and Their Reactivity in Oxidative Addition. <i>Organometallics</i> , 2001, 20, 3241-3249.	2.6	158
300	Synthesis, X-ray Structure, Electrochemical, and EPR Studies of a Pentacoordinated Mn(II) Tetramethylcyclam Complex. <i>Inorganic Chemistry</i> , 2001, 40, 5722-5726.	4.2	34
301	Diffusion at Double Microband Electrodes Operated within a Thin Film Coating. Theory and Experimental Illustration. <i>Journal of Physical Chemistry B</i> , 2001, 105, 8694-8703.	2.7	41
302	Photochemical Generation of Cyclopentadienyliron Dicarboxyl Anion by a Nicotinamide Adenine Dinucleotide Dimer Analogue. <i>Inorganic Chemistry</i> , 2001, 40, 1213-1219.	4.2	8
303	Importance of the Presence of Chloride Ions in the First Steps of Palladium-Catalyzed Nucleophilic Allylic Substitutions. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 873-880.	2.2	45
304	Kinetics of the Oxidative Addition of ortho-Substituted Aryl Halides to Palladium(0) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2675-2681.	2.2	23
305	Ultrafast Voltammetry of Adsorbed Redox Active Dendrimers with Nanometric Resolution: An Electrochemical Microtome. <i>ChemPhysChem</i> , 2001, 2, 130-134.	2.3	88
306	Rate and Mechanism of the Reversible Formation of Cationic (η^3 -Allyl)-palladium Complexes in the Oxidative Addition of Allylic Acetate to Palladium(0) Complexes Ligated by Diphosphanes. <i>Chemistry - A European Journal</i> , 2001, 7, 1273-1280.	3.9	39

#	ARTICLE	IF	CITATIONS
307	Rate and Mechanism of the Oxidative Addition of Phenyl Iodide to Pd0 Ligated by Triphenylarsine: Evidence for the Formation of a T-Shaped Complex [PhPdI(AsPh ₃)] and for the Decelerating Effect of CH ₂ =CH- $\hat{\sim}$ SnBu ₃ by Formation of [Pd0($\hat{\sim}$ -2-CH ₂ =CH- $\hat{\sim}$ SnBu ₃)(AsPh ₃) ₂]. Chemistry - A European Journal, 2001, 7, 2134-2142.	3.9	49
308	Precise Adjustment of Nanometric-Scale Diffusion Layers within a Redox Dendrimer Molecule by Ultrafast Cyclic Voltammetry: An Electrochemical Nanometric Microtome. Chemistry - A European Journal, 2001, 7, 2206-2226.	3.9	128
309	Synthesis of Lipidated eNOS Peptides by Combining Enzymatic, Noble Metal- and Acid-Mediated Protecting Group Techniques with Solid Phase Peptide Synthesis and Fragment Condensation in Solution. Chemistry - A European Journal, 2001, 7, 2933-2939.	3.9	42
310	Monitoring Concentration Profiles In Situ with an Ultramicroelectrode Probe. Electroanalysis, 2001, 13, 646-652.	3.0	35
311	The real meaning of Nernst's steady diffusion layer concept under non-forced hydrodynamic conditions. A simple model based on Levich's seminal view of convection. Journal of Electroanalytical Chemistry, 2001, 500, 62-70.	3.9	143
312	Reactivity of palladium(0) complexes in the oxidative addition of allylic acetates. Electrochimica Acta, 2001, 46, 3237-3244.	5.4	12
313	Rate and mechanism of the reversible formation of a cationic ($\hat{\sim}$ -3-allyl)palladium(II) complex in the oxidative addition of allylic acetate to a palladium(0) complex ligated by diop: an unusual behavior. Journal of Organometallic Chemistry, 2001, 624, 217-222.	1.9	6
314	Mechanism of the Nickel-Catalyzed Electrosynthesis of Ketones by Heterocoupling of Acyl and Benzyl Halides. , 2001, , 69-80.		0
315	Micrometrically Controlled Surface Modification of Teflon $\hat{\sim}$ by Redox Catalysis: Electrochemical Coupling between Teflon $\hat{\sim}$ and a Gold Band Ultramicroelectrode. Chemistry - A European Journal, 2000, 6, 820-835.	3.9	20
316	Oxidative Addition of Palladium(0) Complexes Generated from [Pd(dba) ₂] and P-N Ligands: A Kinetic Investigation. Chemistry - A European Journal, 2000, 6, 1474-1482.	3.9	38
317	Adrenaline Release by Chromaffin Cells: Constrained Swelling of the Vesicle Matrix Leads to Full Fusion. Angewandte Chemie, 2000, 112, 2028-2031.	2.1	15
318	Oxidative Addition of Allylic Carbonates to Palladium(0) Complexes: Reversibility and Isomerization. Chemistry - A European Journal, 2000, 6, 3372-3376.	3.9	50
319	Adrenaline Release by Chromaffin Cells: Constrained Swelling of the Vesicle Matrix Leads to Full Fusion. Angewandte Chemie - International Edition, 2000, 39, 1952-1955.	14.8	42
320	Cyclic voltammetric studies of copper complexes catalyzing atom transfer radical polymerization. Macromolecular Chemistry and Physics, 2000, 201, 1625-1631.	2.4	228
321	Reversible Formation of a Cationic Palladium(II) Hydride [HPd(PPh ₃) ₃] ₂ in the Oxidative Addition of Acetic or Formic Acid to Palladium(0) in DMF. European Journal of Inorganic Chemistry, 2000, 2000, 1855-1859.	2.2	49
322	Mapping dynamic concentration profiles with micrometric resolution near an active microscopic surface by confocal resonance Raman microscopy. Application to diffusion near ultramicroelectrodes: first direct evidence for a conproportionation reaction. Journal of Electroanalytical Chemistry, 2000, 484, 1-17.	3.9	60
323	Ohmic drop compensation in cyclic voltammetry at scan rates in the megavolt per second range: access to nanometric diffusion layers via transient electrochemistry. Journal of Electroanalytical Chemistry, 2000, 486, 141-155.	3.9	128
324	Synthesis, characterization and X-ray crystal structure of cyclam derivatives. Part III. Formation and electrochemically induced isomerization of copper complexes of 1,8-bis(N,N-dimethylcarbamoylmethyl)-4,11-dimethyl-1,4,8,11-tetraazacyclotetradecane. Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 2000, 3, 211-222.	0.1	6

#	ARTICLE	IF	CITATIONS
325	Mapping concentration profiles within the diffusion layer of an electrodePart I. Confocal resonance Raman microscopy. <i>Electrochemistry Communications</i> , 2000, 2, 235-239.	4.8	46
326	Mapping concentration profiles within the diffusion layer of an electrodePart II. Potentiometric measurements with an ultramicroelectrode. <i>Electrochemistry Communications</i> , 2000, 2, 248-253.	4.8	41
327	Mapping concentration profiles within the diffusion layer of an electrode. <i>Electrochemistry Communications</i> , 2000, 2, 353-358.	4.8	53
328	Ultrafast cyclic voltammetry: performing in the few megavolts per second range without ohmic drop. <i>Electrochemistry Communications</i> , 2000, 2, 81-84.	4.8	99
329	Mechanism of the Nickel-Catalyzed Electrosynthesis of Ketones by Heterocoupling of Acyl and Benzyl Halides. <i>Monatshefte für Chemie</i> , 2000, 131, 1293-1304.	1.8	45
330	Microelectrodes. Definitions, characterization, and applications (Technical report). <i>Pure and Applied Chemistry</i> , 2000, 72, 1483-92.	2.0	328
331	Interplay between membrane dynamics, diffusion and swelling pressure governs individual vesicular exocytotic events during release of adrenaline by chromaffin cells. <i>Biochimie</i> , 2000, 82, 481-496.	2.9	74
332	Analysis of individual biochemical events based on artificial synapses using ultramicroelectrodes: cellular oxidative burst. <i>Faraday Discussions</i> , 2000, 116, 319-333.	3.7	76
333	Anionic Pd(0) and Pd(II) Intermediates in Palladium-Catalyzed Heck and Cross-Coupling Reactions. <i>Accounts of Chemical Research</i> , 2000, 33, 314-321.	16.6	1,067
334	Mechanistic and kinetic studies of palladium catalytic systems. <i>Journal of Organometallic Chemistry</i> , 1999, 576, 254-278.	1.9	481
335	Steady state voltammetry at low electrolyte/reactant concentration ratios: what it means and what it does not mean. <i>Journal of Electroanalytical Chemistry</i> , 1999, 463, 45-52.	3.9	25
336	Mechanistic investigation of the anodic oxidation of p-methoxytoluene in dry and wet acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1999, 464, 85-92.	3.9	34
337	Formation of Anionic PdX ₃ (PPh ₃) ⁻ Complexes by Reaction of Halide Ions with PdX ₂ (PPh ₃) ₂ . <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1081-1085.	2.2	20
338	Electrosynthesis of Aromatic Aldehydes by Palladium-Catalyzed Carbonylation of Aryl Iodides in the Presence of Formic Acid. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1471-1473.	2.5	21
339	Artificial Neurons with Logical Properties Based on Paired-Band Microelectrode Assemblies. <i>Chemistry - A European Journal</i> , 1999, 5, 456-465.	3.9	34
340	Evidence of the Reversible Formation of Cationic π -Allylpalladium(II) Complexes in the Oxidative Addition of Allylic Acetates to Palladium(0) Complexes. <i>Chemistry - A European Journal</i> , 1999, 5, 466-473.	3.9	75
341	Time-Resolved Dynamics of the Vesicle Membrane During Individual Exocytotic Secretion Events, as Extracted from Amperometric Monitoring of Adrenaline Exocytosis from Chromaffin Cells. <i>Chemistry - A European Journal</i> , 1999, 5, 2151-2162.	3.9	51
342	Amplification of the Inflammatory Cellular Redox State by Human Immunodeficiency Virus Type 1-Immunosuppressive Tat and gp160 Proteins. <i>Journal of Virology</i> , 1999, 73, 1447-1452.	3.5	40

#	ARTICLE	IF	CITATIONS
343	Reactivity of Transient 17- and 19-Electron Nickel(I)-Centred Radicals: CpNi(PR ₃) and CpNi(PR ₃) ₂ . Redox Properties and Formation of the Zero-Valent Anionic Nickelate CpNi(PPh ₃) ₂ ⁻ . Acta Chemica Scandinavica, 1999, 53, 920-927.	0.7	8
344	Role of dba in the reactivity of palladium(0) complexes generated in situ from mixtures of Pd(dba) ₂ and phosphines. Coordination Chemistry Reviews, 1998, 178-180, 511-528.	19.6	165
345	Unexpected bell-shaped effect of the ligand on the rate of the oxidative addition to palladium(0) complexes generated in situ from mixtures of Pd(dba) ₂ and para-substituted triarylphosphines. Inorganica Chimica Acta, 1998, 273, 76-84.	2.5	53
346	Cyclovoltammetric studies on the reaction of dihydridotetrakis(triphenylphosphane)ruthenium(II) with methyl acrylate. CH-activation of methyl acrylate in the presence of Ru(O)(MA) ₂ (PPh ₃) ₂ . Journal of Organometallic Chemistry, 1998, 561, 175-179.	1.9	2
347	Electron transfer catalysis of the hydrogenolysis of acyl dicarbonyl cyclopentadienyliron complexes by tributyltin hydride. Journal of Organometallic Chemistry, 1998, 567, 25-29.	1.9	4
348	About potential measurements in steady state voltammetry at low electrolyte/analyte concentration ratios. Journal of Electroanalytical Chemistry, 1998, 443, 137-148.	3.9	34
349	Potential measurements in steady state voltammetry at low electrolyte/analyte concentration ratios. Role of convection on ohmic drop: a simplified model. Journal of Electroanalytical Chemistry, 1998, 446, 91-105.	3.9	26
350	Mimicking neuronal synaptic behavior: Processing of information with $\hat{\wedge}$ AND $\hat{\wedge}$ ™ or $\hat{\wedge}$ OR $\hat{\wedge}$ ™ Boolean logic via paired-band microelectrode assemblies. Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 1998, 1, 509-515.	0.1	7
351	Dichloro(1,4,8,11-tetraazacyclotetradecane)manganese(III) chloride: cis $\hat{\wedge}$ trans isomerisation evidenced by infrared and electrochemical studies. Journal of the Chemical Society Dalton Transactions, 1998, , 2233-2240.	1.1	18
352	Comparative Reactivity of Palladium(0) Complexes Generated in Situ in Mixtures of Triphenylphosphine or Tri-2-furylphosphine and Pd(dba) ₂ . Organometallics, 1998, 17, 2958-2964.	2.6	44
353	Dynamics of the Electrochemical Behavior of Diimine Tricarbonyl Rhenium(I) Complexes in Strictly Aprotic Media. Journal of Physical Chemistry B, 1998, 102, 4759-4769.	2.7	77
354	Electron-Transfer-Induced Geometrical Isomerization of the Dinitrile Complexescis-[Re(NCR) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄] (R = Aryl, Alkyl): $\hat{\wedge}$ Rates, Mechanism, and Ligand Effects. Inorganic Chemistry, 1998, 37, 2344-2350.	4.2	26
355	Investigation of the Mechanism of Palladium-Catalyzed Reactions by Electrochemistry. , 1998, , 379-382.		2
356	Ultramicroelectrodes: Their Use in Semi-Artificial Synapses. , 1998, , 409-412.		0
357	Evidence for an Equilibrium between Neutral and Cationic Arylpalladium(II) Complexes in DMF. Mechanism of the Reduction of Cationic Arylpalladium(II) Complexes.. Acta Chemica Scandinavica, 1998, 52, 100-106.	0.7	42
358	Electrochemical and IR/UV $\hat{\wedge}$ Vis Spectroelectrochemical Studies of fac-[Mn(X)(CO) ₃ (iPr-DAB)] _n (n= 0, X =) Tj ETQq0 0 0 rgBT /Overlock 1	2.6	53
359	Variable Temperatures: $\hat{\wedge}$ Relation between Electrochemical and Photochemical Generation of [Mn(CO) ₃ ($\hat{\wedge}$ -diimine)] ⁻ . Organometallics, 1997, 16, 4675-4685.	2.6	53
360	Divalent Palladium and Platinum Complexes Containing Rigid Bidentate Nitrogen Ligands and Electrochemistry of the Palladium Complexes1. Organometallics, 1997, 16, 317-328.	2.6	53
360	Identification of the Effective Palladium(0) Catalytic Species Generated in Situ from Mixtures of Pd(dba) ₂ and Bidentate Phosphine Ligands. Determination of Their Rates and Mechanism in Oxidative Addition. Journal of the American Chemical Society, 1997, 119, 5176-5185.	14.6	227

#	ARTICLE	IF	CITATIONS
361	Synthesis of terminal-biradical compounds consisting of two N-oxyl groups connected with conjugated π -systems. <i>Tetrahedron Letters</i> , 1997, 38, 7391-7394.	1.4	17
362	Mechanism of the electrochemical oxidation of zero valent palladium complexes. <i>Journal of Electroanalytical Chemistry</i> , 1997, 422, 125-132.	3.9	19
363	Successive electron-transfers in low ionic strength solutions. Migrational flux coupling by homogeneous electron transfer reactions. <i>Journal of Electroanalytical Chemistry</i> , 1997, 439, 173-182.	3.9	52
364	Structural Effects in the Reductive Activation of (Indenyl)RhL ₂ Complexes: The Reduction of [Rh(η -5-C ₉ H ₇)(η -4-cod)]. <i>Chemistry - A European Journal</i> , 1997, 3, 279-285.	3.9	24
365	Evidence for a Michaelis-Menten Type Mechanism in the Electrocatalytic Oxidation of Mercaptopropionic Acid by an Amavadin Model. <i>Journal of the American Chemical Society</i> , 1996, 118, 7568-7573.	14.6	54
366	Mechanistic and synthetic aspects of a novel route to poly-p-xylylene (PPX) via nickel complex catalysed electropolymerisation of 1,4-bis(chloromethyl)benzene. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2447.	0.9	15
367	Electrogeneration of Triphenyltin Radical, Anion, and Cation. Electrochemical Initiation of Tin Hydride-Promoted Radical Chain Reactions. <i>Journal of Organic Chemistry</i> , 1996, 61, 9402-9408.	3.3	13
368	Interdigitated Array Electrode as an Alternative to the Rotated Ring-Disk Electrode for Determination of the Reaction Products of Dioxygen Reduction. <i>Analytical Chemistry</i> , 1996, 68, 2951-2958.	6.8	41
369	Equivalence between Microelectrodes of Different Shapes: Between Myth and Reality. <i>Analytical Chemistry</i> , 1996, 68, 4377-4388.	6.8	87
370	Synthesis, Structure, Reactivity, and Electrochemical Study of a (2,2-Biphosphinine)(η -5-pentamethylcyclopentadienyl)chlororuthenium(II) Complex. <i>Organometallics</i> , 1996, 15, 3267-3274.	2.6	35
371	Paired Electrosynthesis at the Femtoliter Scale: Formation of 9,10-Anthracenedione from the Oxidation of Anthracene and Reduction of Dioxygen. <i>Journal of the American Chemical Society</i> , 1996, 118, 1482-1486.	14.6	36
372	Oxidative Addition of Aryl Halides to Transient Anionic π -Aryl-Palladium(0) Intermediates: Application to Palladium-Catalyzed Reductive Coupling of Aryl Halides. <i>Chemistry - A European Journal</i> , 1996, 2, 957-966.	3.9	79
373	Rates and Mechanism of the Formation of Zerovalent Palladium Complexes from Mixtures of Pd(OAc) ₂ and Tertiary Phosphines and Their Reactivity in Oxidative Additions. <i>Organometallics</i> , 1995, 14, 1818-1826.	2.6	328
374	Radical Tandem Cyclizations by Anodic Decarboxylation of Carboxylic Acids. <i>Synthesis</i> , 1995, 1995, 1432-1444.	2.3	37
375	Migrational Effects on Second Waves of EE Mechanisms under Steady State or Quasi Steady State Regimes. <i>Analytical Chemistry</i> , 1995, 67, 2800-2811.	6.8	48
376	Is Selective Monosubstitution of Dihalides via SRN1 Reaction Feasible? An Electrochemical Approach for Dichloroarenes. <i>Journal of Organic Chemistry</i> , 1995, 60, 18-26.	3.3	13
377	Rate and Mechanism of the Reductions of Iron Pentacarbonyl and Chromium Hexacarbonyl to Their Metalate Complexes. <i>Organometallics</i> , 1995, 14, 640-649.	2.6	26
378	Monitoring an oxidative stress mechanism at a single human fibroblast. <i>Analytical Chemistry</i> , 1995, 67, 3382-3390.	6.8	133

#	ARTICLE	IF	CITATIONS
379	New synthetic applications of water-soluble acetate Pd/TPPTS catalyst generated in Situ. evidence for a true Pd(0) species intermediate. Journal of Organic Chemistry, 1995, 60, 6829-6839.	3.3	207
380	Use of 2,2'-Biphosphinines for the Stabilization of Reduced Transition Metal Species: Electrochemical Reduction of Bis(2,2'-biphosphinine)nickel(0). Inorganic Chemistry, 1995, 34, 11-12.	4.2	39
381	Evidence for the Ligation of Palladium(0) Complexes by Acetate Ions: Consequences on the Mechanism of Their Oxidative Addition with Phenyl Iodide and PhPd(OAc)(PPh ₃) ₂ as Intermediate in the Heck Reaction. Organometallics, 1995, 14, 5605-5614.	2.6	277
382	Disproportionation During Electrooxidation of Catecholamines at Carbon-Fiber Microelectrodes. Analytical Chemistry, 1994, 66, 3611-3617.	6.8	111
383	Rates and Mechanism of Oxidative Two-Electron-Transfer-Induced cis to trans Isomerization of the Nitrile Complex [ReCl(NCC6H ₄ Me-4)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. Organometallics, 1994, 13, 3943-3951.	2.6	27
384	Reduction-Promoted Sulfur-Oxygen Bond Cleavage in a Nickel Sulfenate as a Model for the Activation of [NiFe] Hydrogenase. Journal of the American Chemical Society, 1994, 116, 9355-9356.	14.6	51
385	Electrosyntheses of disaccharides from phenyl or ethyl 1-thioglycosides. Carbohydrate Research, 1993, 244, 237-246.	2.4	64
386	Intimate mechanism of oxidative addition to zerovalent palladium complexes in the presence of halide ions and its relevance to the mechanism of palladium-catalyzed nucleophilic substitutions. Journal of the American Chemical Society, 1993, 115, 9531-9541.	14.6	248
387	Theory of electrochemical luminescence at double band electrodes. An examination of "steady-state" diffusion at ultramicroelectrodes. Analytical Chemistry, 1993, 65, 2311-2316.	6.8	37
388	Rates and mechanisms of oxidative addition to zerovalent palladium complexes generated in situ from mixtures of Pd ₀ (dba) ₂ and triphenylphosphine. Organometallics, 1993, 12, 3168-3178.	2.6	222
389	Unconventional Electrochemistry at Ultramicroelectrodes: New Approaches for the Investigation of Chemical Reactivity. , 1993, , 625-644.		0
390	One Two-Electron vs Two One-Electron Mechanisms in the Catalysis of Electrocarboxylation of Aryl Halides by Nickel and Palladium Complexes. , 1993, , 307-310.		0
391	Carbon dioxide as a C1 building block. Mechanism of palladium-catalyzed carboxylation of aromatic halides. Journal of the American Chemical Society, 1992, 114, 7076-7085.	14.6	109
392	Analysis of diffusional broadening of vesicular packets of catecholamines released from biological cells during exocytosis. Analytical Chemistry, 1992, 64, 3077-3083.	6.8	149
393	Electrochemically induced dehydrogenation of the hydride complexes [ReClH(NCR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. A mechanistic study. Journal of the Chemical Society Chemical Communications, 1992, , 1289.	2.0	19
394	Structural and electrochemical study of a 2,2'-biphosphinine. Organometallics, 1992, 11, 2475-2479.	2.6	46
395	Transition-metal derivatives of the cyclopentadienylphosphine ligands. 7. Electrochemical oxidation of rhodium complex [Rh(.mu.-C ₅ H ₄ PPh ₂)(CO)] ₂ and rereduction: an ECE process including a fast reversible configurational switch. Organometallics, 1992, 11, 4150-4156.	2.6	7
396	Evidence of the formation of zerovalent palladium from Pd(OAc) ₂ and triphenylphosphine. Organometallics, 1992, 11, 3009-3013.	2.6	485

#	ARTICLE	IF	CITATIONS
397	Electrooxidative initiation of tin hydride-promoted radical chain reactions. <i>Tetrahedron Letters</i> , 1992, 33, 6495-6498.	1.4	17
398	Radical chain addition of iodo-perfluoroalkanes to ethylenic or acetylenic substrates. Comparison of rates of iodine atom transfer from C ₄ F ₉ I to $\dot{\text{I}}\text{-vinyl}$ and $\dot{\text{I}}\text{-alkyl I}\pm\text{F alkyl radicals}$. <i>Journal of Fluorine Chemistry</i> , 1992, 56, 249-258.	1.7	11
399	New concept for a potentiostat for on-line ohmic drop compensation in cyclic voltammetry above 300 kV s ⁻¹ . <i>Journal of Electroanalytical Chemistry</i> , 1992, 324, 33-58.	3.9	57
400	Standard oxidation potentials of methylbenzenes in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1992, 325, 239-246.	3.9	19
401	Rates and mechanism of the reversible oxidative addition of (Z)- and (E)-1,2-dichloroethylene to low-ligated zerovalent palladium. <i>Journal of the American Chemical Society</i> , 1991, 113, 1670-1677.	14.6	60
402	Theory and experiment for the collector-generator triple-band electrode. <i>Analytical Chemistry</i> , 1991, 63, 1403-1408.	6.8	61
403	Activation of carbon dioxide by electron transfer and transition metals. Mechanism of nickel-catalyzed electrocarboxylation of aromatic halides. <i>Journal of the American Chemical Society</i> , 1991, 113, 2819-2825.	14.6	154
404	Role and effects of halide ions on the rates and mechanisms of oxidative addition of iodobenzene to low-ligated zerovalent palladium complexes Pd ₀ (PPh ₃) ₂ . <i>Journal of the American Chemical Society</i> , 1991, 113, 8375-8384.	14.6	269
405	Nonlinear optical properties of asymmetric polyphenyls: Efficiency versus transparency trade-off. <i>Chemical Physics</i> , 1991, 150, 117-123.	2.0	67
406	Mechanism of nickel-catalysed electron transfer activation of aromatic halides. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 306, 125-140.	0.1	43
407	Mechanism of nickel-catalysed electron transfer activation of aromatic halides. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 306, 141-156.	0.1	27
408	Coupling between radical and anion in the outersphere oxidation of $\dot{\text{I}}\pm\text{-sulfonyl carbanions}$. Its role on the product distribution between dimeric olefin and disulfone. <i>Tetrahedron</i> , 1991, 47, 777-789.	2.0	14
409	Chemical Applications of Electrochemistry at Ultramicroelectrodes. , 1991, , 269-282.		0
410	Is cyclic voltammetry above a few hundred kilovolts per second still cyclic voltammetry?. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 296, 335-358.	0.1	40
411	Efficient palladium-catalyzed synthesis of unsymmetrical donor-acceptor biaryls and polyaryls. <i>Journal of Organometallic Chemistry</i> , 1990, 390, 389-398.	1.9	59
412	Glycosylation Using a One-Electron-Transfer Homogeneous Reagent: A Novel and Efficient Synthesis of $\dot{\text{I}}\pm\text{-Linked Disaccharides}$. <i>Synlett</i> , 1990, 1990, 572-574.	1.8	85
413	Electrochemical glycosylation using phenyl S-glycosides. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 718.	2.0	84
414	Electron-transfer-catalyzed chelation of dithiocarbamate iron complexes [Fe($\eta\text{-}5\text{-C}_5\text{R}_5$)($\eta\text{-}1\text{SC(S)NMe}_2$)(CO) ₂] (R = H, Me) induced by oxidation. <i>Organometallics</i> , 1990, 9, 630-640.	2.6	18

#	ARTICLE	IF	CITATIONS
415	Theory and experimental illustration of preparative electrochemistry using redox catalysis of electron transfer initiated radical chain reactions. Application to the cross-coupling between aryl halides and phenoxide ions. <i>Journal of Organic Chemistry</i> , 1990, 55, 6347-6356.	3.3	32
416	Electron paramagnetic resonance and electrochemical study of the oxidation chemistry of mononuclear and binuclear chromium carbonyl thiolates. <i>Journal of the American Chemical Society</i> , 1990, 112, 5789-5797.	14.6	32
417	Mechanism of oxidative addition of palladium(0) with aromatic iodides in toluene, monitored at ultramicroelectrodes. <i>Organometallics</i> , 1990, 9, 2276-2282.	2.6	212
418	Rates and Mechanisms of Electron Transfer/Nickel-Catalyzed Homocoupling and Carboxylation Reactions. An Electrochemical Approach.. <i>Acta Chemica Scandinavica</i> , 1990, 44, 755-764.	0.7	21
419	Stabilization of bis(triphenylphosphine)palladium(0) by chloride ions. Electrochemical generation of highly reactive zerovalent palladium complexes. <i>Journal of Organometallic Chemistry</i> , 1989, 363, C41-C45.	1.9	57
420	Electrosynthesis of 2,2,6,6-tetraaryl 4,4-bipyrranylidenes with eight flexible chains. <i>Tetrahedron Letters</i> , 1989, 30, 1383-1386.	1.4	13
421	Unexpected single electron transfer catalysed cyclisation of prenyl sulphone dimer. Evidence for radical anion coupling in the outer-sphere oxidation of prenyl sulphone carbanion. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1543.	2.0	8
422	Electrochemical reduction of iron pentacarbonyl revisited. <i>Organometallics</i> , 1988, 7, 2426-2428.	2.6	29
423	Construction and use of paired and triple band microelectrodes in solutions of low ionic strength. <i>Analytical Chemistry</i> , 1988, 60, 2167-2169.	6.8	62
424	Rates and mechanism of biphenyl synthesis catalyzed by electrogenerated coordinatively unsaturated nickel complexes. <i>Organometallics</i> , 1988, 7, 2203-2214.	2.6	169
425	Fast Techniques in Electrochemistry Application to the Study of Chemical Reactivity. , 1988, , 73-89.		0
426	Electrochemically catalyzed aromatic nucleophilic substitution. Phenoxide ion as nucleophile. <i>Journal of Organic Chemistry</i> , 1988, 53, 1496-1504.	3.3	54
427	Phenoxide ions as nucleophiles in SRN1 aromatic nucleophilic substitution. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 7-8.	2.0	21
428	Chelation of iron(II) dithiocarbamates: an electrocatalytic process with an endergonic cross electron-transfer propagation step. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 200.	2.0	9
429	Selective electrochemical and photochemical syntheses of unsymmetrical biaryls and their non-linear optical properties. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 203.	2.0	40
430	Electrochemically induced aromatic substitution. The 2-nitropropane anion, a powerful nucleophile in SRN1 aromatic substitution. <i>Journal of Organic Chemistry</i> , 1986, 51, 3757-3761.	3.3	21
431	Electrochemically catalyzed aromatic nucleophilic substitution. Reactivity of cyanide ions toward aryl radicals in liquid ammonia. <i>Journal of the American Chemical Society</i> , 1986, 108, 4754-4760.	14.6	31
432	Effects of restricted diffusion at ultramicroelectrodes in brain tissue. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1986, 213, 31-42.	0.1	61

#	ARTICLE	IF	CITATIONS
433	Mechanism of the electrochemical reduction of hydroxyiminoanthraquinones in DMF. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1986, 207, 151-160.	0.1	11
434	Electrochemically induced SRN1 aromatic nucleophilic substitution. Absolute reactivities of phenyl derivatives in liquid ammonia. Journal of the American Chemical Society, 1985, 107, 4846-4853.	14.6	47
435	Kinetics and mechanism of self-protonation reactions in organic electrochemical processes. Journal of the American Chemical Society, 1985, 107, 1815-1824.	14.6	156
436	Nucleophile and aryl radical reactivity in SRN1 aromatic nucleophilic substitution reactions. Absolute and relative electrochemical determination. Journal of the American Chemical Society, 1985, 107, 3451-3459.	14.6	78
437	Electron-transfer-induced reactions. A novel approach based on electrochemical redox catalysis. Application to aromatic nucleophilic substitutions. Journal of the American Chemical Society, 1984, 106, 6318-6321.	14.6	41
438	Electrosynthesis of hydridometal carbonyls. Rapid ligand substitution in transient MnO intermediates from the reduction of carbonylmanganese(I) cations. Journal of the Chemical Society Chemical Communications, 1983, , 397.	2.0	12
439	Electron transfer induced reactions. Electrochemically stimulated aromatic nucleophilic substitution in organic solvents. Journal of the American Chemical Society, 1982, 104, 817-826.	14.6	51
440	Hydrogen atom transfer oxidation of primary and secondary alcoholates into aldehydes and ketones by aromatic halides in liquid ammonia. A new electrochemically inducible reaction. Journal of the American Chemical Society, 1982, 104, 1979-1986.	14.6	36
441	Electron-transfer-induced reactions. Termination steps and efficiency of the chain process in SRN1 aromatic substitutions. Journal of the American Chemical Society, 1981, 103, 6930-6937.	14.6	34
442	Mechanism and kinetic characteristics of the electrochemical reduction of carbon dioxide in media of low proton availability. Journal of the American Chemical Society, 1981, 103, 5021-5023.	14.6	409
443	Electrochemically induced aromatic nucleophilic substitution in liquid ammonia. Competition with electron transfer. Journal of the American Chemical Society, 1979, 101, 6012-6020.	14.6	59
444	Vesicular Neurotransmitters Exocytosis Monitored by Amperometry: Theoretical Quantitative Links Between Experimental Current Spikes Shapes and Intravesicular Structures.. Chemical Science, 0, , .	7.8	0