

John W Weidner

List of Publications by Year in descending order

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140
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100601

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93651

72
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141
all docs

141
docs citations

141
times ranked

6384
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermochemical hydrogen processes. , 2022, , 63-82.		2
2	A Mechano-Electrochemical Battery Model that Accounts for Preferential Lithiation Inside Blended Silicon Graphite (Si/C) Anodes. Journal of the Electrochemical Society, 2022, 169, 020577.	1.3	10
3	Local Gas-Phase Current Contributions Influenced By Porous Media Properties and Geometric Features in PEM Electrolysis. ECS Meeting Abstracts, 2022, MA2022-01, 1714-1714.	0.0	0
4	Developments in Mechano-Electrochemical Modeling Methods for Battery Electric Vehicles. ECS Meeting Abstracts, 2021, MA2021-02, 430-430.	0.0	0
5	An Experimentally Validated Three-Dimensional Computational Fluid Dynamics Model for Polymer Electrolyte Membrane Water Electrolyzers. ECS Meeting Abstracts, 2021, MA2021-02, 1227-1227.	0.0	0
6	In-situ and ex-situ comparison of the electrochemical oxidation of SO ₂ on carbon supported Pt and Au catalysts. International Journal of Hydrogen Energy, 2020, 45, 1940-1947.	3.8	14
7	A precious-metal-free Fe-intercalated carbon nitride porous-network with enhanced activity for the oxygen reduction reaction and methanol-tolerant oxygen reduction reaction. Sustainable Energy and Fuels, 2020, 4, 5050-5060.	2.5	13
8	Parametric study of operating conditions of an SO ₂ -depolarized electrolyzer. International Journal of Hydrogen Energy, 2020, 45, 22408-22418.	3.8	13
9	Enhanced Performance of Oxygen-Functionalized Multiwalled Carbon Nanotubes as Support for Pt and Pt-Ru Bimetallic Catalysts for Methanol Electrooxidation. ACS Applied Energy Materials, 2020, 3, 5487-5496.	2.5	18
10	Accounting for Non-Ideal, Lithiation-Based Active Material Volume Change in Mechano-Electrochemical Pouch Cell Simulation. Journal of the Electrochemical Society, 2020, 167, 080515.	1.3	21
11	Considering Two-Phase Flow in Three-Dimensional Computational Fluid Dynamics Simulations of Proton Exchange Membrane Water Electrolysis Devices. ECS Transactions, 2020, 98, 653-662.	0.3	1
12	Convenient non-invasive electrochemical techniques to monitor microbial processes: current state and perspectives. Applied Microbiology and Biotechnology, 2019, 103, 8327-8338.	1.7	12
13	Mixed Mode Growth Model for the Solid Electrolyte Interface (SEI). Journal of the Electrochemical Society, 2019, 166, A334-A341.	1.3	26
14	The Effect of Volume Change on the Accessible Capacities of Porous Silicon-Graphite Composite Anodes. Journal of the Electrochemical Society, 2019, 166, A1251-A1256.	1.3	29
15	Ruthenium-platinum bimetallic catalysts with controlled surface compositions and enhanced performance for methanol oxidation. Catalysis Today, 2019, 334, 156-161.	2.2	7
16	In-situ electrochemical analysis of microbial activity. AMB Express, 2018, 8, 162.	1.4	20
17	Experimental assessment of thin film high pressure metal hydride material properties. International Journal of Hydrogen Energy, 2018, 43, 18363-18371.	3.8	5
18	Solar Thermochemical Hydrogen (STCH) Processes. Electrochemical Society Interface, 2018, 27, 53-56.	0.3	12

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19	Solar Energy: An Enabler of Hydrogen Economy?. <i>Electrochemical Society Interface</i> , 2018, 27, 45-45.	0.3	2
20	Modeling the Effect of Cathodic Protection on Superalloys Inside High Temperature Molten Salt Systems. <i>Journal of the Electrochemical Society</i> , 2017, 164, C171-C179.	1.3	18
21	Numerical Predicting of Liquid Water Transport inside Gas Diffusion Layer for PEMFC Using Lattice Boltzmann Method. <i>ECS Transactions</i> , 2017, 80, 187-195.	0.3	12
22	Modeling Volume Change in Dual Insertion Electrodes. <i>Journal of the Electrochemical Society</i> , 2017, 164, E3552-E3558.	1.3	21
23	Mathematical Modeling of Electrochemical Systems at Multiple Scales in Honor of Professor John Newman. <i>Journal of the Electrochemical Society</i> , 2017, 164, Y13-Y13.	1.3	2
24	Modeling Battery Performance Due to Intercalation Driven Volume Change in Porous Electrodes. <i>Journal of the Electrochemical Society</i> , 2017, 164, E3592-E3597.	1.3	22
25	Numerical modeling of a bayonet heat exchanger-based reactor for sulfuric acid decomposition in thermochemical hydrogen production processes. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 20463-20472.	3.8	21
26	Publisher's Note: Modeling Volume Change in Dual Insertion Electrodes [J. Electrochem. Soc.,164, E3552 (2017)]. <i>Journal of the Electrochemical Society</i> , 2017, 164, X19-X19.	1.3	0
27	Characterizing Voltage Losses in an SO ₂ Depolarized Electrolyzer Using Sulfonated Polybenzimidazole Membranes. <i>Journal of the Electrochemical Society</i> , 2017, 164, F1591-F1595.	1.3	22
28	Effect of Pd Nanoparticles on the Fabrication of Ni@P Microtube by Using Electroless Plating on Pd Activated Polyacrylonitrile Fiber. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 8214-8218.	0.9	0
29	Synthesis and Electrochemical Evaluation of Carbon Supported Pt-Co Bimetallic Catalysts Prepared by Electroless Deposition and Modified Charge Enhanced Dry Impregnation. <i>Catalysts</i> , 2016, 6, 83.	1.6	21
30	Preparation of Pt Nanocatalyst on Carbon Materials via a Reduction Reaction of a Pt Precursor in a Drying Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6383-6387.	0.9	1
31	Multidimensional Modeling of Nickel Alloy Corrosion inside High Temperature Molten Salt Systems. <i>Journal of the Electrochemical Society</i> , 2016, 163, C830-C838.	1.3	21
32	Effect of System Contaminants on the Performance of a Proton Exchange Membrane Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2016, 163, F1527-F1534.	1.3	10
33	Three-dimensional Biomimetic Technology: Novel Biorubber Creates Defined Micro- and Macro-scale Architectures in Collagen Hydrogels. <i>Journal of Visualized Experiments</i> , 2016, , 53578.	0.2	3
34	Electrolyzer performance for producing hydrogen via a solar-driven hybrid-sulfur process. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 829-839.	1.5	8
35	Dimensionless Analysis for Predicting Fe-Ni-Cr Alloy Corrosion in Molten Salt Systems for Concentrated Solar Power Systems. <i>Corrosion</i> , 2016, 72, 742-760.	0.5	29
36	The Effect of the Surface Composition of Ru-Pt Bimetallic Catalysts for Methanol Oxidation. <i>Electrochimica Acta</i> , 2016, 195, 106-111.	2.6	37

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37	Analysis of an Electrochemical Filter for Removing Carbon Monoxide from Reformate Hydrogen. Journal of the Electrochemical Society, 2015, 162, E231-E236.	1.3	10
38	Mathematical Modeling of Hybrid Asymmetric Electrochemical Capacitors. Journal of the Electrochemical Society, 2014, 161, E3267-E3275.	1.3	31
39	Mathematical Modeling of Electrochemical Systems at Multiple Scales. Journal of the Electrochemical Society, 2014, 161, Y9-Y9.	1.3	5
40	Modeling Volume Change due to Intercalation into Porous Electrodes. Journal of the Electrochemical Society, 2014, 161, E3297-E3301.	1.3	41
41	Gas Transport in Two-Layer Proton Exchange Membranes. ECS Transactions, 2013, 45, 41-53.	0.3	1
42	Electrochemical Hydrogenation of Dimensional Carbon. ECS Transactions, 2013, 58, 439-445.	0.3	4
43	The Extraction of the Diffusion Coefficient and Solubility of Sulfur Dioxide in Bi-Layer Proton Exchange Membranes. Journal of the Electrochemical Society, 2012, 159, F617-F621.	1.3	0
44	Polybenzimidazole Membranes for Hydrogen and Sulfuric Acid Production in the Hybrid Sulfur Electrolyzer. ECS Electrochemistry Letters, 2012, 1, F44-F48.	1.9	24
45	Quantifying Individual Losses in a Direct Methanol Fuel Cell. Journal of Fuel Cell Science and Technology, 2012, 9, .	0.8	7
46	Synthesis of Carbonyl Compounds from Alcohols Using Electrochemically Generated Superoxide Ions in RTILs. Synthetic Communications, 2012, 42, 3632-3647.	1.1	4
47	Quantifying potential losses of non-Pt MEAs for gas-phase HBr PEM electrolyzer to produce hydrogen. International Journal of Hydrogen Energy, 2012, 37, 2935-2939.	3.8	6
48	Development of Non-Pt Electrocatalysts towards Hydrogen Evolution Reaction for Gas-Phase Br ₂ /H ₂ Flow Battery. ECS Transactions, 2011, 33, 169-178.	0.3	3
49	Quantifying oxidation rates of carbon monoxide on a Pt/C electrode. Electrochimica Acta, 2011, 58, 723-728.	2.6	18
50	Analysis of a gas-phase Br ₂ /H ₂ redox flow battery. Journal of Applied Electrochemistry, 2011, 41, 1245-1252.	1.5	14
51	Multimetallic Electrocatalysts of Pt, Ru, and Ir Supported on Anatase and Rutile TiO ₂ for Oxygen Evolution in an Acid Environment. Electrochemical and Solid-State Letters, 2011, 14, E5.	2.2	70
52	Effect of Titanium Dioxide Supports on the Activity of Pt-Ru toward Electrochemical Oxidation of Methanol. Journal of the Electrochemical Society, 2011, 158, B461.	1.3	38
53	Gas-Phase Hybrid Sulfur Electrolyzer Stack. ECS Transactions, 2011, 35, 23-33.	0.3	4
54	Electrochemical Removal of Carbon Monoxide in Reformate Hydrogen for Fueling Proton Exchange Membrane Fuel Cells. Electrochemical and Solid-State Letters, 2010, 13, B5.	2.2	11

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55	Leadership & Education in Electrochemical Engineering. <i>Electrochemical Society Interface</i> , 2010, 19, 36-36.	0.3	0
56	Mathematical Modeling of Flow-Generated Forces in an In Vitro System of Cardiac Valve Development. <i>Annals of Biomedical Engineering</i> , 2010, 38, 109-117.	1.3	16
57	Analysis of sulfur poisoning on a PEM fuel cell electrode. <i>Electrochimica Acta</i> , 2010, 55, 5683-5694.	2.6	82
58	Quantifying Individual Potential Contributions of the Hybrid Sulfur Electrolyzer. <i>Journal of the Electrochemical Society</i> , 2010, 157, B952.	1.3	43
59	Quantification of Voltage Loss in the PEM Reactor for Electrolyzing Hydrogen Bromide to Produce Hydrogen. <i>ECS Transactions</i> , 2010, 28, 51-63.	0.3	3
60	Bimetallic Electrocatalysts Supported on TiO ₂ for PEM Water Electrolyzer. <i>ECS Transactions</i> , 2010, 28, 23-35.	0.3	10
61	Sulfur Dioxide Crossover during the Production of Hydrogen and Sulfuric Acid in a PEM Electrolyzer. <i>Journal of the Electrochemical Society</i> , 2009, 156, B836.	1.3	14
62	Transport Properties and Performance of Polymer Electrolyte Membranes for the Hybrid Sulfur Electrolyzer. <i>Journal of the Electrochemical Society</i> , 2009, 156, B842.	1.3	21
63	Electrochemical Filter Design for the Removal of CO Contaminant in Reformate Hydrogen. <i>ECS Transactions</i> , 2009, 25, 1873-1880.	0.3	1
64	Effect of Water Transport on the Production of Hydrogen and Sulfuric Acid in a PEM Electrolyzer. <i>Journal of the Electrochemical Society</i> , 2009, 156, B16.	1.3	43
65	Importance of catalyst stability vis-à-vis hydrogen peroxide formation rates in PEM fuel cell electrodes. <i>Electrochimica Acta</i> , 2009, 54, 5571-5582.	2.6	55
66	Quantifying desorption and rearrangement rates of carbon monoxide on a PEM fuel cell electrode. <i>Electrochimica Acta</i> , 2009, 54, 5492-5499.	2.6	16
67	Measuring oxygen, carbon monoxide and hydrogen sulfide diffusion coefficient and solubility in Nafion membranes. <i>Electrochimica Acta</i> , 2009, 54, 6850-6860.	2.6	106
68	A thermodynamic analysis of the SO ₂ /H ₂ SO ₄ system in SO ₂ -depolarized electrolysis. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 6089-6095.	3.8	73
69	Modeling Transients in Li/CF _x -SVO Hybrid-Cathode Batteries. <i>ECS Transactions</i> , 2008, 11, 1-6.	0.3	2
70	Experimental validation of a methanol crossover model in DMFC applications. <i>Journal of Power Sources</i> , 2008, 179, 723-733.	4.0	51
71	Hydrogen Peroxide Formation Rates in a PEMFC Anode and Cathode. <i>Journal of the Electrochemical Society</i> , 2008, 155, B50.	1.3	155
72	Durability of Perfluorosulfonic Acid and Hydrocarbon Membranes: Effect of Humidity and Temperature. <i>Journal of the Electrochemical Society</i> , 2008, 155, B119.	1.3	170

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73	A Nb-Doped TiO ₂ Electrocatalyst for Use in Direct Methanol Fuel Cells. ECS Transactions, 2008, 12, 239-248.	0.3	15
74	Effect of Diphenyl Siloxane on the Catalytic Activity of Pt on Carbon. Electrochemical and Solid-State Letters, 2007, 10, B207.	2.2	5
75	Modeling Li ⁺ /CF _x -SVO Hybrid-Cathode Batteries. Journal of the Electrochemical Society, 2007, 154, A1058.	1.3	18
76	Low-Temperature Synthesis of a PtRu _{0.1} Nb _{0.1} Ti _{0.9} O ₂ Electrocatalyst for Methanol Oxidation. Electrochemical and Solid-State Letters, 2007, 10, B108.	2.2	75
77	Review of Direct Methanol Fuel Cells. Modern Aspects of Electrochemistry, 2007, , 229-284.	0.2	9
78	Effect of Water on the Electrochemical Oxidation of Gas-Phase SO ₂ in a PEM Electrolyzer for H ₂ Production. Electrochemical and Solid-State Letters, 2007, 10, E17.	2.2	33
79	Electrochemical hydrogen production from thermochemical cycles using a proton exchange membrane electrolyzer. International Journal of Hydrogen Energy, 2007, 32, 463-468.	3.8	92
80	Modeling lithium/hybrid-cathode batteries. Journal of Power Sources, 2007, 174, 872-876.	4.0	14
81	Bimetallic Cluster Provides a Higher Activity Electrocatalyst for Methanol Oxidation. Journal of Cluster Science, 2007, 18, 121-130.	1.7	25
82	Polymer electrolyte membrane resistance model. Journal of Power Sources, 2006, 160, 386-397.	4.0	8
83	Hydrogen Sulfide Kinetics on PEM Fuel Cell Electrodes. ECS Transactions, 2006, 1, 111-130.	0.3	4
84	Mathematical Modeling of Li/CF _x -SVO Batteries. ECS Transactions, 2006, 3, 45-54.	0.3	2
85	Modeling Volume Changes in Porous Electrodes. Journal of the Electrochemical Society, 2006, 153, A179.	1.3	37
86	A simplified physics-based model for nickel hydrogen battery. Journal of Power Sources, 2005, 141, 326-339.	4.0	11
87	Analysis of electrochemical impedance spectroscopy in proton exchange membrane fuel cells. International Journal of Energy Research, 2005, 29, 1133-1151.	2.2	168
88	A nonstoichiometric structural model to characterize changes in the nickel hydroxide electrode during cycling. Journal of Solid State Electrochemistry, 2005, 9, 61-76.	1.2	11
89	Mathematical Model of a Direct Methanol Fuel Cell. Journal of Fuel Cell Science and Technology, 2004, 1, 43.	0.8	100
90	Modeling Heat Conduction in Spiral Geometries. Journal of the Electrochemical Society, 2003, 150, A1339.	1.3	53

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91	Polyetheretherketone Membranes for Elevated Temperature PEMFCs. <i>Electrochemical and Solid-State Letters</i> , 2003, 6, A282.	2.2	61
92	Theoretical Analysis for Obtaining Physical Properties of Composite Electrodes. <i>Journal of the Electrochemical Society</i> , 2003, 150, E371.	1.3	24
93	Engineering a Membrane Electrode Assembly. <i>Electrochemical Society Interface</i> , 2003, 12, 40-43.	0.3	10
94	Water Transport in Polymer Electrolyte Membrane Electrolyzers Used to Recycle Anhydrous HCl. <i>Journal of the Electrochemical Society</i> , 2002, 149, D63.	1.3	28
95	Development of a Novel CO Tolerant Proton Exchange Membrane Fuel Cell Anode. <i>Journal of the Electrochemical Society</i> , 2002, 149, A862.	1.3	53
96	Increasing Proton Exchange Membrane Fuel Cell Catalyst Effectiveness Through Sputter Deposition. <i>Journal of the Electrochemical Society</i> , 2002, 149, A280.	1.3	94
97	Superoxide Electrochemistry in an Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 4475-4478.	1.8	91
98	Using Sputter Deposition to Increase CO Tolerance in a Proton-Exchange Membrane Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2002, 149, A868.	1.3	29
99	Electrochemical Filtering of CO from Fuel-Cell Reformate. <i>Electrochemical and Solid-State Letters</i> , 2002, 5, A267.	2.2	15
100	Estimation of Diffusion Coefficient of Lithium in Carbon Using AC Impedance Technique. <i>Journal of the Electrochemical Society</i> , 2002, 149, A307.	1.3	35
101	Extension of Newman's method to electrochemical reaction-diffusion in a fuel cell catalyst layer. <i>Journal of Power Sources</i> , 2002, 107, 24-33.	4.0	6
102	Capacitance studies of cobalt oxide films formed via electrochemical precipitation. <i>Journal of Power Sources</i> , 2002, 108, 15-20.	4.0	280
103	Experimental characterization of hybrid power systems under pulse current loads. <i>Journal of Power Sources</i> , 2002, 109, 32-37.	4.0	96
104	Mathematical modeling of lithium-ion and nickel battery systems. <i>Journal of Power Sources</i> , 2002, 110, 267-284.	4.0	302
105	Hysteresis during Cycling of Nickel Hydroxide Active Material. <i>Journal of the Electrochemical Society</i> , 2001, 148, A969.	1.3	78
106	Electrochemical Generation of Superoxide in Room-Temperature Ionic Liquids. <i>Electrochemical and Solid-State Letters</i> , 2001, 4, D16.	2.2	149
107	Cyclic voltammetric studies of the effects of time and temperature on the capacitance of electrochemically deposited nickel hydroxide. <i>Journal of Power Sources</i> , 2001, 92, 163-167.	4.0	142
108	Vapour-liquid slip in a parallel-plate electrochemical fluorination reactor. <i>Journal of Applied Electrochemistry</i> , 2001, 31, 863-870.	1.5	1

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109	Dynamic simulation of a parallel-plate electrochemical fluorination reactor. <i>Journal of Applied Electrochemistry</i> , 2000, 30, 85-93.	1.5	6
110	Mathematical models of the nickel hydroxide active material. <i>Journal of Solid State Electrochemistry</i> , 2000, 4, 367-382.	1.2	45
111	Report on the Electrolytic Industries for the Year 1999. <i>Journal of the Electrochemical Society</i> , 2000, 147, 3953.	1.3	9
112	Computational Fluid Dynamics Modeling of a Lithium/Thionyl Chloride Battery with Electrolyte Flow. <i>Journal of the Electrochemical Society</i> , 2000, 147, 427.	1.3	38
113	Studies on the Capacitance of Nickel Oxide Films: Effect of Heating Temperature and Electrolyte Concentration. <i>Journal of the Electrochemical Society</i> , 2000, 147, 880.	1.3	272
114	Diffusion of Water in Nafion 115 Membranes. <i>Journal of the Electrochemical Society</i> , 2000, 147, 3171.	1.3	392
115	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 1999, 29, 1305-1315.	1.5	20
116	Analysis of a Lithium/Thionyl Chloride Battery under Moderate-Rate Discharge. <i>Journal of the Electrochemical Society</i> , 1999, 146, 4023-4030.	1.3	24
117	Platelet Membrane Early Activation Markers during Prolonged Storage. <i>Thrombosis Research</i> , 1999, 93, 151-160.	0.8	24
118	Mathematical Modeling of Electrochemical Capacitors. <i>Journal of the Electrochemical Society</i> , 1999, 146, 1650-1658.	1.3	143
119	Material Balance Modification in One-Dimensional Modeling of Porous Electrodes. <i>Journal of the Electrochemical Society</i> , 1999, 146, 1370-1374.	1.3	9
120	Report on the Electrolytic Industries for the Year 1998. <i>Journal of the Electrochemical Society</i> , 1999, 146, 3924-3947.	1.3	6
121	Thermodynamic considerations of the reversible potential for the nickel electrode. <i>Electrochimica Acta</i> , 1998, 43, 2649-2660.	2.6	22
122	Proton Diffusion in Nickel Hydroxide: Prediction of Active Material Utilization. <i>Journal of the Electrochemical Society</i> , 1998, 145, 29-34.	1.3	62
123	Steady-State Modeling of a Parallel-Plate Electrochemical Fluorination Reactor. <i>Journal of the Electrochemical Society</i> , 1998, 145, 3521-3530.	1.3	6
124	The Role of Oxygen at the Second Discharge Plateau of Nickel Hydroxide. <i>Journal of the Electrochemical Society</i> , 1998, 145, 34-39.	1.3	29
125	Recycling Chlorine from Hydrogen Chloride: A New and Economical Electrolytic Process. <i>Electrochemical Society Interface</i> , 1998, 7, 32-36.	0.3	41
126	Electrowinning of Nonnoble Metals with Simultaneous Hydrogen Evolution at Flow Through Porous Electrodes: III. Time Effects. <i>Journal of the Electrochemical Society</i> , 1997, 144, 922-927.	1.3	16

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127	An Electrochemical Route for Making Porous Nickel Oxide Electrochemical Capacitors. Journal of the Electrochemical Society, 1997, 144, L210-L213.	1.3	332
128	A Model for the Galvanostatic Deposition of Nickel Hydroxide. Journal of the Electrochemical Society, 1996, 143, 2319-2327.	1.3	35
129	Proton Diffusion in Nickel Hydroxide Films: Measurement of the Diffusion Coefficient as a Function of State of Charge. Journal of the Electrochemical Society, 1995, 142, 1401-1408.	1.3	90
130	Electrowinning of Non-noble Metals with Simultaneous Hydrogen Evolution at Flow-Through Porous Electrodes: I. Theoretical. Journal of the Electrochemical Society, 1995, 142, 4113-4121.	1.3	31
131	Electrowinning of Non-noble Metals with Simultaneous Hydrogen Evolution at Flow-Through Porous Electrodes: II. Experimental. Journal of the Electrochemical Society, 1995, 142, 4122-4128.	1.3	18
132	A Boundary-Layer Model of a Parallel-Plate Electrochemical Reactor for the Destruction of Nitrates and Nitrites in Alkaline Waste Solutions. Journal of the Electrochemical Society, 1995, 142, 3815-3824.	1.3	20
133	The Effect of Temperature and Ethanol on the Deposition of Nickel Hydroxide Films. Journal of the Electrochemical Society, 1995, 142, 4051-4056.	1.3	42
134	The Effect of Current and Nickel Nitrate Concentration on the Deposition of Nickel Hydroxide Films. Journal of the Electrochemical Society, 1995, 142, 1084-1089.	1.3	88
135	Effect of Proton Diffusion, Electron Conductivity, and Charge-Transfer Resistance on Nickel Hydroxide Discharge Curves. Journal of the Electrochemical Society, 1994, 141, 346-351.	1.3	75
136	Linear-sweep voltammetry in a cylindrical-pore electrode. Analytical Chemistry, 1992, 64, 449-453.	3.2	2
137	Effect of Ohmic, Mass-Transfer, and Kinetic Resistances on Linear-Sweep Voltammetry in a Cylindrical-Pore Electrode. Journal of the Electrochemical Society, 1991, 138, 2514-2526.	1.3	16
138	Linear-Sweep Voltammetry of a Soluble Redox Couple in a Cylindrical Electrode. Journal of the Electrochemical Society, 1991, 138, 258C-264C.	1.3	6
139	Reversible, linear-sweep voltammetry of a soluble redox couple: effect of initial concentrations. Analytical Chemistry, 1990, 62, 875-877.	3.2	12
140	Ohmic distortion of reversible voltammograms in thin-layer cells. Electrochimica Acta, 1988, 33, 421-424.	2.6	4