

William R Heineman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8343686/publications.pdf>

Version: 2024-02-01

224
papers

11,580
citations

34016

52
h-index

33814

99
g-index

231
all docs

231
docs citations

231
times ranked

10769
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Spectroelectrochemistry Using Optically Transparent Electrodes â€” Ted Kuwana and the Early Years. <i>Electroanalysis</i> , 2022, 34, 1826-1833. | 1.5 | 3 |
| 2 | Electrochemical Determination of Manganese in Whole Blood with Indium Tin Oxide Electrode. <i>Journal of the Electrochemical Society</i> , 2022, 169, 057508. | 1.3 | 3 |
| 3 | Effects of Experimental Conditions on the Signaling Fidelity of Impedance-Based Nucleic Acid Sensors. <i>Analytical Chemistry</i> , 2021, 93, 812-819. | 3.2 | 16 |
| 4 | Parts per trillion detection of heavy metals in as-is tap water using carbon nanotube microelectrodes. <i>Analytica Chimica Acta</i> , 2021, 1155, 338353. | 2.6 | 30 |
| 5 | Electrochemical Affinity Assays/Sensors: Brief History and Current Status. <i>Annual Review of Analytical Chemistry</i> , 2021, 14, 109-131. | 2.8 | 18 |
| 6 | A Visual Hydrogen Sensor Prototype for Monitoring Magnesium Implant Biodegradation. <i>Analytical Chemistry</i> , 2021, 93, 10487-10494. | 3.2 | 6 |
| 7 | Sensitive Electrochemical Detection of Microcystin-LR in Water Samples Via Target-Induced Displacement of Aptamer Associated [Ru(NH ₃) ₆] ³⁺ . <i>ACS ES&T Engineering</i> , 2021, 1, 1597-1605. | 3.7 | 7 |
| 8 | Editorsâ€™ Choiceâ€™ Reviewâ€™ From Polarography to Electrochemical Biosensors: The 100-Year Quest for Selectivity and Sensitivity. <i>Journal of the Electrochemical Society</i> , 2021, 168, 116504. | 1.3 | 5 |
| 9 | Indicator Dyes and Catalytic Nanoparticles for Irreversible Visual Hydrogen Sensing. <i>Analytical Chemistry</i> , 2020, 92, 10651-10658. | 3.2 | 8 |
| 10 | Effect of Lithium and Aluminum on the Mechanical Properties, <i>in Vivo</i> and <i>In Vitro</i> Degradation, and Toxicity of Multiphase Ultrahigh Ductility Mgâ€”Liâ€”Alâ€”Zn Quaternary Alloys for Vascular Stent Application. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1950-1964. | 2.6 | 10 |
| 11 | Visual Hydrogen Mapping Sensor for Noninvasive Monitoring of Bioresorbable Magnesium Implants <i>In Vivo</i> . <i>Jom</i> , 2020, 72, 1851-1858. | 0.9 | 6 |
| 12 | Electroosmotic flow driven microfluidic device for bacteria isolation using magnetic microbeads. <i>Scientific Reports</i> , 2019, 9, 14228. | 1.6 | 15 |
| 13 | A Comprehensive Review: Development of Electrochemical Biosensors for Detection of Cyanotoxins in Freshwater. <i>ACS Sensors</i> , 2019, 4, 1151-1173. | 4.0 | 92 |
| 14 | Electrochemistry of Controlled Diameter Carbon Nanotube Fibers at the Cross Section and Sidewall. <i>ACS Applied Energy Materials</i> , 2019, 2, 8757-8766. | 2.5 | 8 |
| 15 | <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Multiphase Ultrahigh Ductility Mgâ€”Liâ€”Zn Alloys for Cardiovascular Stent Application. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 919-932. | 2.6 | 22 |
| 16 | <i>In Situ</i> Quantification of [Re(CO) ₃] ⁺ by Fluorescence Spectroscopy in Simulated Hanford Tank Waste. <i>Environmental Science & Technology</i> , 2018, 52, 1357-1364. | 4.6 | 5 |
| 17 | <i>In vivo</i> quantification of hydrogen gas concentration in bone marrow surrounding magnesium fracture fixation hardware using an electrochemical hydrogen gas sensor. <i>Acta Biomaterialia</i> , 2018, 73, 559-566. | 4.1 | 23 |
| 18 | Spectroelectrochemical Sensor for Spectroscopically Hardâ€”toâ€”Detect Metals by <i>in situ</i> Formation of a Luminescent Complex Using Ru(II) as a Model Compound. <i>Electroanalysis</i> , 2018, 30, 2644-2652. | 1.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | In Situ Spectroscopic Analysis and Quantification of [Tc(CO) ₃] ⁺ in Hanford Tank Waste. <i>Environmental Science & Technology</i> , 2018, 52, 7796-7804. | 4.6 | 6 |
| 20 | Cathodic Stripping Voltammetric Determination of Cerium Using Indium Tin Oxide (ITO). <i>Electroanalysis</i> , 2017, 29, 1124-1130. | 1.5 | 11 |
| 21 | In vivo characterization of magnesium alloy biodegradation using electrochemical H ₂ monitoring, ICP-MS, and XPS. <i>Acta Biomaterialia</i> , 2017, 50, 556-565. | 4.1 | 47 |
| 22 | Electrochemical Sensors Continuously Monitor Magnesium Biodegradation under Cell Culture Conditions. <i>Electroanalysis</i> , 2017, 29, 1341-1349. | 1.5 | 0 |
| 23 | Determination of Manganese by Cathodic Stripping Voltammetry on a Microfabricated Platinum Thin-film Electrode. <i>Electroanalysis</i> , 2017, 29, 686-695. | 1.5 | 21 |
| 24 | Determination of Manganese in Whole Blood by Cathodic Stripping Voltammetry with Indium Tin Oxide. <i>Electroanalysis</i> , 2017, 29, 1850-1853. | 1.5 | 14 |
| 25 | Optically Transparent Thin-Film Electrode Chip for Spectroelectrochemical Sensing. <i>Analytical Chemistry</i> , 2017, 89, 7324-7332. | 3.2 | 28 |
| 26 | Electrochemical Studies of Three Dimensional Graphene Foam as an Electrode Material. <i>Electroanalysis</i> , 2017, 29, 1506-1512. | 1.5 | 9 |
| 27 | Electrochemistry of Europium(III) Chloride in 3 LiCl + NaCl, 3 LiCl + 2 KCl, LiCl + RbCl, and 3 LiCl + 2 CsCl Eutectics at Various Temperatures. <i>Journal of the Electrochemical Society</i> , 2017, 164, H5345-H5352. | 1.3 | 10 |
| 28 | Carbon Nanotube Thread Electrochemical Cell: Detection of Heavy Metals. <i>Analytical Chemistry</i> , 2017, 89, 9654-9663. | 3.2 | 41 |
| 29 | Conductivity Sensor for Real-time Monitoring of Magnesium Corrosion under Cell Culture Conditions. <i>Electroanalysis</i> , 2016, 28, 2522-2532. | 1.5 | 2 |
| 30 | Spectroelectrochemistry of EuCl ₃ in Four Molten Salt Eutectics; 3LiCl + NaCl, 3LiCl + 2KCl, LiCl + RbCl, and 3LiCl + 2CsCl; at 873 K. <i>Electroanalysis</i> , 2016, 28, 2158-2165. | 1.5 | 16 |
| 31 | Polymer-coated Boron Doped Diamond Optically Transparent Electrodes for Spectroelectrochemical Sensors. <i>Electroanalysis</i> , 2016, 28, 2228-2236. | 1.5 | 6 |
| 32 | Bare and Polymer-Coated Indium Tin Oxide as Working Electrodes for Manganese Cathodic Stripping Voltammetry. <i>Analytical Chemistry</i> , 2016, 88, 4221-4228. | 3.2 | 33 |
| 33 | In vivo monitoring the biodegradation of magnesium alloys with an electrochemical H ₂ sensor. <i>Acta Biomaterialia</i> , 2016, 36, 361-368. | 4.1 | 46 |
| 34 | Visual H ₂ sensor for monitoring biodegradation of magnesium implants in vivo. <i>Acta Biomaterialia</i> , 2016, 45, 399-409. | 4.1 | 24 |
| 35 | Electrochemical Characterization of Vertically Aligned Carbon Nanofiber Arrays Prepared by Hole-mask Colloidal Lithography. <i>Electroanalysis</i> , 2016, 28, 3039-3047. | 1.5 | 5 |
| 36 | Conductivity as a Sensor for Monitoring Relative Magnesium Corrosion Rates in Real-time, in Serum-containing Media under Cell Culture Conditions. <i>Electroanalysis</i> , 2016, 28, 3000-3008. | 1.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Absorption spectroscopy for the quantitative prediction of lanthanide concentrations in the 3LiCl-2CsCl eutectic at 723 K. <i>Analytical Methods</i> , 2016, 8, 7731-7738. | 1.3 | 38 |
| 38 | Carbon nanofiber electrode array for the detection of lead. <i>Electrochemistry Communications</i> , 2016, 73, 89-93. | 2.3 | 21 |
| 39 | Advances in H ₂ sensors for bioanalytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 269-275. | 5.8 | 17 |
| 40 | Monitoring Biodegradation of Magnesium Implants with Sensors. <i>Jom</i> , 2016, 68, 1204-1208. | 0.9 | 22 |
| 41 | Gold-coated carbon nanotube electrode arrays: Immunosensors for impedimetric detection of bone biomarkers. <i>Biosensors and Bioelectronics</i> , 2016, 77, 580-588. | 5.3 | 52 |
| 42 | Beyond graphene foam, a new form of three-dimensional graphene for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1876-1886. | 5.2 | 55 |
| 43 | Cloud Point Extraction for Electroanalysis: Anodic Stripping Voltammetry of Cadmium. <i>Analytical Chemistry</i> , 2015, 87, 6133-6140. | 3.2 | 47 |
| 44 | Electrospun Carbon Nanofiber Modified Electrodes for Stripping Voltammetry. <i>Analytical Chemistry</i> , 2015, 87, 9315-9321. | 3.2 | 70 |
| 45 | Optically Transparent Carbon Nanotube Film Electrode for Thin Layer Spectroelectrochemistry. <i>Analytical Chemistry</i> , 2015, 87, 9687-9695. | 3.2 | 21 |
| 46 | Copper-Based Electrochemical Sensor with Palladium Electrode for Cathodic Stripping Voltammetry of Manganese. <i>Analytical Chemistry</i> , 2014, 86, 12070-12077. | 3.2 | 32 |
| 47 | Improving Reproducibility of Lab-on-a-Chip Sensor with Bismuth Working Electrode for Determining Zn in Serum by Anodic Stripping Voltammetry. <i>Journal of the Electrochemical Society</i> , 2014, 161, B3160-B3166. | 1.3 | 14 |
| 48 | Simultaneous Detection of Heavy Metals by Anodic Stripping Voltammetry Using Carbon Nanotube Thread. <i>Electroanalysis</i> , 2014, 26, 488-496. | 1.5 | 103 |
| 49 | Disposable Copper-Based Electrochemical Sensor for Anodic Stripping Voltammetry. <i>Analytical Chemistry</i> , 2014, 86, 4893-4900. | 3.2 | 84 |
| 50 | Carbon Nanotube-Loaded Nafion Film Electrochemical Sensor for Metal Ions: Europium. <i>Analytical Chemistry</i> , 2014, 86, 4354-4361. | 3.2 | 56 |
| 51 | Effects of elevated magnesium and substrate on neuronal numbers and neurite outgrowth of neural stem/progenitor cells in vitro. <i>Neuroscience Research</i> , 2014, 84, 72-78. | 1.0 | 22 |
| 52 | Amperometric homogeneous competitive immunoassay in a perfluorocarbon emulsion oxygen therapeutic (PEOT). <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3541-3547. | 1.9 | 3 |
| 53 | A system for characterizing Mg corrosion in aqueous solutions using electrochemical sensors and impedance spectroscopy. <i>Acta Biomaterialia</i> , 2013, 9, 9211-9219. | 4.1 | 27 |
| 54 | Detection of Trace Zinc by an Electrochemical Microsensor based on Carbon Nanotube Threads. <i>Electroanalysis</i> , 2013, 25, 1599-1604. | 1.5 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Electrochemistry and Spectroelectrochemistry of Europium(III) Chloride in 3LiClâ€“2KCl from 643 to 1123 K. Analytical Chemistry, 2013, 85, 9924-9931. | 3.2 | 33 |
| 56 | Photophysics and Luminescence Spectroelectrochemistry of [Tc(dmpe) ₃] ⁺² (dmpe = 1,2-bis(dimethylphosphino)ethane). Journal of Physical Chemistry A, 2013, 117, 12749-12758. | 1.1 | 15 |
| 57 | Lab-on-a-Chip Sensor with Evaporated Bismuth Film Electrode for Anodic Stripping Voltammetry of Zinc. Electroanalysis, 2013, 25, 2586-2594. | 1.5 | 21 |
| 58 | The Application of Nafion Metal Catalyst Free Carbon Nanotube Modified Gold Electrode: Voltammetric Zinc Detection in Serum. Electroanalysis, 2013, 25, 2259-2267. | 1.5 | 12 |
| 59 | Cyclic voltammetric, fluorescence and biological analysis of purified aeruginosin A, a secreted red pigment of Pseudomonas aeruginosa PAO1. Microbiology (United Kingdom), 2013, 159, 1736-1747. | 0.7 | 27 |
| 60 | Simplified Nitrate-Reductase-Based Nitrate Detection by a Hybrid Thin-Layer Controlled Potential Coulometry/Spectroscopy Technique. Analytical Chemistry, 2013, 85, 9486-9492. | 3.2 | 13 |
| 61 | Fast escape of hydrogen from gas cavities around corroding magnesium implants. Acta Biomaterialia, 2013, 9, 8714-8721. | 4.1 | 237 |
| 62 | Electrochemical Studies of Catalyst Free Carbon Nanotube Electrodes. Electroanalysis, 2013, 25, 983-990. | 1.5 | 13 |
| 63 | Electrochemical Sensing of Dissolved Hydrogen in Aqueous Solutions as a Tool to Monitor Magnesium Alloy Corrosion. Electroanalysis, 2013, 25, 1105-1110. | 1.5 | 13 |
| 64 | Three-component spectroelectrochemical sensor module for the detection of pertechnetate (TcO ₄ ⁻). Reviews in Analytical Chemistry, 2013, 32, . | 1.5 | 13 |
| 65 | Palladium-based sensor for electrochemical detection of manganese in the environment. , 2013, , . | | 1 |
| 66 | A Multiwalled Carbon Nanotube-Based Biosensor for Monitoring Microcystin-LR in Sources of Drinking Water Supplies. Advanced Functional Materials, 2013, 23, 1807-1816. | 7.8 | 87 |
| 67 | Material Science Chemistry of Electrochemical Microsensors and Applications for Biofilm Research. Key Engineering Materials, 2012, 521, 113-139. | 0.4 | 4 |
| 68 | Micro Solid-Contact Ion-Selective Electrode Using a Carbon Nanotube Tower as Ion-to-Electron Transducer and Conductive Substrate. Electroanalysis, 2012, 24, 2045-2048. | 1.5 | 9 |
| 69 | Carbohydrate-Based Label-Free Detection of <i>Escherichia coli</i> ORN 178 Using Electrochemical Impedance Spectroscopy. Analytical Chemistry, 2012, 84, 241-246. | 3.2 | 128 |
| 70 | (Invited) Electrochemical Biosensors for Detecting Pathogens. ECS Meeting Abstracts, 2012, , . | 0.0 | 0 |
| 71 | Magnetic microbead-based enzyme immunoassay for ovalbumin using hydrodynamic voltammetry and fluorometric detection. Analytical Methods, 2012, 4, 1783. | 1.3 | 15 |
| 72 | Thin-Layer Spectroelectrochemistry on an Aqueous Microdrop. Electroanalysis, 2012, 24, 1065-1070. | 1.5 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Anodic Stripping Voltammetry of Heavy Metals on a Metal Catalyst Free Carbon Nanotube Electrode. <i>Electroanalysis</i> , 2012, 24, 1039-1046. | 1.5 | 35 |
| 74 | Analysis of the Electrochemical Oxidation of Multiwalled Carbon Nanotube Tower Electrodes in Sodium Hydroxide. <i>Electroanalysis</i> , 2012, 24, 1501-1508. | 1.5 | 15 |
| 75 | Assessing a Spectroelectrochemical Sensor's Performance for Detecting [Ru(bpy) ₃] ²⁺ in Natural and Treated Water. <i>Electroanalysis</i> , 2012, 24, 1517-1523. | 1.5 | 10 |
| 76 | Comparison of the Effects of Biofouling on Voltammetric and Potentiometric Measurements. <i>Electroanalysis</i> , 2012, 24, 1732-1738. | 1.5 | 21 |
| 77 | Corrosion of organosilane coated Mg ₄ Y alloy in sodium chloride solution evaluated by impedance spectroscopy and pH changes. <i>Electrochimica Acta</i> , 2012, 70, 165-170. | 2.6 | 14 |
| 78 | Electronic and Molecular Structures of trans-Dioxotechnetium(V) Polypyridyl Complexes in the Solid State. <i>Inorganic Chemistry</i> , 2011, 50, 5815-5823. | 1.9 | 19 |
| 79 | Semi-Infinite Linear Diffusion Spectroelectrochemistry on an Aqueous Micro-Drop. <i>Analytical Chemistry</i> , 2011, 83, 4214-4219. | 3.2 | 36 |
| 80 | Spectroelectrochemical Sensing of Pyrene Metabolites 1-Hydroxypyrene and 1-Hydroxypyrene-glucuronide. <i>Analytical Chemistry</i> , 2011, 83, 3725-3729. | 3.2 | 18 |
| 81 | Luminescence-Based Spectroelectrochemical Sensor for [Tc(dmpe) ₃] ²⁺ (dmpe = 1,2-bis(dimethylphosphino)ethane) within a Charge-Selective Polymer Film. <i>Analytical Chemistry</i> , 2011, 83, 1766-1772. | 3.2 | 33 |
| 82 | Lab-on-a-chip sensor for detection of highly electronegative heavy metals by anodic stripping voltammetry. <i>Biomedical Microdevices</i> , 2011, 13, 695-703. | 1.4 | 72 |
| 83 | Effect of the Concentration of Supporting Electrolyte on Spectroelectrochemical Detection of [Ru(bpy) ₃] ²⁺ . <i>Electroanalysis</i> , 2011, 23, 939-946. | 1.5 | 8 |
| 84 | Determination of Trace Metals by Anodic Stripping Voltammetry Using a Carbon Nanotube Tower Electrode. <i>Electroanalysis</i> , 2011, 23, 1252-1259. | 1.5 | 78 |
| 85 | Immunoassay detection in a perfluorocarbon emulsion oxygen therapeutic. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 675-680. | 1.9 | 1 |
| 86 | Effect of some physico-chemical conditions on an immunoassay for viable <i>Escherichia coli</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3133-3136. | 1.9 | 3 |
| 87 | Rapid Prototyped Optically Transparent Thin-Layer Electrode Holder for Spectroelectrochemistry in Bench-Top Spectrophotometers. <i>Electroanalysis</i> , 2010, 22, 2162-2166. | 1.5 | 19 |
| 88 | Parallel separations using capillary electrophoresis on a multilane microchip with multiplexed laser-induced fluorescence detection. <i>Electrophoresis</i> , 2010, 31, 2796-2803. | 1.3 | 6 |
| 89 | Fluorescence Spectroelectrochemical Sensor for 1-Hydroxypyrene. <i>Analytical Chemistry</i> , 2010, 82, 9743-9748. | 3.2 | 41 |
| 90 | Simultaneous Detection of Two Analytes Using a Spectroelectrochemical Sensor. <i>Analytical Chemistry</i> , 2010, 82, 1720-1726. | 3.2 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Electrochemical biosensors. <i>Chemical Society Reviews</i> , 2010, 39, 1747. | 18.7 | 1,463 |
| 92 | Comparing polyelectrolyte multilayer-coated PMMA microfluidic devices and glass microchips for electrophoretic separations. <i>Electrophoresis</i> , 2009, 30, 4245-4250. | 1.3 | 14 |
| 93 | Determination of viable <i>Escherichia coli</i> using antibody-coated paramagnetic beads with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 949-956. | 1.9 | 14 |
| 94 | Revolutionizing biodegradable metals. <i>Materials Today</i> , 2009, 12, 22-32. | 8.3 | 331 |
| 95 | Characterization of Partially Sulfonated Polystyrene-block-poly(ethylene-ran-butylene)-block-polystyrene Thin Films for Spectroelectrochemical Sensing. <i>Analytical Chemistry</i> , 2009, 81, 6756-6764. | 3.2 | 18 |
| 96 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 21. Selective Chemical Sensing Using Sulfonated Polystyrene-block-poly(ethylene-ran-butylene)block-polystyrene Thin Films. <i>Analytical Chemistry</i> , 2009, 81, 9599-9606. | 3.2 | 17 |
| 97 | Spectroelectrochemical Sensor: Development and Applications. <i>ECS Transactions</i> , 2009, 19, 129-134. | 0.3 | 6 |
| 98 | Protein-coaptamer binding studies using microchip affinity capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 1415-1422. | 1.3 | 28 |
| 99 | Simultaneous Multiselective Spectroelectrochemical Sensing of the Interaction between Protein and Its Ligand Using the Redox Dye Nile Blue as a Label. <i>Analytical Chemistry</i> , 2008, 80, 9642-9648. | 3.2 | 18 |
| 100 | Recent developments in electrochemical immunoassays and immunosensors. , 2008, , 115-143. | | 21 |
| 101 | Collaborative Research: The Good, the Bad, and the Beautiful. <i>ACS Symposium Series</i> , 2007, , 259-270. | 0.5 | 0 |
| 102 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 20. Detection of Metal Ions in Different Oxidation States. <i>Analytical Chemistry</i> , 2007, 79, 5594-5600. | 3.2 | 20 |
| 103 | Frontal analysis in microchip CE: A simple and accurate method for determination of protein-DNA dissociation constant. <i>Electrophoresis</i> , 2007, 28, 837-842. | 1.3 | 20 |
| 104 | Study of injection bias in a simple hydrodynamic injection in microchip CE. <i>Electrophoresis</i> , 2007, 28, 1564-1571. | 1.3 | 21 |
| 105 | Characterization and performance of injection molded poly(methylmethacrylate) microchips for capillary electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1154, 444-453. | 1.8 | 25 |
| 106 | Flow manipulation for sweeping with a cationic surfactant in microchip capillary electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1167, 217-224. | 1.8 | 10 |
| 107 | A nanotube array immunosensor for direct electrochemical detection of antigen-antibody binding. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 177-182. | 4.0 | 104 |
| 108 | On-Line Sample Preconcentration Using Field-amplified Stacking Injection in Microchip Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2006, 78, 3730-3737. | 3.2 | 61 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Highly Oxidizing Excited States of Re and Tc Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 16494-16495. | 6.6 | 35 |
| 110 | Unlimited-Volume Electrokinetic Stacking Injection in Sweeping Capillary Electrophoresis Using a Cationic Surfactant. <i>Analytical Chemistry</i> , 2006, 78, 6035-6042. | 3.2 | 42 |
| 111 | On-line sample preconcentration by sweeping with dodecyltrimethylammonium bromide in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1125, 263-269. | 1.8 | 17 |
| 112 | High sensitivity carbon nanotube tower electrodes. <i>Sensors and Actuators B: Chemical</i> , 2006, 120, 298-304. | 4.0 | 57 |
| 113 | Estimation of logPow values for neutral and basic compounds by microchip microemulsion electrokinetic chromatography with indirect fluorimetric detection (MEEKC-IFD). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 1-7. | 1.4 | 16 |
| 114 | Estimation of pKa values using microchip capillary electrophoresis and indirect fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 824, 201-205. | 1.2 | 19 |
| 115 | Microfluidic immunosensor systems. <i>Biosensors and Bioelectronics</i> , 2005, 20, 2488-2503. | 5.3 | 490 |
| 116 | Spectroelectrochemical sensing based on multimode selectivity simultaneously achievable in a single device. <i>Electrochimica Acta</i> , 2005, 50, 3191-3199. | 2.6 | 9 |
| 117 | Amperometric determination of live <i>Escherichia coli</i> using antibody-coated paramagnetic beads. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1234-1241. | 1.9 | 53 |
| 118 | Luminescence from the trans-Dioxotechnetium(V) Chromophore. <i>Journal of the American Chemical Society</i> , 2005, 127, 14978-14979. | 6.6 | 22 |
| 119 | The autofluorescence of plastic materials and chips measured under laser irradiation. <i>Lab on A Chip</i> , 2005, 5, 1348. | 3.1 | 354 |
| 120 | Spectroelectrochemical Sensor for Technetium: Preconcentration and Quantification of Per technetate in Polymer-Modified Electrodes. <i>ACS Symposium Series</i> , 2005, , 306-321. | 0.5 | 4 |
| 121 | Making and Using a Sensing Polymeric Material for Cu ²⁺ : An Introduction to Polymers and Chemical Sensing. <i>Journal of Chemical Education</i> , 2005, 82, 1370. | 1.1 | 10 |
| 122 | Bead-based immunoassays with microelectrode detection. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 358-367. | 1.9 | 39 |
| 123 | Electrochemical and optical evaluation of noble metal and carbon/ITO hybrid optically transparent electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004, 565, 311-320. | 1.9 | 53 |
| 124 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 17. Improvement in Detection Limits Using Ultrathin Perfluorosulfonated Ionomer Films in Conjunction with Continuous Sample Flow. <i>Analytical Chemistry</i> , 2004, 76, 3139-3144. | 3.2 | 27 |
| 125 | Bead-Based Electrochemical Immunoassay for Bacteriophage MS2. <i>Analytical Chemistry</i> , 2004, 76, 2700-2707. | 3.2 | 79 |
| 126 | In Situ Measurements of Chemical Sensor Film Dynamics by Spectroscopic Ellipsometry. Partitioning of a Chromophore. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11521-11528. | 1.2 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Spectroelectrochemical Sensing Based on Attenuated Total Internal Reflectance Stripping Voltammetry. 3. Determination of Cadmium and Copper. <i>Analytical Chemistry</i> , 2004, 76, 1466-1473. | 3.2 | 63 |
| 128 | In Situ Dynamic Measurements of Solâˆ“Gel Processed Thin Chemically Selective PDMDAACâˆ“Silica Films by Spectroscopic Ellipsometry. <i>Chemistry of Materials</i> , 2004, 16, 3339-3347. | 3.2 | 11 |
| 129 | An Attenuated Total Reflectance Sensor for Copper: An Experiment for Analytical or Physical Chemistry. <i>Journal of Chemical Education</i> , 2004, 81, 1617. | 1.1 | 17 |
| 130 | Further Investigations on a Poly(Vinyl Alcohol)â€” Polyelectrolyte Chemically Selective Optical Film. <i>Applied Spectroscopy</i> , 2004, 58, 608-612. | 1.2 | 6 |
| 131 | Optical and electrochemical evaluation of colloidal Au nanoparticle-ITO hybrid optically transparent electrodes and their application to attenuated total reflectance spectroelectrochemistry. <i>Electrochimica Acta</i> , 2003, 48, 4291-4299. | 2.6 | 20 |
| 132 | Spectroelectrochemical sensing: planar waveguides. <i>Electrochimica Acta</i> , 2003, 48, 3313-3323. | 2.6 | 18 |
| 133 | Microdrop analysis of a bead-based immunoassay. <i>Microchemical Journal</i> , 2003, 74, 267-276. | 2.3 | 27 |
| 134 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 11. Design and Evaluation of a Small Portable Sensor for the Determination of Ferrocyanide in Hanford Waste Samples. <i>Environmental Science & Technology</i> , 2003, 37, 123-130. | 4.6 | 50 |
| 135 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 16. Sensing by Fluorescence. <i>Analytical Chemistry</i> , 2003, 75, 6334-6340. | 3.2 | 54 |
| 136 | An integrated microfluidic biochemical detection system for protein analysis with magnetic bead-based sampling capabilities. <i>Lab on A Chip</i> , 2002, 2, 27. | 3.1 | 349 |
| 137 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 13. Detection of Aqueous Iron by in Situ Complexation with 2,2â€”Bipyridine. <i>Analytical Chemistry</i> , 2002, 74, 3330-3335. | 3.2 | 53 |
| 138 | Electrochemical immunoassay moving into the fast lane. <i>TrAC - Trends in Analytical Chemistry</i> , 2002, 21, 213-225. | 5.8 | 95 |
| 139 | Small volume bead assay for ovalbumin with electrochemical detection. <i>Analyst, The</i> , 2001, 126, 337-341. | 1.7 | 27 |
| 140 | Fluorogenic assay for Î²-glucuronidase using microchip-based capillary electrophoresis. <i>Biomedical Applications</i> , 2001, 762, 33-41. | 1.7 | 36 |
| 141 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 8. Selectivity at Poly(vinyl alcohol)-Polyelectrolyte Blend Modified Optically Transparent Electrodes. <i>Electroanalysis</i> , 2001, 13, 613-620. | 1.5 | 16 |
| 142 | â€œBugbeadâ€: an artificial microorganism model used as a harmless simulant for pathogenic microorganisms. <i>Analitica Chimica Acta</i> , 2001, 444, 13-26. | 2.6 | 16 |
| 143 | Title is missing!. <i>Biomedical Microdevices</i> , 2001, 3, 191-200. | 1.4 | 95 |
| 144 | Graphite Electrodes Coated with Poly(dimethyldiallylammonium)chloride Network Films Cross-Linked by Gamma-Irradiation. <i>Electroanalysis</i> , 2000, 12, 241-247. | 1.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Electrochemical Immunoassay with Microscopic Immunomagnetic Bead Domains and Scanning Electrochemical Microscopy. <i>Electroanalysis</i> , 2000, 12, 640-644. | 1.5 | 60 |
| 146 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 7. Sensing of Fe(CN) ₆ ⁴⁻ . <i>Electroanalysis</i> , 2000, 12, 1356-1362. | 1.5 | 21 |
| 147 | Novel Spectroelectrochemical Sensor for Ferrocyanide in Hanford Waste Simulant. <i>ACS Symposium Series</i> , 2000, , 364-378. | 0.5 | 8 |
| 148 | Oxidation-State Speciation of [ReI(DMPE) ₃] ⁺ /[ReII(DMPE) ₃] ²⁺ by Voltammetry with a Chemically Modified Microelectrode. <i>Analytical Chemistry</i> , 2000, 72, 2395-2400. | 3.2 | 10 |
| 149 | Spatially Addressed Deposition and Imaging of Biochemically Active Bead Microstructures by Scanning Electrochemical Microscopy. <i>Analytical Chemistry</i> , 2000, 72, 333-338. | 3.2 | 81 |
| 150 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 6. Sensing with a Mediator. <i>Analytical Chemistry</i> , 2000, 72, 3461-3467. | 3.2 | 36 |
| 151 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 5. Simulation of Sensor Response for Different Excitation Potential Waveforms. <i>Analytical Chemistry</i> , 2000, 72, 5567-5575. | 3.2 | 22 |
| 152 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 9. Incorporation of Planar Waveguide Technology. <i>Analytical Chemistry</i> , 2000, 72, 5549-5555. | 3.2 | 32 |
| 153 | Rotating disk electrode amperometric detection for a bead-based immunoassay. <i>Journal of Electroanalytical Chemistry</i> , 1999, 468, 2-8. | 1.9 | 42 |
| 154 | Micro volume rotating disk electrode (RDE) amperometric detection for a bead-based immunoassay. <i>Analytica Chimica Acta</i> , 1999, 399, 3-11. | 2.6 | 54 |
| 155 | Capillary enzyme immunoassay with electrochemical detection for determining indole-3-acetic acid in tomato embryos. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 364, 170-174. | 1.5 | 16 |
| 156 | Electrochemistry of [ReIII(DIARS) ₂ Cl ₂]Cl, Where DIARS=o-Phenylenebis(dimethylarsine), in Aqueous and Aqueous/Ethanol Solvents at Bare and Nafion-Modified Electrodes. <i>Electroanalysis</i> , 1999, 11, 320-326. | 1.5 | 9 |
| 157 | Tailoring Perfluorosulfonated Ionomer-Entrapped Sol ² Gel-Derived Silica Nanocomposite for Spectroelectrochemical Sensing of Re(DMPE) ₃ ⁺ . <i>Langmuir</i> , 1999, 15, 767-773. | 1.6 | 32 |
| 158 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 4. Sensing with Poly(vinyl alcohol)-Polyelectrolyte Blend Modified Optically Transparent Electrodes. <i>Analytical Chemistry</i> , 1999, 71, 4061-4068. | 3.2 | 41 |
| 159 | Hydrophobic Interaction of Analytes with Permselective Poly(N-vinyl amide) Films on Electrodes. <i>Analytical Chemistry</i> , 1999, 71, 399-406. | 3.2 | 9 |
| 160 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 3. Effect of Signal Averaging on Limit of Detection. <i>Analytical Chemistry</i> , 1999, 71, 1196-1203. | 3.2 | 53 |
| 161 | <title>Spectro-electrochemical sensors: materials, incorporation of planar waveguide technologies, and instrumentation</title>. , 1999, 3537, 268. | | 3 |
| 162 | Electrochemical behavior of methyl viologen at graphite electrodes modified with Nafion sol-gel composite. <i>Analytica Chimica Acta</i> , 1998, 370, 221-230. | 2.6 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Evaluation of the electrochemical characteristics of a poly(vinyl alcohol)/poly(acrylic acid) polymer blend. <i>Electrochimica Acta</i> , 1998, 43, 3497-3502. | 2.6 | 28 |
| 164 | The analysis of fountain pen inks by capillary electrophoresis with ultraviolet/visible absorbance and laser-induced fluorescence detection. <i>Electrophoresis</i> , 1998, 19, 31-41. | 1.3 | 17 |
| 165 | Spectroscopic and Electrochemical Evaluation of a Perfluorosulfonated Ionomer and Its Gel as Preconcentrating Media for [Re(DMPE)3] ⁺ , Where DMPE = 1,2-Bis(dimethylphosphino)ethane. <i>Analytical Chemistry</i> , 1998, 70, 4326-4332. | 3.2 | 17 |
| 166 | Voltammetry of [Re(DMPE)3] ⁺ at Ionomer-Entrapped Composite-Modified Electrodes. <i>Analytical Chemistry</i> , 1998, 70, 5230-5236. | 3.2 | 28 |
| 167 | Liquid Chromatography with Electrochemical Detection (LC-EC): An Experiment Using 4-Aminophenol. <i>Journal of Chemical Education</i> , 1998, 75, 1035. | 1.1 | 5 |
| 168 | Separation of Aromatic Acids, DOPA, and Methyl-DOPA by Capillary Electrophoresis with Dendrimers as Buffer Additives. <i>Journal of Chromatographic Science</i> , 1998, 36, 146-154. | 0.7 | 19 |
| 169 | <title>New spectroelectrochemical sensor</title>. , 1998, 3258, 56. | | 9 |
| 170 | <title>New chemically selective optical materials for waveguide sensors</title>. , 1998, , . | | 4 |
| 171 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 1. Demonstration of Concept with Ferricyanide. <i>Analytical Chemistry</i> , 1997, 69, 3679-3686. | 3.2 | 118 |
| 172 | Microelectrode Sensors for in Vivo Detection of Radiopharmaceuticals. <i>Journal of the American Chemical Society</i> , 1997, 119, 6434-6435. | 6.6 | 7 |
| 173 | Peer Reviewed: Pushing Down the Limits of Detection: Molecular Needles in a Haystack. <i>Analytical Chemistry</i> , 1997, 69, 544A-549A. | 3.2 | 43 |
| 174 | Electrochemical Behavior of [Re(DMPE)3] ⁺ , Where DMPE = 1,2-Bis(dimethylphosphino)ethane, at Perfluorosulfonated Ionomer-Modified Electrodes. <i>Analytical Chemistry</i> , 1997, 69, 4045-4050. | 3.2 | 18 |
| 175 | Spectroelectrochemical Sensing Based on Multimode Selectivity Simultaneously Achievable in a Single Device. 2. Demonstration of Selectivity in the Presence of Direct Interferences. <i>Analytical Chemistry</i> , 1997, 69, 4819-4827. | 3.2 | 74 |
| 176 | Electrochemical Behavior of Graphite Electrodes Modified by Spin-Coating with Sol [~] Gel-Entrapped Ionomers. <i>Analytical Chemistry</i> , 1997, 69, 703-710. | 3.2 | 79 |
| 177 | Blocking behavior of self-assembled monolayers on gold electrodes. <i>Journal of Solid State Electrochemistry</i> , 1997, 1, 148-154. | 1.2 | 27 |
| 178 | Stripping voltammetry of copper and lead using gold electrodes modified with self-assembled monolayers. <i>Journal of Solid State Electrochemistry</i> , 1997, 1, 241-247. | 1.2 | 47 |
| 179 | An Analytical Study of the Redox Behavior of 1,10-Phenanthroline-5,6-dione, its Transition-Metal Complexes, and its N-Monomethylated Derivative with regard to their Efficiency as Mediators of NAD(P) ⁺ Regeneration. <i>Chemistry - A European Journal</i> , 1997, 3, 79-88. | 1.7 | 68 |
| 180 | Separation and Comparison of Fountain Pen Inks by Capillary Zone Electrophoresis. <i>Journal of Forensic Sciences</i> , 1997, 42, 1004-1011. | 0.9 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 181 | Zeptomole-Detecting Biosensor for Alkaline Phosphatase in an Electrochemical Immunoassay for 2,4-Dichlorophenoxyacetic acid. <i>Analytical Chemistry</i> , 1996, 68, 2453-2458. | 3.2 | 195 |
| 182 | Electron transfer through an immunoglobulin layer via an immobilized redox mediator. <i>Electroanalysis</i> , 1996, 8, 143-146. | 1.5 | 24 |
| 183 | Electrochemical enzyme immunoassay using sequential saturation technique in a 20- μ l capillary: digoxin as a model analyte. <i>Analytica Chimica Acta</i> , 1994, 287, 253-258. | 2.6 | 88 |
| 184 | Electrochemical determination of oxygen permeability of isolated stratum corneum membranes. <i>Electroanalysis</i> , 1993, 5, 641-645. | 1.5 | 0 |
| 185 | Small-volume voltammetric detection of 4-aminophenol with interdigitated array electrodes and its application to electrochemical enzyme immunoassay. <i>Analytical Chemistry</i> , 1993, 65, 1559-1563. | 3.2 | 293 |
| 186 | Chemical Sensors for Radiopharmaceuticals. <i>Radiochimica Acta</i> , 1993, 63, 199-204. | 0.5 | 9 |
| 187 | Solid-State Electrochemical Oxygen Sensor. <i>Analytical Letters</i> , 1992, 25, 807-819. | 1.0 | 6 |
| 188 | Oxygen sensors based on the ionically conductive polymer poly(dimethyldiallylammonium chloride). <i>Sensors and Actuators B: Chemical</i> , 1992, 8, 199-204. | 4.0 | 12 |
| 189 | Blank response at glassy carbon electrodes in a flow injection system. <i>Electroanalysis</i> , 1992, 4, 33-40. | 1.5 | 5 |
| 190 | Comparison of methods for following alkaline phosphatase catalysis: Spectrophotometric versus amperometric detection. <i>Analytical Biochemistry</i> , 1991, 192, 90-95. | 1.1 | 95 |
| 191 | Flow-injection analysis with electrochemical detection of reduced nicotinamide adenine dinucleotide using 2,6-dichloroindophenol as a redox coupling agent. <i>Analytical Biochemistry</i> , 1991, 192, 243-250. | 1.1 | 24 |
| 192 | Chemical Cross-Linking of a Redox Mediator Thionin for Electrocatalytic Oxidation of Reduced β -Nicotinamide Adenine Dinucleotide. <i>Analytical Letters</i> , 1991, 24, 1453-1469. | 1.0 | 44 |
| 193 | EXAFS spectroelectrochemistry. <i>Chemical Reviews</i> , 1990, 90, 705-722. | 23.0 | 89 |
| 194 | Spectroelectrochemistry Using Transparent Electrodes. <i>ACS Symposium Series</i> , 1989, , 442-457. | 0.5 | 13 |
| 195 | The polymerization of dimethyldiallylammonium chloride by gamma irradiation as followed by ^1H NMR. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1988, 26, 333-339. | 0.4 | 9 |
| 196 | p-aminophenyl phosphate: an improved substrate for electrochemical enzyme immunoassay. <i>Analytica Chimica Acta</i> , 1988, 214, 187-195. | 2.6 | 186 |
| 197 | Electrodes with polymer network films formed by .gamma.-irradiation cross-linking. <i>Analytical Chemistry</i> , 1987, 59, 134-139. | 3.2 | 48 |
| 198 | Immunoassay with Electrochemical Detection. <i>Methods of Biochemical Analysis</i> , 1987, 32, 345-393. | 0.2 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Strategies for Electrochemical Immunoassay. <i>Analytical Chemistry</i> , 1985, 57, 1321A-1331A. | 3.2 | 163 |
| 200 | The effects of Copper–Zinc and Copper–Cadmium intermetallic compounds in different systems used for anodic stripping voltammetry. <i>Analytica Chimica Acta</i> , 1983, 154, 95-104. | 2.6 | 36 |
| 201 | Cyclic voltammetry. <i>Journal of Chemical Education</i> , 1983, 60, 702. | 1.1 | 640 |
| 202 | Spectroelectrochemistry: The combination of optical and electrochemical techniques. <i>Journal of Chemical Education</i> , 1983, 60, 305. | 1.1 | 78 |
| 203 | Liquid Chromatography with Electrochemical Detection of Phenol and NADH for Enzyme Immunoassay. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1983, 6, 2141-2156. | 0.9 | 30 |
| 204 | Heterogeneous immunoassay for serum proteins by differential pulse anodic stripping voltammetry. <i>Analytical Chemistry</i> , 1982, 54, 2318-2322. | 3.2 | 87 |
| 205 | Long optical path electrochemical cell for absorption or fluorescence spectrometers. <i>Analytical Chemistry</i> , 1982, 54, 2382-2384. | 3.2 | 56 |
| 206 | Preliminary spectrofluorochemical studies indicate a possible conformational change in horse heart cytochrome c upon reduction. <i>Journal of Colloid and Interface Science</i> , 1982, 86, 295-298. | 5.0 | 22 |
| 207 | The Effect of Bulk Solvent Structure and Specific Ion Binding on the Temperature Dependence of the Reduction Potential of Horse Heart Cytochrome c. <i>Advances in Chemistry Series</i> , 1980, , 169-185. | 0.6 | 7 |
| 208 | Analytical electrochemistry: methodology and applications of dynamic techniques. <i>Analytical Chemistry</i> , 1980, 52, 138-151. | 3.2 | 58 |
| 209 | Optically transparent thin-layer electrochemical flow cell for liquid chromatography. <i>Analytical Chemistry</i> , 1980, 52, 1542-1544. | 3.2 | 26 |
| 210 | Thin-layer spectroelectrochemical studies of cobalt and copper Schiff base complexes. <i>Inorganic Chemistry</i> , 1979, 18, 2536-2542. | 1.9 | 56 |
| 211 | spectro-electro-chemistry. <i>Analytical Chemistry</i> , 1978, 50, 390A-402A. | 3.2 | 17 |
| 212 | Analytical electrochemistry: methodology and applications of dynamic techniques. <i>Analytical Chemistry</i> , 1978, 50, 166-175. | 3.2 | 121 |
| 213 | Carbon and mercury-carbon optically transparent electrodes. <i>Analytical Chemistry</i> , 1977, 49, 1395-1398. | 3.2 | 48 |
| 214 | Thin-layer differential pulse voltammetry. <i>Analytical Chemistry</i> , 1977, 49, 1792-1797. | 3.2 | 49 |
| 215 | Application of an oscillating-mirror rapid-scanning spectrometer to simultaneous multi-element microwave plasma emission spectrometry. <i>Analyst, The</i> , 1976, 101, 753. | 1.7 | 18 |
| 216 | Oscillating mirror rapid scanning ultraviolet-visible spectrometer as a detector for liquid chromatography. <i>Analytical Chemistry</i> , 1976, 48, 20-24. | 3.2 | 55 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 217 | Study of electrogenerated reactants using optically transparent electrodes. <i>Accounts of Chemical Research</i> , 1976, 9, 241-248. | 7.6 | 173 |
| 218 | An electrochemical experiment using an optically transparent thin layer electrode. <i>Journal of Chemical Education</i> , 1976, 53, 594. | 1.1 | 178 |
| 219 | The creeping-film phenomenon of potassium chloride solution. <i>Nature</i> , 1976, 264, 383-384. | 13.7 | 1 |
| 220 | Measurement of enzyme E.deg.' values by optically transparent thin layer electrochemical cells. <i>Analytical Chemistry</i> , 1975, 47, 79-84. | 3.2 | 243 |
| 221 | Spectroelectrochemical studies of stoichiometry, energetics, and kinetics of heme proteins: cytochrome c and cytochrome c oxidase. <i>Bioelectrochemistry</i> , 1974, 1, 389-406. | 1.0 | 37 |
| 222 | Spectro-electrochemical methods in the study of short-lived intermediates. <i>Faraday Discussions of the Chemical Society</i> , 1973, 56, 16. | 2.2 | 15 |
| 223 | Spectroelectrochemical studies of metal deposition and stripping and of specific adsorption on mercury-platinum optically transparent electrodes. <i>Analytical Chemistry</i> , 1972, 44, 1972-1978. | 3.2 | 44 |
| 224 | Mercury-platinum optically transparent electrode. <i>Analytical Chemistry</i> , 1971, 43, 1075-1078. | 3.2 | 30 |