Tetsuya Osaka

List of Publications by Year
in descending order

548 papers	16,267 citations	21215 62 h-index	37326 100 g-index
562 all docs	562 docs citations	562 times ranked	16427 citing authors

#	Article	IF	Citations
1	Identification of Soluble Degradation Products in Lithiumâ€“Sulfur and Lithium-Metal Sulfide Batteries. Separations, 2022, 9, 57.	1.1	0
2	Synthesis of Li Conductive Polymer Layer on 3D Structured S Cathode by Photo-Polymerization for Liâ€“S Batteries. Journal of the Electrochemical Society, 2022, 169, 030546.	1.3	3
3	Degradation Behavior of Graphiteâ€“Nickel Cobalt Aluminum Oxide Lithium Ion Cells with Series Connections Including an Overcharged Cell. Journal of the Electrochemical Society, 2022, 169, 030547.	1.3	2
4	Effect of fluoroethylene carbonate and vinylene carbonate additives on full-cell optimization of Li-ion capacitors. Electrochemistry Communications, 2021, 122, 106905.	2.3	8
5	Scale-up Efforts. , 2021, , 415-422.		0
6	High-rate and high sulfur-loaded lithium-sulfur batteries with a polypyrrole-coated sulfur cathode on a 3D aluminum foam current collector. Materials Letters, 2021, 285, 129115.	1.3	9
7	Polypyrrole Modification of High Sulfur-Loaded Three-Dimensional Aluminum Foam Cathode in Lithiumâ€“Sulfur Batteries for High-Rate Capability. Journal of the Electrochemical Society, 2021, 168, 040517.	1.3	6
8	Potassium-regulated Immobilization of Cortisol Aptamer for Field-effect Transistor Biosensor to Detect Changes in Charge Distribution with Aptamer Transformation. Chemistry Letters, 2021, 50, 892-895.	0.7	6
9	Detection of Unbalanced Voltage Cells in Series-connected Lithium-ion Batteries Using Single-frequency Electrochemical Impedance Spectroscopy. Journal of Electrochemical Science and Technology, 2021, 12, 415-423.	0.9	6
10	Detection of Over-Discharged Nickel Cobalt Aluminum Oxide Lithium Ion Cells Using Electrochemical Impedance Spectroscopy and Differential Voltage Analysis. Journal of the Electrochemical Society, 2021, 168, 070525.	1.3	7
11	Communicationâ€”Cross-Linked Anionic Polymer Coating Prepared by UV and Thermal Curing for Long-Life Lithium-Sulfur Battery. Journal of the Electrochemical Society, 2021, 168, 110552.	1.3	4
12	Development of Square-wave Electrochemical Impedance Spectroscopy and its Application to Electrochemical Devices. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2021, 72, 467-474.	0.1	0
13	Excess heat production in the redox couple reaction of ferricyanide and ferrocyanide. Scientific Reports, 2020, 10, 20072.	1.6	7
14	Tetrameric jacalin as a receptor for field effect transistor biosensor to detect secretory IgA in human sweat. Journal of Electroanalytical Chemistry, 2020, 873, 114371.	1.9	15
15	Synthesis of Stacked Graphene-Sn Composite as a High-Performance Anode for Lithium-Ion Capacitors. Journal of the Electrochemical Society, 2020, 167, 040519.	1.3	14
16	Technology of electrochemical impedance spectroscopy for an energy-sustainable society. Current Opinion in Electrochemistry, 2020, 20, 66-77.	2.5	34
17	Understanding and applying coulombic efficiency in lithium metal batteries. Nature Energy, 2020, 5, 561-568.	19.8	526
18	Influence of Li-salts on Cycle Durability of Sn-Ni Alloy Anode for Lithium-ion Capacitor. Electrochemistry, 2020, 88, 74-78.	0.6	2

#	Article	IF	Citations
19	Synthesis of Lithium Sulfide (Li₂S) Wrapped Carbon Nano Composite for Binder-Free Li₂S Cathode. Journal of the Electrochemical Society, 2020, 167, 020531.	1.3	4
20	Prediction of overcharge-induced serious capacity fading in nickel cobalt aluminum oxide lithium-ion batteries using electrochemical impedance spectroscopy. Journal of Power Sources, 2020, 461, 228168.	4.0	48
21	Effect of Mass Balancing on Cell Performance and Electrochemical Investigation of Snâ€“Ni Alloy as Anode for Li-Ion Capacitors. Journal of the Electrochemical Society, 2020, 167, 130512.	1.3	3
22	Development of biosensor using field effect transistor. Denki Kagaku, 2020, 88, 317-325.	0.0	0
23	Electrodeposited SiË—OË—C as a High-Rate Performance Anode for LiË—ion Capacitor. Journal of the Electrochemical Society, 2019, 166, A2683-A2688.	1.3	2
24	Tin addition for mechanical and electronic improvement of electrodeposited Siâ€“Oâ€“C composite anode for lithium-ion battery. Journal of Power Sources, 2019, 437, 226858.	4.0	5
25	Effect of Heating and Cooling Rates in Annealing for Preparation of L10-FePt Nanoparticles on Si Substrate. ECS Journal of Solid State Science and Technology, 2019, 8, P217-P222.	0.9	0
26	Application of Sn-Ni Alloy as an Anode for Lithium-Ion Capacitors with Improved Volumetric Energy and Power Density. Journal of the Electrochemical Society, 2019, 166, A3615-A3619.	1.3	11
27	Communicationâ€”Solvate Ionic Liquid Incorporating Lithium Nitrate as a Redox Mediator for Lithium-Oxygen Batteries. Journal of the Electrochemical Society, 2019, 166, A3391-A3393.	1.3	3
28	Glycan-immobilized dual-channel field effect transistor biosensor for the rapid identification of pandemic influenza viral particles. Scientific Reports, 2019, 9, 11616.	1.6	33
29	Fabrication of powdered Si-O-C composite by electrodeposition harvesting method as a long-cycle-life anode material for lithium-ion batteries. Materials Letters, 2019, 251, 184-187.	1.3	9
30	In-situ lithiation through an â€˜injectionâ€™ strategy in the pouch type sulfur-graphite battery system. Journal of Power Sources, 2019, 430, 228-232.	4.0	6
31	Effect of enhanced structural stability of Si-O-C anode by carbon nanotubes for lithium-ion battery. Materials Letters, 2019, 245, 200-203.	1.3	8
32	Operando Analysis of Thermal Runaway in Lithium Ion Battery during Nail-Penetration Test Using an X-ray Inspection System. Journal of the Electrochemical Society, 2019, 166, A1243-A1250.	1.3	29
33	Systematic analysis of interfacial resistance between the cathode layer and the current collector in lithium-ion batteries by electrochemical impedance spectroscopy. Journal of Power Sources, 2019, 409, 139-147.	4.0	74
34	Effect of human serum on the electrical detection of amyloid-Î² fibrils in biological environments using azo-dye immobilized field effect transistor (FET) biosensor. Sensing and Bio-Sensing Research, 2018, 17, 25-29.	2.2	16
35	Prevention of redox shuttle using electropolymerized polypyrrole film in a lithiumâ€“oxygen battery. APL Materials, 2018, 6, 047704.	2.2	21
36	High performance sulfur graphite full cell for next generation sulfur Li-ion battery. Journal of Power Sources, 2018, 388, 5-10.	4.0	10

#	Article	IF	Citations
37	Label-free detection of allergens in food via surfactant-induced signal amplification using a field effect transistor-based biosensor. Sensors and Actuators B: Chemical, 2018, 254, 1011-1016.	4.0	23
38	Potentiostatic way to fabricate Li2Sx cathode with suppressed polysulfide formation. Journal of Power Sources, 2018, 399, 287-293.	4.0	5
39	Direct observation of internal state of thermal runaway in lithium ion battery during nail-penetration test. Journal of Power Sources, 2018, 393, 67-74.	4.0	69
40	Generating Synthetic Profiles of Onshore Wind Power for Power Flow Simulation on Power System. Journal of Energy Engineering - ASCE, 2017, 143, .	1.0	3
41	Development of Areal Capacity of Si-O-C Composites as Anode for Lithium Secondary Batteries Using 3D-Structured Carbon Paper as a Current Collector. Journal of the Electrochemical Society, 2017, 164, A355-A359.	1.3	7
42	Carbonate-based additive for improvement of cycle durability of electrodeposited Si-O-C composite anode in glyme-based ionic liquid electrolyte for use in lithium secondary batteries. Electrochimica Acta, 2017, 243, 65-71.	2.6	18
43	Impedance Analysis of LiNi 1/3 Mn 1/3 Co 1/3 O 2 Cathodes with Different Secondary-particle Size Distribution in Lithium-ion Battery. Electrochimica Acta, 2017, 241, 323-330.	2.6	48
44	Impedance Measurements of Kilowatt-Class Lithium Ion Battery Modules/Cubicles in Energy Storage Systems by Square-Current Electrochemical Impedance Spectroscopy. Electrochimica Acta, 2017, 246, 800-811.	2.6	29
45	Techniques for realizing practical application of sulfur cathodes in future Li-ion batteries. Journal of Solid State Electrochemistry, 2017, 21, 1925-1937.	1.2	14
46	A pre-lithiation method for sulfur cathode used for future lithium metal free full battery. Journal of Power Sources, 2017, 342, 537-545.	4.0	29
47	The Potential for the Creation of a High Areal Capacity Lithium-Sulfur Battery Using a Metal Foam Current Collector. Journal of the Electrochemical Society, 2017, 164, A5026-A5030.	1.3	34
48	On-site chemical pre-lithiation of S cathode at room temperature on a 3D nano-structured current collector. Journal of Power Sources, 2017, 366, 65-71.	4.0	50
49	Effective induction of death in mesothelioma cells with magnetite nanoparticles under an alternating magnetic field. Materials Science and Engineering C, 2017, 81, 90-96.	3.8	9
50	A Comparative Study of LiNO₃and LiTFSI for the Cycling Performance of Î´-MnO₂Cathode in Lithiumâ^'Oxygen Batteries. Journal of the Electrochemical Society, 2017, 164, A2225-A2230.	1.3	10
51	Review of Physiological Balance Sensing in an Unobtrusive Manner. Electronics and Communications in Japan, 2017, 100, 50-55.	0.3	1
52	In Vitro Investigation of the Effect of Intracellular and Extracellular Magnetite Nanoparticles Subjected to Alternating Magnetic Field on MCFâ€7 Human Breast Cancer Cells. ChemistrySelect, 2016, 1, 6092-6102.	0.7	3
53	Lifetime of Ionic Vacancy Created in Redox Electrode Reaction Measured by Cyclotron MHD Electrode. Scientific Reports, 2016, 6, 19795.	1.6	18
54	Theoretical Study on the Formation Mechanism of Amino Acidâ€“Cu(II) Complexes on an Enantio-Sensing Device Interface. Journal of Physical Chemistry C, 2016, 120, 15722-15728.	1.5	3

#	Article	IF	Citations
55	Conversion of protein net charge via chemical modification for highly sensitive prion detection using field effect transistor (FET) biosensor. Sensors and Actuators B: Chemical, 2016, 230, 374-379.	4.0	3
56	Stimuli-responsive magnetic nanoparticles for tumor-targeted bimodal imaging and photodynamic/hyperthermia combination therapy. Nanoscale, 2016, 8, 11625-11634.	2.8	49
57	New approach for enhancing electrical conductivity of electrodeposited Si-based anode material for Li secondary batteries: Self-incorporation of nano Cu metal in Siâ€“Oâ€“C composite. Nano Energy, 2016, 28, 51-62.	8.2	38
58	Electrophoretically deposited carbon nanotube anchor layer to improve areal capacity of Si-O-C composite anode for lithium secondary batteries. Journal of Power Sources, 2016, 336, 203-211.	4.0	15
59	Signal amplification in electrochemical detection of buckwheat allergenic protein using field effect transistor biosensor by introduction of anionic surfactant. Sensing and Bio-Sensing Research, 2016, 7, 90-94.	2.2	11
60	Correction: Stimuli-responsive magnetic nanoparticles for tumor-targeted bimodal imaging and photodynamic/hyperthermia combination therapy. Nanoscale, 2016, 8, 12843-12843.	2.8	5
61	Promotion of Self-Assembly Patterning of FePt Nanoparticles by Tuning the Concentration of Oleylamine/Oleic Acid Surfactants in a Coating Solution. Journal of the Electrochemical Society, 2016, 163, D171-D174.	1.3	4
62	Film Properties of Electropolymerized Polypyrrole for a Sulfur/Ketjenblack Cathode in Lithium Secondary Batteries. Journal of the Electrochemical Society, 2016, 163, A683-A689.	1.3	25
63	Preparation of anatase phase titanium dioxide film by non-aqueous electrodeposition. Electrochemistry Communications, 2016, 65, 5-8.	2.3	10
64	Impedance Analysis with Transmission Line Model for Reaction Distribution in a Pouch Type Lithium-Ion Battery by Using Micro Reference Electrode. Journal of the Electrochemical Society, 2016, 163, A434-A441.	1.3	55
65	Enhanced cycling performance of a Li metal anode in a dimethylsulfoxide-based electrolyte using highly concentrated lithium salt for a lithiumâ^'oxygen battery. Journal of Power Sources, 2016, 307, 98-104.	4.0	73
66	Electrochemical impedance spectroscopy analysis with a symmetric cell for LiCoO₂ cathode degradation correlated with Co dissolution. AIMS Materials Science, 2016, 3, 448-459.	0.7	14
67	Review of Physiological Balance Sensing in an Unobtrusive Manner. IEEJ Transactions on Sensors and Micromachines, 2016, 136, 357-361.	0.0	0
68	One-Step Hydrothermal Synthesis of SnS2/SnO2/C Hierarchical Heterostructures for Li-ion Batteries Anode with Superior Rate Capabilities. Electrochimica Acta, 2015, 183, 78-84.	2.6	33
69	Liquid Chromatography-Quadruple Time of Flight Mass Spectrometry Analysis of Products in Degraded Lithium-Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A2008-A2015.	1.3	33
70	Label-free detection of Cu(ii) in a human serum sample by using a prion protein-immobilized FET sensor. Analyst, The, 2015, 140, 6485-6488.	1.7	17
71	Li-Rich Li-Si Alloy As A Lithium-Containing Negative Electrode Material Towards High Energy Lithium-Ion Batteries. Scientific Reports, 2015, 5, 8085.	1.6	53
72	Label-free detection of tumor markers using field effect transistor (FET)-based biosensors for lung cancer diagnosis. Sensors and Actuators B: Chemical, 2015, 212, 329-334.	4.0	124

#	Article	IF	Citations
73	Role of the solid electrolyte interphase on a Li metal anode in a dimethylsulfoxide-based electrolyte for a lithiumâ€“oxygen battery. Journal of Power Sources, 2015, 294, 588-592.	4.0	33
74	Induction of Cell Death in Mesothelioma Cells by Magnetite Nanoparticles. ACS Biomaterials Science and Engineering, 2015, 1, 632-638.	2.6	10
75	Synthesis of cobalt ferrite nanoparticles using spermine and their effect on death in human breast cancer cells under an alternating magnetic field. Electrochimica Acta, 2015, 183, 153-159.	2.6	33
76	One-minute deposition of micrometre-thick porous Siâ€“Cu anodes with compositional gradients on Cu current collectors for lithium secondary batteries. Journal of Power Sources, 2015, 286, 540-550.	4.0	11
77	Micro-scale Li2Sâ€“C composite preparation from Li2SO4 for cathode of lithium ion battery. Electrochimica Acta, 2015, 183, 70-77.	2.6	24
78	Reviewâ€”Development of Diagnostic Process for Commercially Available Batteries, Especially Lithium Ion Battery, by Electrochemical Impedance Spectroscopy. Journal of the Electrochemical Society, 2015, 162, A2529-A2537.	1.3	128
79	Application of Electrochemical Impedance Spectroscopy to Ferri/Ferrocyanide Redox Couple and Lithium Ion Battery Systems Using a Square Wave as Signal Input. Electrochimica Acta, 2015, 180, 922-928.	2.6	39
80	Suppression of polysulfide dissolution by polypyrrole modification of sulfur-based cathodes in lithium secondary batteries. Journal of Power Sources, 2015, 274, 1263-1266.	4.0	49
81	Li2S cathode modified with polyvinylpyrrolidone and mechanical milling with carbon. Journal of Power Sources, 2015, 273, 1136-1141.	4.0	50
82	Effect of electrolyte on cycle performances of the electrodeposited Snâ€“Oâ€“C composite anode of lithium secondary batteries. Journal of Power Sources, 2015, 275, 525-530.	4.0	8
83	Sensitive electrical detection of human prion proteins using field effect transistor biosensor with dual-ligand binding amplification. Biosensors and Bioelectronics, 2015, 67, 256-262.	5.3	28
84	Field Effect Transistor Biosensor Using Antigen Binding Fragment for Detecting Tumor Marker in Human Serum. Materials, 2014, 7, 2490-2500.	1.3	65
85	Enhancement effect of trace H2O on the chargeâ€“discharge cycling performance of a Li metal anode. Journal of Power Sources, 2014, 261, 23-27.	4.0	37
86	New Siâ€“Oâ€“C composite film anode materials for LIB by electrodeposition. Journal of Materials Chemistry A, 2014, 2, 883-896.	5.2	34
87	Effects of chemical treatment of indium tin oxide electrode on its surface roughness and work function. Surface and Coatings Technology, 2014, 244, 189-193.	2.2	12
88	Analysis of an Electrodeposition Mechanism of Sn-O-C Composite from an Organic Electrolyte. Journal of the Electrochemical Society, 2014, 161, D3025-D3031.	1.3	9
89	Influence of the diffusion-layer thickness during electrodeposition on the synthesis of nano core/shell Snâ€“Oâ€“C composite as an anode of lithium secondary batteries. RSC Advances, 2014, 4, 26872-26880.	1.7	19
90	Zincâ€“Air Battery: Understanding the Structure and Morphology Changes of Graphene-Supported CoMn₂O₄Bifunctional Catalysts Under Practical Rechargeable Conditions. ACS Applied Materials & Interfaces, 2014, 6, 16545-16555.	4.0	132

#	Article	IF	Citations
91	Monitoring Amyloid Sup35NM Growth with Labelâ€Free Electrical Detection Using a Fieldâ€Effect Transistor Biosensor. ChemElectroChem, 2014, 1, 51-54.	1.7	8
92	A label-free electrical assay of fibrous amyloid Î² based on semiconductor biosensing. Chemical Communications, 2014, 50, 3476-3479.	2.2	15
93	Electrodeposited three-dimensional porous Siâ€“Oâ€“C/Ni thick film as high performance anode for lithium-ion batteries. Journal of Power Sources, 2014, 272, 794-799.	4.0	15
94	Distinction of impedance responses of Li-ion batteries for individual electrodes using symmetric cells. Electrochimica Acta, 2014, 131, 195-201.	2.6	60
95	Electrochemical impedance analysis of electrodeposited Siâ€“Oâ€“C composite thick film on Cu microcones-arrayed current collector for lithium ion battery anode. Journal of Power Sources, 2014, 256, 226-232.	4.0	34
96	A Lithium-Ion Sulfur Battery Based on a Carbon-Coated Lithium-Sulfide Cathode and an Electrodeposited Silicon-Based Anode. ACS Applied Materials & Interfaces, 2014, 6, 10924-10928.	4.0	124
97	Enhanced Oxygen Reduction Activities of Pt Supported on Nitrogen-Doped Carbon Nanocapsules. Electrochimica Acta, 2014, 137, 41-48.	2.6	20
98	Effect of Synthetic Quartz Nanoparticle-Supported Counter Electrode on Dye-Sensitized Solar Cell. Electrochemistry, 2014, 82, 165-167.	0.6	0
99	Carbon-coated Li2S Synthesized by Poly(vinylpyrrolidone) and Acetylene Black for Lithium Ion Battery Cathodes. Chemistry Letters, 2014, 43, 901-903.	0.7	18
100	Silicon, Electrochemical Deposition. , 2014, , 1966-1970.		0
101	Effect of the size of receptor in allergy detection using field effect transistor biosensor. Electrochimica Acta, 2013, 110, 146-151.	2.6	17
102	Snâ€“Oâ€“C composite anode for Li secondary battery synthesized byÂan electrodeposition technique using organic carbonate electrolyte. Journal of Power Sources, 2013, 242, 527-532.	4.0	12
103	Silicon composite thick film electrodeposited on a nickel micro-nanocones hierarchical structured current collector for lithium batteries. Journal of Power Sources, 2013, 222, 503-509.	4.0	39
104	Electrochemical impedance spectroscopy analysis for lithium-ion battery using Li4Ti5O12 anode. Journal of Power Sources, 2013, 222, 442-447.	4.0	92
105	Structural analysis of highly-durable Si O C composite anode prepared by electrodeposition for lithium secondary batteries. Electrochimica Acta, 2013, 110, 403-410.	2.6	39
106	Impedance analysis of the effect of flooding in the cathode catalyst layer of the polymer electrolyte fuel cell. Electrochimica Acta, 2013, 113, 720-729.	2.6	33
107	Attomolar Detection of Influenza A Virus Hemagglutinin Human H1 and Avian H5 Using Glycan-Blotted Field Effect Transistor Biosensor. Analytical Chemistry, 2013, 85, 5641-5644.	3.2	95
108	Non-electrochemical Nanobubble Formation in Ferricyanide/Ferrocyanide Redox Reaction by the Cyclotron Effect under a High Magnetic Field. Electrochemistry, 2013, 81, 890-892.	0.6	14

#	Article	IF	Citations
109	Mechanical and Electrical Properties of Au-Ni-C Alloy Films Produced by Pulsed Current Electrodeposition. Journal of the Electrochemical Society, 2013, 160, D513-D518.	1.3	8
110	Preparation of LiClO4-doped Titanium Organodiphosphonates Possessing Oligomeric Ethylene Oxide Chains and Their Ionic Conductivity. Chemistry Letters, 2013, 42, 318-320.	0.7	0
111	Effect of Electrolyte Additive on Cycle Performance of Electrodeposited Si-O-C Composite Anode for Lithium Secondary Battery. ECS Meeting Abstracts, 2013, , .	0.0	0
112	Structural Analysis of Highly Durable Si-O-C Or Sn-O-C Composite Anodes for Lithium Secondary Battery By Means of Electrodeposition. ECS Meeting Abstracts, 2013, , .	0.0	0
113	New Analysis of Electrochemical Impedance Spectroscopy for Lithium-ion Batteries. Journal of Electrochemical Science and Technology, 2013, 4, 157-162.	0.9	8
114	New Analysis of Electrochemical Impedance Spectroscopy for Lithium-ion Batteries. Journal of Electrochemical Science and Technology, 2013, 4, 157-162.	0.9	9
115	New Approach on Advanced Wet Processing for R^|^amp;D of Functional Materials. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2013, 64, 216-221.	0.1	0
116	Electrochemical Impedance Analysis on Degradation of Commercially Available Lithium Ion Battery during Chargeâ€“Discharge Cycling. Chemistry Letters, 2012, 41, 444-446.	0.7	44
117	Detection of Matrix Metalloproteinase-2 by Field Effect Transistor with a Fibronectin-immobilized Gate. Chemistry Letters, 2012, 41, 825-827.	0.7	2
118	Ac impedance analysis of lithium ion battery under temperature control. Journal of Power Sources, 2012, 216, 304-307.	4.0	191
119	Highly durable SiOC composite anode prepared by electrodeposition for lithium secondary batteries. Energy and Environmental Science, 2012, 5, 6500.	15.6	103
120	Effect of magnetite nanoparticles on living rate of MCF-7 human breast cancer cells. Colloids and Surfaces B: Biointerfaces, 2012, 95, 254-257.	2.5	30
121	Cytotoxicity evaluation of magnetite (Fe3O4) nanoparticles in mouse embryonic stem cells. Colloids and Surfaces B: Biointerfaces, 2012, 97, 221-225.	2.5	39
122	Detection of tumor marker in blood serum using antibody-modified field effect transistor with optimized BSA blocking. Sensors and Actuators B: Chemical, 2012, 161, 146-150.	4.0	67
123	Proposal of novel equivalent circuit for electrochemical impedance analysis of commercially available lithium ion battery. Journal of Power Sources, 2012, 205, 483-486.	4.0	148
124	Injection of synthesized FePt nanoparticles in hole-patterns for bit patterned media. Journal of Magnetism and Magnetic Materials, 2012, 324, 303-308.	1.0	6
125	Prospects of on-chip fuelcell performance: improvement based on numerical simulation. Energy and Environmental Science, 2011, 4, 162-171.	15.6	17
126	Efficient electrocatalytic oxygen reduction over metal free-nitrogen doped carbon nanocapsules. Chemical Communications, 2011, 47, 4463.	2.2	153

#	Article	IF	Citations
127	Impedance Analysis Counting Reaction Distribution on Degradation of Cathode Catalyst Layer in PEFCs. Journal of the Electrochemical Society, 2011, 158, B1184.	1.3	35
128	å¦ã•ã‚‰ç”£ã‚æŠ€è¡“ç™ºä¿¡. Electrochemistry, 2011, 79, 578-581.	0.6	0
129	Formation of PtCu Catalyst by Electrodeposition and Dealloying Method onto Cycloolefin Polymer. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2011, 62, 720.	0.1	0
130	Electrodeposition and Properties of Gold-Nickel Alloy Film with a Nanocrystalline-Amorphous Mixed Structure. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2011, 62, 397-402.	0.1	2
131	Effect of Palladium Nuclei Insertion by Electroless Deposition on Magnetic Intergranular Isolation and Read/Write Characteristics in SmCo5 Perpendicular Magnetic Recording Media. Physics Procedia, 2011, 16, 68-74.	1.2	0
132	Electrodeposited novel highly durable SiOC composite anode for Li battery above several thousands of cycles. Electrochemistry Communications, 2011, 13, 969-972.	2.3	55
133	Chiral sensing system based on the formation of diastereomeric metal complex on a homocysteine monolayer using field effect transistor. Electrochimica Acta, 2011, 56, 9652-9655.	2.6	11
134	Effect of surface roughness and surface modification of indium tin oxide electrode on its potential response to tryptophan. Electrochimica Acta, 2011, 56, 8657-8661.	2.6	10
135	Fabrication of stable antibody-modified field effect transistors using electrical activation of Schiff base cross-linkages for tumor marker detection. Biosensors and Bioelectronics, 2011, 26, 2419-2425.	5.3	50
136	Effect of the atmosphere on chemical composition and electrochemical properties of solid electrolyte interface on electrodeposited Li metal. Journal of Power Sources, 2011, 196, 6483-6487.	4.0	19
137	Relation between Effective Charge Numbers and Signals Caused by Protein Adsorption on Field Effect Transistor Detection. ECS Transactions, 2011, 35, 121-124.	0.3	2
138	Effect of Carbon Inclusion on Microstructure of Electrodeposited Au-Ni Alloy Films. Journal of the Electrochemical Society, 2011, 158, D403.	1.3	4
139	Nanoporous PdCo Catalyst for Microfuel Cells: Electrodeposition and Dealloying. Advances in Physical Chemistry, 2011, 2011, 1-13.	2.0	13
140	Potentiometric Detection of Serotonin, Melatonin, and Their Precursors/Metabolites with Monolayer-Modified Indium Tin Oxide Electrode and Their Concentration Dependency. Sensor Letters, 2011, 9, 1849-1852.	0.4	9
141	Effect of Surface Morphology on Ionic Response of Reference Field Effect Transistor. Electrochemistry, 2010, 78, 143-145.	0.6	0
142	Sialylglycan-modified Field Effect Transistor for Detection of Charged Lectin under Physiological Conditions. Chemistry Letters, 2010, 39, 1245-1247.	0.7	4
143	Recent Trends in Magnetic Film Prepared by Electrochemical Processes. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2010, 61, 396-396.	0.1	1
144	Potential Response of Monolayerâ€Modified Indium Tin Oxide Electrodes to Indole Compounds. Electroanalysis, 2010, 22, 393-398.	1.5	9

#	Article	IF	Citations
145	Nanostructured catalyst with hierarchical porosity and large surface area for on-chip fuel cells. Journal of Power Sources, 2010, 195, 1054-1058.	4.0	22
146	Electrochemical analysis of perpendicular mesoporous Pt electrode filled with pure water for clarifying the active region in fuel cell catalyst layers. Journal of Power Sources, 2010, 195, 2236-2240.	4.0	17
147	Sulfated zirconia as a proton conductor for fuel cells: Stability to hydrolysis and influence on catalysts. Journal of Power Sources, 2010, 195, 4065-4071.	4.0	23
148	Improvement of magnetic intergranular isolation and evaluation of read/write characteristics on SmCo5 perpendicular magnetic thin films. Journal of Magnetism and Magnetic Materials, 2010, 322, 3784-3788.	1.0	2
149	Chiral discrimination between alanine enantiomers by field effect transistor with a homocysteine monolayer-modified gate. Electrochimica Acta, 2010, 55, 4501-4505.	2.6	19
150	(Keynote) Establishment of Electrochemical Device Engineering. ECS Meeting Abstracts, 2010, , .	0.0	0
151	(Invited) Development on Self-Assembly Technique for Arrangement of Chemically Synthesized FePt Nanoparticles. ECS Transactions, 2010, 33, 107-113.	0.3	3
152	Microstructure of Electrodeposited Nano-Crystalline Au-Ni Alloy Films. ECS Transactions, 2010, 33, 27-34.	0.3	0
153	Magnetic Thin Films for Perpendicular Magnetic Recording Systems. Nanostructure Science and Technology, 2010, , 87-98.	0.1	1
154	Micro pH Sensors and Biosensors Based on Electrochemical Field Effect Transistors. Nanostructure Science and Technology, 2010, , 133-149.	0.1	0
155	Electrochemical Fabrication Process for ULSI Interconnects. Nanostructure Science and Technology, 2010, , 255-274.	0.1	2
156	New Proposal for the Interfacial Design toward the Establishment of Electrochemical Device Engineering. ECS Transactions, 2010, 28, 17-24.	0.3	0
157	Arrangement of FePt Nanocubes Utilizing Chemical Binding Selectivity. Journal of the Electrochemical Society, 2010, 157, D514.	1.3	4
158	Analysis of Electrodeposited Auâ€“Ni Alloy Films for Carbon Inclusion and Crystallinity. Journal of the Electrochemical Society, 2010, 157, D274.	1.3	8
159	Mesoporous PdCo sponge-like nanostructure synthesized by electrodeposition and dealloying for oxygen reduction reaction. Journal of Materials Chemistry, 2010, 20, 7175.	6.7	70
160	Theoretical Optimization Method of Buffer Ionic Concentration for Protein Detection Using Field Effect Transistors. Journal of the Electrochemical Society, 2010, 157, J410.	1.3	19
161	Synthesis of mesoporous PtCu film modified with Ru submonolayer as catalyst for methanol electrooxidation. Chemical Communications, 2010, 46, 8989.	2.2	32
162	Evaluation of stability difference between asymmetric homochiral dimer in (S)-thalidomide crystal and symmetric heterochiral dimer in (RS)-thalidomide crystal. Phase Transitions, 2010, 83, 223-234.	0.6	9

#	Article	IF	Citations
163	Fabrication of freeâ€standing albuminâ€nanosheets having heterosurfaces. Journal of Biomedical Materials Research - Part A, 2009, 89A, 233-241.	2.1	4
164	Effect of Electrochemically Structured Titanium Alloys on Cell Morphology. ECS Transactions, 2009, 16, 17-25.	0.3	0
165	Fabrication of Electroless CoWP/NiB Diffusion Barrier Layer on SiO[sub 2] for ULSI Devices. Journal of the Electrochemical Society, 2009, 156, H707.	1.3	24
166	Effect of Surface Morphology of Reference Field Effect Transistor Modified by Octadecyltrimethoxysilane on Ionic Responses. Journal of the Electrochemical Society, 2009, 156, J67.	1.3	3
167	Effect of Surface Morphology of a SiO2/Si Reference Electrode Modified by ODMS on the Responses to pH and Ionic Strength. ECS Transactions, 2009, 16, 507-515.	0.3	0
168	Surface Modification of Chemically Synthesized FePt Nanoparticles. ECS Transactions, 2009, 16, 199-206.	0.3	3
169	Controlled Synthesis and Magnetic Properties of Iron Oxide Nanostructures using Biogenic Polyamines. ECS Transactions, 2009, 16, 189-197.	0.3	6
170	Effect of Carbon Content on the Electrical Resistivity of Electrodeposited Copper. Electrochemical and Solid-State Letters, 2009, 12, D15.	2.2	24
171	Effect of Organosilane Underlayers on the Effectiveness of NiB Barrier Layers in ULSI Metallization. Electrochemical and Solid-State Letters, 2009, 12, D19.	2.2	6
172	Future Technology Proposal for Damascene Process Using All Wet Electrochemical Technique. ECS Transactions, 2009, 19, 67-73.	0.3	6
173	Fabrication of On-Chip Fuel Cells on Polymer Substrates. ECS Transactions, 2009, 25, 1961-1969.	0.3	0
174	Biosensing by optical waveguide spectroscopy based on localized surface plasmon resonance of gold nanoparticles used as a probe or as a label. Journal of Colloid and Interface Science, 2009, 335, 140-145.	5.0	27
175	Cell performance of Pdâ€“Sn catalyst in passive direct methanol alkaline fuel cell using anion exchange membrane. Journal of Power Sources, 2009, 189, 999-1002.	4.0	95
176	Synthesis of carbon-supported Pd-Sn catalyst by ultrasonic irradiation for oxygen reduction reaction. Journal of Power Sources, 2009, 189, 909-915.	4.0	39
177	Ionic conductivity improvement in primary pores of fuel cell catalyst layers: Electropolymerization of m-aminobenzenesulfonic acid and its effect on the performance. Journal of Power Sources, 2009, 192, 316-323.	4.0	14
178	Effect of surface charge of magnetite nanoparticles on their internalization into breast cancer and umbilical vein endothelial cells. Colloids and Surfaces B: Biointerfaces, 2009, 71, 325-330.	2.5	148
179	Synthesis of Pdâ€“Sn nanoparticles by ultrasonic irradiation and their electrocatalytic activity for oxygen reduction. Electrochimica Acta, 2009, 54, 3412-3418.	2.6	53
180	Morphology and Magnetic Properties of Iron Oxide Nanostructures Synthesized with Biogenic Polyamines. Journal of the Electrochemical Society, 2009, 156, K121.	1.3	6

#	Article	IF	Citations
181	On-chip direct methanol fuel cells of a monolithic design: consideration on validity of active-type system. Energy and Environmental Science, 2009, 2, 845.	15.6	15
182	Bendable fuel cells: on-chip fuel cell on a flexible polymer substrate. Energy and Environmental Science, 2009, 2, 1074.	15.6	91
183	On-chip fuel cells for safe and high-power operation: investigation of alcohol fuel solutions. Energy and Environmental Science, 2009, 2, 849.	15.6	27
184	Sonochemical Synthesis of Non-platinum Nanoparticles and Their Electrocatalytic Activity for Oxygen Reduction. Electrochemistry, 2009, 77, 465-467.	0.6	1
185	Tb3+-enhanced Potentiometric Detection of Single Nucleotide Polymorphism by Field Effect Transistors. Chemistry Letters, 2009, 38, 376-377.	0.7	8
186	Electrochemical Processes for ULSI Interconnects. , 2009, , 183-205.		1
187	MNS-05 ENHANCED RAMAN SPECTROSCOPIC ANALYSIS OF ULTRA-THIN PLASMA CVD DIAMOND-LIKE CARBON FILMS USING MOLECULAR SENSOR WITH PLASMON ANTENNA(Micro/Nanosystem Science and Technology) Tj ETQq1 1 0.784314 rgBT Micromechatronics for Information and Precision Equipment IIP/ISPS Joint MIPE, 2009, 2009, 93-94.	0.0	0
188	é›»æ°—åŒ–å¦ ãƒŠãƒŽãƒ†ã‚¯ãƒŽãƒã‚¸ãƒ¼ã®ç”¨èªž. Electrochemistry, 2009, 77, 90-94.	0.6	0
189	Effect of pH on the Enantiospecificity of Homocysteine Monolayer on Au(111) for the Redox Reaction of 3,4â€Ðihydroxyphenylalanine. Electroanalysis, 2008, 20, 955-962.	1.5	15
190	Preparation of human immune effector T cells containing ironâ€oxide nanoparticles. Biotechnology and Bioengineering, 2008, 101, 1123-1128.	1.7	16
191	Sulfated zirconia nanoparticles as a proton conductor for fuel cell electrodes. Journal of Power Sources, 2008, 185, 656-663.	4.0	26
192	Improvement of magnetic properties and read/write characteristics in SmCo5 perpendicular thin films. Journal of Magnetism and Magnetic Materials, 2008, 320, 3075-3078.	1.0	1
193	Enantioselective potential response of a human serum albumin-modified ITO electrode for tryptophan. Electrochemistry Communications, 2008, 10, 1844-1846.	2.3	23
194	Stereospecificity in redox reactions of catechins at gold electrodes modified with self-assembled monolayers of homocysteine. Electrochimica Acta, 2008, 53, 6209-6214.	2.6	14
195	Fabrication of free-standing nanoparticle-fused nanosheets and their hetero-modification using sacrificial film. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 318, 184-190.	2.3	18
196	Immobilization of gold nanoparticles on optical waveguides with organosilane monolayer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 234-238.	2.3	2
197	Electrodeposition of amorphous Auâ€“Ni alloy film. Electrochimica Acta, 2008, 53, 4520-4527.	2.6	17
198	Electrodeposited Pd-Co catalyst for direct methanol fuel cell electrodes: Preparation and characterization. Electrochimica Acta, 2008, 53, 4679-4686.	2.6	74

#	Article	IF	Citations
199	New Trends in Nanoparticles: Syntheses and Their Applications to Fuel Cells, Health Care, and Magnetic Storage. Israel Journal of Chemistry, 2008, 48, 333-347.	1.0	13
200	Perpendicular mesoporous Pt thin films: electrodeposition from titania nanopillars and their electrochemical properties. Chemical Communications, 2008, , 2888.	2.2	32
201	Organic derivatives of the layered perovskite HLaNb2O7Â·xH2O with polyether chains on the interlayer surface: characterization, intercalation of LiClO4, and ionic conductivity. Journal of Materials Chemistry, 2008, 18, 3581.	6.7	26
202	On-Chip Fuel Cell: Micro Direct Methanol Fuel Cell of an Air-Breathing, Membraneless, and Monolithic Design. Journal of the American Chemical Society, 2008, 130, 10456-10457.	6.6	111
203	Effects of Dendrimer-Functionalized Multi-Walled Carbon Nanotubes on Murine Embryonic Stem Cells. ECS Transactions, 2008, 13, 111-116.	0.3	16
204	Existence and origin of compensation layer thickness in Tb₂₀Co₈₀/Pd multilayered films. Journal Physics D: Applied Physics, 2008, 41, 055003.	1.3	6
205	Cycle and Rate Properties of Mesoporous Tin Anode for Lithium Ion Secondary Batteries. Chemistry Letters, 2008, 37, 142-143.	0.7	40
206	Preparation of FePt Nanoparticles with a Narrow Size Distribution in Ionic Liquids. Chemistry Letters, 2008, 37, 1034-1035.	0.7	8
207	Effect of Growth Temperature on the Shape and Crystallinity of Chemically Produced FePt Nanoparticles. Chemistry Letters, 2008, 37, 840-841.	0.7	7
208	A Wet Process for Forming an Adhesive Copper Layer on Polyimide Film. Electrochemistry, 2008, 76, 191-196.	0.6	8
209	Numerical Simulation of DMFC-Capacitor Hybrid Power Supply System for Small Electronic Devices. Electrochemistry, 2008, 76, 270-275.	0.6	1
210	Feasibility of an Interpenetrated Polymer Network System Made of Di-block Copolymer Composed of Polyethylene Oxide and Polystyrene as the Gel Electrolyte for Lithium Secondary Batteries. Electrochemistry, 2008, 76, 276-281.	0.6	11
211	Effect of Surface Character of Reference Electrode Modified by ODMS/SiO2 on Responses to pH and Ionic Strength. ECS Meeting Abstracts, 2008, , .	0.0	0
212	Organic Molecular Sensor with Plasmon Antenna. ECS Transactions, 2008, 16, 397-409.	0.3	7
213	Quantitative Detection of Immunoreaction using Magnetite Nanoparticles and Raman Scattering Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2008, 6, 142-146.	0.1	2
214	Title is missing!. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2008, 59, 355-362.	0.1	1
215	An Electrodeposited Pd-Co Cathode Catalyst for a Microfabricated Direct Methanol Fuel Cell. ECS Transactions, 2007, 11, 1369-1377.	0.3	10
216	An Impedance Analysis on Properties of DMFC Catalyst Layers Based on Primary and Secondary Pores. Journal of the Electrochemical Society, 2007, 154, B902.	1.3	19

#	Article	IF	Citations
217	Electrical and Electrochemical Properties of Alkyl-Monolayer Modified Si(111) in the Presence of Water. Journal of the Electrochemical Society, 2007, 154, H919.	1.3	8
218	Synthesis of Pd-Sn Nanoparticles by Using Ultrasonic Irradiation and their Electrocatalytic Activity for Oxygen Reduction. ECS Transactions, 2007, 11, 51-60.	0.3	5
219	An Electrochemical Investigation of Additive Effect in Trench-Filling of ULSI Interconnects by Electroless Copper Deposition. Electrochemistry, 2007, 75, 349-358.	0.6	13
220	Evidence for â€œsuperfillingâ€•of submicrometer trenches with electroless copper deposit. Applied Physics Letters, 2007, 90, 101916.	1.5	39
221	Effect of surface coverage of gold(111) electrode with cysteine on the chiral discrimination of DOPA. Chirality, 2007, 19, 295-299.	1.3	27
222	Electrodeposition of amorphous gold alloy films. Electrochimica Acta, 2007, 53, 11-15.	2.6	13
223	Spectroelectrochemical phenomena on surface plasmon resonance of Au nanoparticles immobilized on transparent electrode. Electrochimica Acta, 2007, 52, 5914-5923.	2.6	43
224	Direct deposition of nanostructured Pt particles onto a Ni foam from lyotropic liquid crystalline phase by displacement plating. Electrochimica Acta, 2007, 53, 604-609.	2.6	21
225	Highly enantioselective discrimination of amino acids using copper deposition on a gold electrode modified with homocysteine monolayer. Electrochemistry Communications, 2007, 9, 725-728.	2.3	35
226	A challenge of new materials for next generation's magnetic recording. Electrochimica Acta, 2007, 52, 2884-2890.	2.6	11
227	New formation process of plating thin films on several substrates by means of self-assembled monolayer (SAM) process. Electrochimica Acta, 2007, 53, 271-277.	2.6	37
228	Microscopic magnetic property of perpendicular magnetic films of DyxCo100â^'x measured using soft X-ray magnetic circular dichroism. Journal of Physics and Chemistry of Solids, 2007, 68, 2148-2152.	1.9	9
229	Preparation and characterization of ZrO2/Ti electrode for waste water purification system. Journal of the European Ceramic Society, 2007, 27, 3749-3752.	2.8	2
230	Synthesis of Fe3O4 nanoparticles with various sizes and magnetic properties by controlled hydrolysis. Journal of Colloid and Interface Science, 2007, 314, 274-280.	5.0	388
231	Fabrication of SmCo$_{5}$ Double-Layered Perpendicular Magnetic Recording Media. IEEE Transactions on Magnetics, 2007, 43, 2109-2111.	1.2	8
232	Magnetically Induced Orientation of Mesochannels in Mesoporous Silica Films at 30â€…Tesla. Chemistry - an Asian Journal, 2007, 2, 1505-1512.	1.7	56
233	Magnetically induced orientation of mesochannels in 2D-hexagonal mesoporous silica films. Journal of Materials Chemistry, 2006, 16, 3693.	6.7	61
234	Synthesis and characterization of mesoporous Ptâ€“Ni (HIâ€“Pt/Ni) alloy particles prepared from lyotropic liquid crystalline media. Journal of Materials Chemistry, 2006, 16, 2229-2234.	6.7	34

#	Article	IF	Citations
235	Enantioselectivity of Redox Reaction of DOPA at the Gold Electrode Modified with a Self-Assembled Monolayer of Homocysteine. Journal of the American Chemical Society, 2006, 128, 13322-13323.	6.6	54
236	Enhancement of the Ductility of Electrodeposited Copper Films by Room-Temperature Recrystallization. Journal of the Electrochemical Society, 2006, 153, C117.	1.3	39
237	Nano-Tribological Study on the Smoothness of Writing with a Ball-Point Pen Using Friction Force Microscopy. Bulletin of the Chemical Society of Japan, 2006, 79, 149-153.	2.0	3
238	New Proposal of Evaluation Method for DMFC Catalyst Layers by Means of Electrochemical Impedance Spectroscopy. Chemistry Letters, 2006, 35, 10-11.	0.7	9
239	Effect of Substrate Morphology on the Crystallization of Leucine on Gold Surface Modified with a Self-assembled Monolayer. Chemistry Letters, 2006, 35, 438-439.	0.7	5
240	Effect of the Thickness of Electrolyte Membrane on the Performance of Passive DMFC. Electrochemistry, 2006, 74, 326-331.	0.6	4
241	Soft X-ray absorption spectroscopy and magnetic circular dichroism study of electroless-deposited CoNiFe ternary alloy soft magnetic films. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2783-2786.	0.8	1
242	Crystallization of leucine on a self-assembled monolayer with covalently attached enantiomeric leucine molecules. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 284-285, 270-275.	2.3	14
243	Origin of chiral discrimination by a two-dimensionally chiral self-assembled monolayer: A quantum chemical study. Chemical Physics Letters, 2006, 432, 502-507.	1.2	2
244	Preparation of magnetic iron-oxide nanoparticles by successive reductionâ€“oxidation in reverse micelles: Effects of reducing agent and atmosphere. Electrochimica Acta, 2006, 52, 292-296.	2.6	24
245	Synthetic optimization of spherical LiCoO2 and precursor via uniform-phase precipitation. Journal of Power Sources, 2006, 158, 529-534.	4.0	32
246	Electrochemical characteristics of layered LiNi1/3Co1/3Mn1/3O2 and with different synthesis conditions. Journal of Power Sources, 2006, 160, 627-632.	4.0	81
247	Development of microfabrication process of mesoporous Pt via â€œSolvent-Evaporation-Mediated Direct Physical Castingâ€• Selective deposition into sloped microchannels. Science and Technology of Advanced Materials, 2006, 7, 438-445.	2.8	23
248	Adsorption of organic molecules by photochemical reaction on Cl:Si(111) and H:Si(111) evaluated by HREELS. Surface Science, 2006, 600, 1965-1972.	0.8	11
249	Synthesis of magnetic nanoparticles and their application to bioassays. Analytical and Bioanalytical Chemistry, 2006, 384, 593-600.	1.9	166
250	Development of new electrolytic and electroless gold plating processes for electronics applications. Science and Technology of Advanced Materials, 2006, 7, 425-437.	2.8	35
251	Electrochemical formation of intermediate layer for Co/Pd multilayered media. Journal of Magnetism and Magnetic Materials, 2006, 303, e128-e132.	1.0	5
252	Origin of perpendicular magnetic anisotropy of SmCo5 thin films with Cu underlayer. Journal of Magnetism and Magnetic Materials, 2006, 301, 271-278.	1.0	41

#	Article	IF	Citations
253	Metallization on Three Dimensions Microstructures Using Photoresist Spray Coating for Microdirect Methanol Fuel Cell. Japanese Journal of Applied Physics, 2006, 45, 7944-7948.	0.8	10
254	Void-Free Trench-Filling by Electroless Copper Deposition Using the Combination of Accelerating and Inhibiting Additives. Electrochemical and Solid-State Letters, 2006, 9, C138.	2.2	45
255	Fabrication of the Electroless NiMoB Films as a Diffusion Barrier Layer on the Low-k Substrate. ECS Transactions, 2006, 1, 57-67.	0.3	3
256	A Study on the Method to Embed the Thin Film Capacitor Fabricated by Semiconductor Technology. Journal of Japan Institute of Electronics Packaging, 2006, 9, 282-288.	0.0	0
257	Surface Conductivity in Methyl-monolayer/Si Heterojunction Structure in the Presence of Water. Chemistry Letters, 2005, 34, 520-521.	0.7	4
258	Organosilane self-assembled monolayer-modified field effect transistors for on-chip ion and biomolecule sensing. Sensors and Actuators B: Chemical, 2005, 108, 721-726.	4.0	44
259	Microstructure of a Co/Pd multilayered perpendicular recording medium with Pd seeds prepared by electrochemical process. Journal of Magnetism and Magnetic Materials, 2005, 287, 188-192.	1.0	8
260	Effect of N2 additive gas during sputtering on magnetic properties and microstructure of CoB/Pd multilayered media. Journal of Magnetism and Magnetic Materials, 2005, 287, 199-203.	1.0	1
261	Three-dimensional microfabrication process using Bi electrodeposition for a highly sensitive X-ray imaging sensor. Journal of Electroanalytical Chemistry, 2005, 584, 28-33.	1.9	17
262	Fabrication of mesoporous Pt inside micrometer channels via â€œsolvent-evaporation-mediated direct physical castingâ€• Electrochemistry Communications, 2005, 7, 1364-1370.	2.3	28
263	Surface modification of Î³-Fe2O3 nanoparticles with aminopropylsilyl groups and interparticle linkage with Î±,Ï‰-dicarboxylic acids. Electrochimica Acta, 2005, 51, 855-859.	2.6	32
264	Fabrication of patterned nanostructures with various metal species on Si wafer surfaces by maskless and electroless process. Electrochimica Acta, 2005, 51, 834-837.	2.6	31
265	The study of antimicrobial activity and preservative effects of nanosilver ingredient. Electrochimica Acta, 2005, 51, 956-960.	2.6	764
266	Characterization of strained Si wafer surface by density functional theory analysis. Electrochimica Acta, 2005, 51, 1000-1003.	2.6	3
267	High efficiency electrochemical immuno sensors using 3D comb electrodes. Biosensors and Bioelectronics, 2005, 20, 2306-2309.	5.3	47
268	Development of high-performance magnetic thin film for high-density magnetic recording. Electrochimica Acta, 2005, 50, 4576-4585.	2.6	87
269	Preparation and characterization of electroplated amorphous goldâ€“nickel alloy film for electrical contact applications. Electrochimica Acta, 2005, 51, 882-887.	2.6	33
270	Picoliter volume glass tube array fabricated by Si electrochemical etching process. Electrochimica Acta, 2005, 51, 844-848.	2.6	4

#	Article	IF	Citations
271	Electrochemical Formation Process of Si Macropore and Metal Filling for High Aspect Ratio Metal Microstructure Using Single Electrolyte System. Electrochemistry, 2005, 73, 275-278.	0.6	20
272	A Micro Direct Methanol Fuel Cell Using Platinum and Platinum-Ruthenium Electroplated Microchannel Electrodes. Electrochemistry, 2005, 73, 346-351.	0.6	15
273	Direct Physical Casting of the Mesostructure in Lyotropic Liquid Crystalline Media by Electroless Deposition. Electrochemical and Solid-State Letters, 2005, 8, C141.	2.2	17
274	Effects of Additives on Copper Electrodeposition in Submicrometer Trenches. Journal of the Electrochemical Society, 2005, 152, C221.	1.3	95
275	Deposition Behavior of Ni on Si(100) Surfaces in an Aqueous Alkaline Solution. Journal of the Electrochemical Society, 2005, 152, C54.	1.3	12
276	Fabrication of amino silane-coated microchip for DNA extraction from whole blood. Journal of Biotechnology, 2005, 116, 105-111.	1.9	125
277	Unique Microstructure of Mesoporous Pt (HI-Pt) Prepared via Direct Physical Casting in Lyotropic Liquid Crystalline Media. Chemistry of Materials, 2005, 17, 6342-6348.	3.2	62
278	Structural and Morphological Modifications of a Nanosized 62 Atom Percent Sn-Ni Thin Film Anode during Reaction with Lithium. Journal of the Electrochemical Society, 2005, 152, A560.	1.3	69
279	Area-Selective Formation of Macropore Array by Anisotropic Electrochemical Etching on an n-Si(100) Surface in Aqueous HF Solution. Journal of Physical Chemistry B, 2005, 109, 5724-5727.	1.2	13
280	Highly ordered mesostructured Ni particles prepared from lyotropic liquid crystals by electroless deposition: the effect of reducing agents on the ordering of mesostructure. Journal of Materials Chemistry, 2005, 15, 1987.	6.7	73
281	Fabrication of Passive Thin Film Capacitor by Using Semiconductor Technology. Journal of Japan Institute of Electronics Packaging, 2005, 8, 517-522.	0.0	4
282	Fabrication Process of Sloped Micro-channel Electrodes for Âµ-DMFC. Electrochemistry, 2005, 73, 352-355.	0.6	9
283	Ab Initio Molecular Orbital Study of the Electron Emission Mechanism of TiCl₃ as a Reductant for an Electroless Deposition Process. Electrochemistry, 2004, 72, 462-465.	0.6	6
284	ãƒêƒªã,ãƒŸãƒ‰æ¨¹è„‚ä¸Šã•ê°ç›´æŽ¥éŠ…æˆè†œã•®æœ¨Ž. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2004, 55, 9	0.1	2
285	ã,¨ãƒ¬ã,¯ãƒˆãƒãƒ‹ã,¯ã,¹å^†é‡Žã«ãŠã‘ã,‹é«˜æ©Ÿèƒ½æ€§è–„è†œã•®å½¢æˆæŠ€è¡“. Hyomen Gijutsu/Journal of the Surface Finishing So	0.1	2
286	Fabrication of Organic Monolayer Modified Ion-Sensitive Field Effect Transistors with High Chemical Durability. Japanese Journal of Applied Physics, 2004, 43, L105-L107.	0.8	24
287	High Sensitive X-ray Microcalorimeter Using Biâ€“Au Microabsorber for Imaging Applications. Japanese Journal of Applied Physics, 2004, 43, 1190-1195.	0.8	10
288	Newly developed SmCo5thin film with perpendicular magnetic anisotropy. Journal Physics D: Applied Physics, 2004, 37, L1-L4.	1.3	103

#	Article	IF	Citations
289	Creation of highly functional thin films using electrochemical nanotechnology. Chemical Record, 2004, 4, 346-362.	2.9	13
290	Detection of biomolecular interaction between biotin and streptavidin on a self-assembled monolayer using magnetic nanoparticles. Biotechnology and Bioengineering, 2004, 88, 543-546.	1.7	47
291	Chiral discrimination between thalidomide enantiomers using a solid surface with two-dimensional chirality. Chirality, 2004, 16, S36-S39.	1.3	46
292	MEMS-based design and fabrication of a new concept micro direct methanol fuel cell (Î¼-DMFC). Electrochemistry Communications, 2004, 6, 562-565.	2.3	169
293	Design and fabrication of pumpless small direct methanol fuel cells for portable applications. Journal of Power Sources, 2004, 137, 277-283.	4.0	176
294	Fabrication of magnetic mesostructured nickelâ€“cobalt alloys from lyotropic liquid crystalline media by electroless deposition. Journal of Materials Chemistry, 2004, 14, 2935-2940.	6.7	65
295	Formation of Molecular Templates for Fabricating On-Chip Biosensing Devices. Journal of Physical Chemistry B, 2004, 108, 3240-3245.	1.2	44
296	Deposition Mechanism of Ni on Si(100) Surfaces in Aqueous Alkaline Solution. Journal of Physical Chemistry B, 2004, 108, 9900-9904.	1.2	39
297	Enantioselective Crystal Growth of Leucine on a Self-Assembled Monolayer with Covalently Attached Leucine Molecules. Journal of the American Chemical Society, 2004, 126, 428-429.	6.6	59
298	Peak of a gyration tensor component of boracite crystals. , 2004, , .		1
299	Platinum Thin Film with a Highly Ordered Mesostructure by Contact Plating. Chemistry Letters, 2004, 33, 1576-1577.	0.7	24
300	Electrochemical Behavior of Methyl- and Butyl- Terminated Si(111) in Aqueous Solution. Chemistry Letters, 2004, 33, 284-285.	0.7	22
301	Highly Ordered Mesoporous Ni Particles Prepared by Electroless Deposition from Lyotropic Liquid Crystals. Chemistry Letters, 2004, 33, 542-543.	0.7	52
302	Formation of Micro and Nanoscale Patterns of Monolayer Templates for Position Selective Immobilization of Oligonucleotide Using Ultraviolet and Electron Beam Lithography. Chemistry Letters, 2004, 33, 176-177.	0.7	19
303	Development of a microcalorimeter array for the Diffuse-Intergalactic Oxygen-Surveyor (DIOS) mission. , 2004, , .		7
304	Development of Bi Electrodeposition Process for Fabricating Microabsorber Array for High Sensitive X-ray Imaging Sensor. Electrochemistry, 2004, 72, 424-426.	0.6	2
305	Development of a Passive Direct Methanol Fuel Cell Stack for Portable Applications. Electrochemistry, 2004, 72, 637-640.	0.6	5
306	Nickel electroless deposition process on chemically pretreated Si(100) wafers in aqueous alkaline solution. Electrochimica Acta, 2003, 48, 1295-1300.	2.6	33

#	Article	IF	Citations
307	Maskless and electroless fabrication of patterned metal nanostructures on silicon wafers by controlling local surface activities. Electrochimica Acta, 2003, 48, 3115-3122.	2.6	36
308	Survey of the metal nucleation processes on silicon surfaces in fluoride solutions: from dilute HF to concentrated NH4F solutions. Journal of Electroanalytical Chemistry, 2003, 559, 111-123.	1.9	42
309	Molecular orbital study on the reaction process of dimethylamine borane as a reductant for electroless deposition. Journal of Electroanalytical Chemistry, 2003, 559, 131-136.	1.9	70
310	Microfabrication of electro- and electroless-deposition and its application in the electronic field. Surface and Coatings Technology, 2003, 169-170, 1-7.	2.2	29
311	Characterization of chemically-deposited NiB and NiWB thin films as a capping layer for ULSI application. Surface and Coatings Technology, 2003, 169-170, 124-127.	2.2	49
312	Particle size and performance of SnS2 anodes for rechargeable lithium batteries. Journal of Power Sources, 2003, 119-121, 60-63.	4.0	109
313	Detection of Câ”Si Covalent Bond in CH3Adsorbate Formed by Chemical Reaction of CH3MgBr and H:Si(111). Journal of the American Chemical Society, 2003, 125, 8039-8042.	6.6	42
314	A High Moment CoFe Soft Magnetic Thin Film Prepared by Electrodeposition. Electrochemical and Solid-State Letters, 2003, 6, C53.	2.2	61
315	Electrodeposited Sn-Ni Alloy Film as a High Capacity Anode Material for Lithium-Ion Secondary Batteries. Electrochemical and Solid-State Letters, 2003, 6, A218.	2.2	168
316	Multipixel readout of TES calorimeters. , 2003, , .		1
317	Measurement of circular dichroism of ferroelectric fresnoite Ba 2 Si 2 TiO 8. , 2003, , .		3
318	Present performance of a single pixel Ti/Au bilayer TES calorimeter. , 2003, 4851, 831.		12
319	Preparation of Iron Oxide Nanoparticles via Successive Reductionâ€“Oxidation in Reverse Micelles. Chemistry Letters, 2003, 32, 1166-1167.	0.7	29
320	Characteristics of Interpenetrated Polymer Network System made of Polyethylene Oxide-LiBF₄ Complex and Polystyrene as the Electrolyte for Lithium Secondary Battery. Electrochemistry, 2003, 71, 1182-1186.	0.6	4
321	Influence of Sputtering Conditions for Co/Pd Multilayer on its Magnetic Properties and Crystalline Microstructure. Transactions of the Magnetics Society of Japan, 2003, 3, 8-12.	0.5	3
322	Fabrication of Electroless NiReP Barrier Layer on SiO[sub 2] Without Sputtered Seed Layer. Electrochemical and Solid-State Letters, 2002, 5, C7.	2.2	42
323	Micropattern Formation for Magnetic Recording Head Using Electroless CoFeB Deposition. Journal of the Electrochemical Society, 2002, 149, C375.	1.3	25
324	Thermal Desorption High-Resolution Mass Spectrometry of Mixed Self-Assembled Monolayers on Gold. Langmuir, 2002, 18, 1528-1534.	1.6	14

#	Article	IF	Citations
325	Enantioselective Adsorption of Phenylalanine onto Self-Assembled Monolayers of 1,1â€˜-Binaphthalene-2,2â€˜-dithiol on Gold. Journal of the American Chemical Society, 2002, 124, 740-741.	6.6	44
326	Electroless Nickel Ternary Alloy Deposition on SiO[sub 2] for Application to Diffusion Barrier Layer in Copper Interconnect Technology. Journal of the Electrochemical Society, 2002, 149, C573.	1.3	54
327	Alkyl monolayers on Si(111) as ultrathin electron-beam patterning media. Journal of Electroanalytical Chemistry, 2002, 532, 247-254.	1.9	14
328	ã‚¤ã‚ªãƒ³æœ€æ–°°å‹•å‘. Electrochemistry, 2002, 70, 802-806.	0.6	2
329	Preparation and Methanol Permeability of Polyaniline/Nafion Composite Membrane. Electrochemistry, 2002, 70, 991-993.	0.6	20
330	Addition of Ionic Conductivity to Engineering Polymers by Means of Polypyrrole. Electrochemistry, 2002, 70, 994-997.	0.6	1
331	Ab Initio Molecular Orbital Study of the Oxidation Mechanism of Hypophosphite Ion as a Reductant for an Electroless Deposition Process. Journal of Physical Chemistry B, 2001, 105, 1701-1704.	1.2	41
332	New Insights into the Carbon/Polymer Electrolyte Interface in the Electric Double Layer Capacitor. Electrochemistry, 2001, 69, 422-427.	0.6	6
333	Preparation of Potentiometric Acetylcholine Sensor Using Electropolymerized Insulating Poly-1-Aminopyrrole with Polyion Complex. Electrochemistry, 2001, 69, 598-602.	0.6	6
334	New Developments in Chemical Wet Processes. Preparation of Functionally Graded Magnetic Thin Films by Electroless Deposition Process.. Hyomen Kagaku, 2001, 22, 350-356.	0.0	1
335	Formation and Analysis of High Resistivity Electroless NiReB Films Deposited from a Sodium Citrate Bath. Journal of the Electrochemical Society, 2001, 148, C753.	1.3	8
336	Polarimetry of electromagnetic materials. , 2001, , .		3
337	Lithium metal/polymer battery. Journal of Power Sources, 2001, 97-98, 765-767.	4.0	8
338	SnS2 anode for rechargeable lithium battery. Journal of Power Sources, 2001, 97-98, 198-200.	4.0	112
339	Microstructure of electroplated soft magnetic CoNiFe thin films. Thin Solid Films, 2001, 384, 288-293.	0.8	42
340	Application of organic monolayers formed on Si(111): possibilities for nanometer-scale patterning. Electrochemistry Communications, 2001, 3, 67-72.	2.3	12
341	Molecular orbital study on the reaction mechanisms of electroless deposition processes. Electrochimica Acta, 2001, 47, 47-53.	2.6	62
342	Introduction of electrochemical microsystem technologies (EMT) from ultra-high-density magnetic recording. Electrochimica Acta, 2001, 47, 23-28.	2.6	16

#	Article	IF	Citations
343	Amperometric sensing system for the detection of urea by a combination of the pH-stat method and flow injection analysis. Sensors and Actuators B: Chemical, 2001, 76, 152-157.	4.0	27
344	Pulsed Electrodeposition of Nanocrystalline CoNiFe Soft Magnetic Thin Films. Journal of the Electrochemical Society, 2001, 148, C627.	1.3	42
345	Evaluation of Organic Monolayers Formed on Si(111): Exploring the Possibilities for Application in Electron Beam Nanoscale Patterning. Japanese Journal of Applied Physics, 2001, 40, 4845-4853.	0.8	16
346	Metallic bismuth on strontium-bismuth tantalate thin films for ferroelectric memory application. Surface and Interface Analysis, 2000, 30, 391-395.	0.8	12
347	Nickel deposition behavior on n-type silicon wafer for fabrication of minute nickel dots. Electrochimica Acta, 2000, 45, 3263-3268.	2.6	41
348	Electroless CoNiFeB soft magnetic thin films with high corrosion resistance. Journal of Electroanalytical Chemistry, 2000, 491, 197-202.	1.9	43
349	Electrochemical molecular sieving of the polyion complex film for designing highly sensitive biosensor for creatinine. Sensors and Actuators B: Chemical, 2000, 65, 58-63.	4.0	40
350	Electrodeposition of highly functional thin films for magnetic recording devices of the next century. Electrochimica Acta, 2000, 45, 3311-3321.	2.6	171
351	Microstructural Study on the Functionally Graded Magnetic Thin Films Prepared by Electroless Deposition. Journal of the Electrochemical Society, 2000, 147, 160.	1.3	21
352	CoCrPtTa single layer perpendicular magnetic recording media with carbon underlayer. Journal of Applied Physics, 2000, 88, 6645-6651.	1.1	13
353	Electrochemical Studies on the Deposition Process of Electroless CoNiP Films with Graded Magnetic Properties. Journal of the Electrochemical Society, 2000, 147, 4138.	1.3	12
354	Control ofPythiumRoot Rot on Hydroponically Grown Cucumbers with Silver-Coated Cloth. Bioscience, Biotechnology and Biochemistry, 2000, 64, 1515-1518.	0.6	6
355	æƒ…å±ç”£æ¥æ´»èºé™¸ã‚‹æ»»æ°—åŒ–å¦. Electrochemistry, 2000, 68, 1034-1035.	0.6	0
356	Effect of Co-deposited Elements on Structure of Electroless NiB Plating.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1999, 50, 353-358.	0.1	2
357	Electrochemical Properties of Chloranilic Acid and its Application to the Anode Material of Alkaline Secondary Batteries. Electrochemistry, 1999, 67, 238-242.	0.6	2
358	Mechanism of Direct Copper Plating on Nonconducting Substrates. Journal of the Electrochemical Society, 1999, 146, 160-166.	1.3	17
359	High Sensitivity Flow Injection Analysis of Urea Using Composite Electropolymerized Polypyrroleâ€Polyion Complex Film. Journal of the Electrochemical Society, 1999, 146, 615-619.	1.3	28
360	Performance of a Lithium Metal Anode in Poly(vinylidene fluoride)-Type Gel Electrolyte. Electrochemical and Solid-State Letters, 1999, 2, 215.	2.2	17

#	Article	IF	Citations
361	Characterization of Ferroelectric SrBi2Ta2â€‰Oâ€‰9 Thin Films Prepared from Alkoxide Solutions. Journal of the Electrochemical Society, 1999, 146, 685-690.	1.3	9
362	Improved morphology of plated lithium in poly(vinylidene fluoride) based electrolyte. Journal of Power Sources, 1999, 81-82, 734-738.	4.0	17
363	Initial propagation stage of direct copper plating on non-conducting substrates. Electrochimica Acta, 1999, 44, 3697-3705.	2.6	31
364	Effect of deposition site condition on the initial growth process of electroless CoNiP films. Electrochimica Acta, 1999, 44, 3707-3711.	2.6	15
365	Effect of oxidized silicon surface on chemical deposition of nickel on n-type silicon wafer. Electrochimica Acta, 1999, 44, 3743-3749.	2.6	23
366	Recent development of Magnetic recording head core materials by plating method. Electrochimica Acta, 1999, 44, 3885-3890.	2.6	73
367	Ab Initio Molecular Orbital Study on the Oxidation Mechanism for Dimethylamine Borane as a Reductant for an Electroless Deposition Process. Journal of Physical Chemistry B, 1999, 103, 1774-1778.	1.2	42
368	Mechanism of the Chemical Deposition of Nickel on Silicon Wafers in Aqueous Solution. Journal of the Electrochemical Society, 1999, 146, 1407-1411.	1.3	55
369	Influence of Crystalline Structure and Sulfur Inclusion on Corrosion Properties of Electrodeposited CoNiFe Soft Magnetic Films. Journal of the Electrochemical Society, 1999, 146, 2092-2096.	1.3	58
370	An Electrochemical Double Layer Capacitor Using an Activated Carbon Electrode with Gel Electrolyte Binder. Journal of the Electrochemical Society, 1999, 146, 1724-1729.	1.3	125
371	Analysis of the degradation mechanism of Pt/SrBi2(Ta/Nb)2O9/Pt capacitors during reductive annealing. Integrated Ferroelectrics, 1999, 25, 245-264.	0.3	2
372	Effects of Saccharin and Thiourea on Sulfur Inclusion and Coercivity of Electroplated Soft Magnetic CoNiFe Film. Journal of the Electrochemical Society, 1999, 146, 3295-3299.	1.3	117
373	Effect of Mixed Complexing Agents on Electroless NiB Plating.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1999, 50, 294-300.	0.1	1
374	Formation of Microprobe Using Nickel Electrodeposition. Electrochemistry, 1999, 67, 1150-1152.	0.6	4
375	Research and Development of High Performance Soft Magnetic Thin Films. Electrochemistry, 1999, 67, 894-899.	0.6	5
376	Assessment of lithium ion doping into low crystallized carbonaceous materials using molecular orbital calculations. Electrochimica Acta, 1998, 43, 3127-3133.	2.6	4
377	A soft magnetic CoNiFe film with high saturation magnetic flux density and low coercivity. Nature, 1998, 392, 796-798.	13.7	360
378	Biological determination of Ag(I) ion and arginine by using the composite film of electroinactive polypyrrole and polyion complex. Sensors and Actuators B: Chemical, 1998, 52, 78-83.	4.0	28

#	Article	IF	Citations
379	Impedance analysis of electrodeposited insulating polypyrrole. Journal of Electroanalytical Chemistry, 1998, 453, 19-23.	1.9	20
380	Acetylene black/poly(vinylidene fluoride) gel electrolyte composite electrode for an electric double-layer capacitor. Journal of Power Sources, 1998, 74, 122-128.	4.0	47
381	Flow injection analysis of potassium using an all-solid-state potassium-selective electrode as a detector. Talanta, 1998, 46, 1293-1297.	2.9	30
382	Study of the Structural Change Due to Heatâ€Treatment in High Resistivity Electroless NiPC Film. Journal of the Electrochemical Society, 1998, 145, 2419-2424.	1.3	7
383	Highly Sensitive Microbiosensor for Creatinine Based on the Combination of Inactive Polypyrrole with Polyion Complexes. Journal of the Electrochemical Society, 1998, 145, 406-408.	1.3	84
384	Gradient Control of Magnetic Properties in Electrolessâ€Deposited CoNiP Thin Films. Journal of the Electrochemical Society, 1998, 145, 134-138.	1.3	28
385	Electrochemical Formation of Polypyrrole/ SiO2 Composite Film and Its Application to Organic Electroluminescence Devices. Journal of the Electrochemical Society, 1998, 145, 1126-1130.	1.3	15
386	Analysis of Direct Copper Plating Acceleration by Pd/Sn Mixed Catalyst.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1998, 49, 625-631.	0.1	4
387	Electrodeposition of Soft Magnetic Ni-Fe-based Film with High Resistivity.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1998, 49, 292-296.	0.1	14
388	Fabrication of Nickel Dots Using Selective Electroless Deposition on Silicon Wafer. Chemistry Letters, 1998, 27, 657-658.	0.7	12
389	Relationship between Residual Metal Ions in a Solution and the Inhibitory Capability of the Metal Ions for Pathogenic Bacterial Growth. Bulletin of the Chemical Society of Japan, 1998, 71, 939-945.	2.0	6
390	Preparation of Functionally Graded Magnetic Films by an Electrochemical Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1998, 62, 1025-1030.	0.2	3
391	Organic Electroluminescence Device Based on an Electrodeposited Poly(3â€substituted thiophen) Film. Journal of the Electrochemical Society, 1997, 144, 742-748.	1.3	61
392	Micro-patterning of NiB Films by Means of Electroless Plating.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1997, 48, 98-99.	0.1	6
393	Study on Head Core Materials with High B_s by Plating Methods. Journal of the Magnetics Society of Japan, 1997, 21, S2_433-437.	0.4	1
394	The Inhibitory Capability of Decorative Plated Coatings for the Growth of Bacteria. Bulletin of the Chemical Society of Japan, 1997, 70, 1631-1637.	2.0	7
395	Corrosion Resistance and Antibacterial Activity Performances of Ni-TiO2Composite Coatings. Chemistry Letters, 1997, 26, 909-910.	0.7	3
396	Properties of Electric Doubleâ€Layer Capacitors with Various Polymer Gel Electrolytes. Journal of the Electrochemical Society, 1997, 144, 3066-3071.	1.3	125

#	Article	IF	Citations
397	Surface Characterization of Electrodeposited Lithium Anode with Enhanced Cycleability Obtained by â€‰COâ€‰2 Addition. Journal of the Electrochemical Society, 1997, 144, 1709-1713.	1.3	95
398	Compositional inhomogeneity in electroless-deposited CoNiP films studied by spin-echo 59Co nuclear magnetic resonance. Journal of Magnetism and Magnetic Materials, 1997, 173, 314-320.	1.0	18
399	Effect of carbon dioxide on lithium anode cycleability with various substrates. Journal of Power Sources, 1997, 68, 497-500.	4.0	29
400	Performances of lithium/gel electrolyte/polypyrrole secondary batteries. Journal of Power Sources, 1997, 68, 392-396.	4.0	66
401	In situ observation of lithium deposition processes in solid polymer and gel electrolytes. Journal of Electroanalytical Chemistry, 1997, 421, 153-156.	1.9	60
402	Potentiometric biosensor for urea based on electropolymerized electroinactive polypyrrole. Electrochimica Acta, 1997, 42, 383-388.	2.6	84
403	On the possibility of hydrogen intercalation of graphite-like carbon materialsâ€”electrochemical and molecular orbital studies. Electrochimica Acta, 1997, 42, 2707-2717.	2.6	14
404	Electrochemical formation and microstructure in thin films for high functional devices. Electrochimica Acta, 1997, 42, 3015-3022.	2.6	34
405	A study on growth processes of CoNiP perpendicular magnetic anisotropy films electroless-deposited at room temperature. Electrochimica Acta, 1997, 42, 3041-3047.	2.6	32
406	High Frequency Permeability of Electrodeposited CoNiFeS Film with High Bs and Ï• Journal of the Magnetics Society of Japan, 1997, 21, S2_443-446.	0.4	7
407	Simulation of Power Capacitor Properties for Electric Vehicle Power Supply. Electrochemistry, 1997, 65, 115-120.	0.3	4
408	aa. Journal of the Magnetics Society of Japan, 1997, 21, S2_529-532.	0.4	0
409	All-Solid State Electric Double Layer Capacitor Using Polymer Electrolyte and Isotropic High Density Graphite Electrodes. Chemistry Letters, 1996, 25, 625-626.	0.7	12
410	Structure and Formation Mechanism of Surface Films Formed on Magnesium Die Cast AZ91D by Chemical Conversion Coating.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1996, 47, 263-267.	0.1	9
411	Preparation and It's Properties of High Resistivity NiP Films by Means of Electroless Deposition.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1996, 47, 779-783.	0.1	9
412	Preparation and Magnetic Properties of CoNiFe Thin Film by Electrodeposition.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1996, 47, 934-938.	0.1	31
413	Structure and Growth Mechanism of Anodic Films Formed on Magnesium Die Cast AZ91D.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1996, 47, 268-272.	0.1	18
414	MgO powders for protective layer of alternating current plasma display panel. Electronics and Communications in Japan, 1996, 79, 55-66.	0.2	0

#	Article	IF	Citations
415	Analysis of the long-term potential stability of an all-solid-state potassium-selective electrode with electroactive polypyrrole film. Journal of Electroanalytical Chemistry, 1996, 407, 91-96.	1.9	26
416	High-sensitivity urea sensor based on the composite film of electroinactive polypyrrole with polyion complex. Sensors and Actuators B: Chemical, 1996, 36, 463-469.	4.0	51
417	Electrochemical modification of active carbon fiber electrode and its application to double-layer capacitor. Journal of Power Sources, 1996, 60, 249-253.	4.0	143
418	Allâ€Solidâ€State Electric Doubleâ€Layer Capacitor with Isotropic Highâ€Density Graphite Electrode and Polyethylene Oxide/ LiClO4 Polymer Electrolyte. Journal of the Electrochemical Society, 1996, 143, 3982-3986.	1.3	96
419	Urea Biosensor Based on the Composite Film of Electroinactive Polypyrrole and Urease Modified with Polyanion. Electrochemistry, 1996, 64, 1228-1233.	0.3	9
420	Improvement of Active Carbon Fiber Electrode for Electric Double Layer Capacitor by Electrochemical Redox Pretreatment. Electrochemistry, 1996, 64, 143-148.	0.3	6
421	Effect of Preparation Condition on the Activation of the Screen-Printed MgO Protective Layer for AC-PDP.. Terebijon Gakkaishi (Journal of the Institute of Television Engineers of Japan), 1996, 50, 1125-1131.	0.0	0
422	Effect of CO₂ on the Cycleability of Lithium Metal Anode. Materials Research Society Symposia Proceedings, 1995, 393, 223.	0.1	4
423	Cation Sensitivity of a Polypyrrole/Polyanion Composite Film Electrode. Bulletin of the Chemical Society of Japan, 1995, 68, 1297-1304.	2.0	31
424	Application of Electropolymerized Poly(thiophen derivative)/NBR Composite Film to an Electroluminescence Emission Layer. Chemistry Letters, 1995, 24, 923-924.	0.7	4
425	Enhancement Properties of Organic Electroluminescence Device Using Electropolymerized Poly(3-n-octylthiophen) Thin Film. Chemistry Letters, 1995, 24, 1023-1024.	0.7	7
426	Preparation of silicas combined with optically active organic compounds: optical resolution of metal chelate complexes on the silica composites. Journal of Chromatography A, 1995, 697, 279-287.	1.8	8
427	Control of the porous structure of n-type silicon and its electroluminescence properties. Journal of Electroanalytical Chemistry, 1995, 396, 69-75.	1.9	9
428	Ambientâ€Temperature, Rechargeable, Allâ€Solid Lithium/Polypyrrole Polymer Battery. Journal of the Electrochemical Society, 1995, 142, L1-L2.	1.3	89
429	Electrochemical Redox Properties of Polypyrrole/Nafion Composite Film in a Solid Polymer Electrolyte Battery. Journal of the Electrochemical Society, 1995, 142, 1766-1769.	1.3	75
430	Enhancement of Lithium Anode Cyclability in Propylene Carbonate Electrolyte by â€‰COâ€‰2 Addition and Its Protective Effect Against â€‰Hâ€‰2â€‰Oâ€‰ Impurity. Journal of the Electrochemical Society, 1995, 142, 1057-1060.	1.3	108
431	Enhancement of Electroluminescence from nâ€Type Porous Silicon and Its Photoelectrochemical Behavior. Journal of the Electrochemical Society, 1995, 142, 1874-1880.	1.3	11
432	Recording Characteristics ring-type-head / perpendicular-longitudinal composite media system. Journal of the Magnetics Society of Japan, 1995, 19, S2_131-139.	0.4	1

#	Article	IF	Citations
433	Effect of Ni Addition into Electroless Pd-P Plating Films as a Contact Material of Electronic Components.. The Journal of Japan Institute for Interconnecting and Packaging Electronic Circuits, 1995, 10, 253-257.	0.0	0
434	Application of Solid Polymer Electrolyte to Lithium/Polypyrrole Secondary Battery System. Journal of the Electrochemical Society, 1994, 141, 1994-1998.	1.3	112
435	Preparation of Niâ€Sn Alloys by an Electrolessâ€Deposition Method. Journal of the Electrochemical Society, 1994, 141, 1471-1476.	1.3	25
436	Evaluation of Double-Layered Magnetic Recording Medium Composed of Perpendicular and Longitudinal Anisotropy Layers. Japanese Journal of Applied Physics, 1994, 33, L594-L596.	0.8	9
437	Stability of conductance in electroinactive polypyrrole. Thin Solid Films, 1994, 237, 268-271.	0.8	5
438	Molecular recognition effects in an L-tartaric acid?Silica composite prepared using the sol-gel method. Advanced Materials, 1994, 6, 854-855.	11.1	9
439	Electrochemical process of formation of an insulating polypyrrole film. Journal of Electroanalytical Chemistry, 1994, 372, 201-207.	1.9	42
440	Electrochemical Properties of a Polypyrrole/Polystyrenesulfonate Composite Film and Its Application to Rechargeable Lithium Battery Cathodes. Journal of the Electrochemical Society, 1994, 141, 2326-2331.	1.3	44
441	Preparation of Electrodeposited FeP Films and their Soft Magnetic Properties. Journal of the Magnetics Society of Japan, 1994, 18, S1_187-190.	0.4	1
442	CoNiP Perpendicular Magnetic Recording Medium Electroless-Deposited from Single-Complextant Bath at Room-Temperature. Journal of the Magnetics Society of Japan, 1994, 18, S1_73-76.	0.4	4
443	Underlayer magnetization effect on read/write characteristics of perpendicular/longitudinal composite media with ring-type head. Journal of the Magnetics Society of Japan, 1994, 18, S1_455-458.	0.4	4
444	Development of Iron-Phosphorus Electrodeposition Bath for Soft Magnetic Films with High Saturation Magnetization.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1994, 45, 431-432.	0.1	6
445	Application of Transient Pulse Heating to Electroless NiReP Alloy Thin Film Resistors.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1994, 45, 1146-1151.	0.1	1
446	Protection against H₂O Impurity for Cyclability of Lithium Anode in Propylene Carbonate Electrolyte by an Existence of CO₂. Electrochemistry, 1994, 62, 451-452.	0.3	8
447	Preparation of Electroless-Deposited CoFeB Soft Magnetic Films with High Saturation Magnetic Flux Density. Electrochemistry, 1994, 62, 987-988.	0.3	13
448	Structure of Plated Film and Application for Electronics Devises. Preparation Methods of Soft Magnetic Materials by Means of Electrodeposition and Electroless-Deposition and Their Properties.. Hyomen Kagaku, 1994, 15, 645-649.	0.0	0
449	Impedance analysis of electropolymerized conducting polymers for polymer battery cathodes. Electrochimica Acta, 1993, 38, 2011-2014.	2.6	6
450	Application of electroinactive polypyrrole film to the pH sensor electrode. Sensors and Actuators B: Chemical, 1993, 13, 205-208.	4.0	29

#	Article	IF	Citations
451	In Situ Observation and Evaluation of Electrodeposited Lithium by Means of Optical Microscopy with Alternating Current Impedance Spectroscopy. Journal of the Electrochemical Society, 1993, 140, 2745-2748.	1.3	32
452	Effects of Heat Treatment of Electroless NiReP Alloy Films on Their Electrical Resistance Properties and Structure.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1993, 44, 418-424.	0.1	1
453	Electropolymerization Conditions for Producing Insulator Polypyrrole Films. Chemistry Letters, 1993, 22, 649-652.	0.7	24
454	Electrochemical Evaluation of a Polyaniline/Polypyrrole Dual-layer for Rechargeable Lithium Battery Cathode. Electrochemistry, 1993, 61, 1361-1365.	0.3	3
455	An In Situ Study on Electrolessâ€Deposition Process by Scanning Tunneling Microscopy. Journal of the Electrochemical Society, 1992, 139, 732-736.	1.3	18
456	An Analysis on Microstructural Growth Process in Electroless CoNiReP Films for Perpendicular Magnetic Recording Media. Journal of the Electrochemical Society, 1992, 139, 2925-2929.	1.3	13
457	Electroactivity Change of Electropolymerized Polypyrrole/Polystyrenesulfonate Composite Film in Some Organic Electrolytes. Chemistry Letters, 1992, 21, 1787-1790.	0.7	10
458	NMR Study on Compositional Inhomogeneity in Electroless-Deposited CoNiP Films for Perpendicular Magnetic Recording. Chemistry Letters, 1992, 21, 1783-1786.	0.7	9
459	Conduction mechanism in indium tin oxide/electroinactive polypyrrole/indium tin oxide sandwich structures. Thin Solid Films, 1992, 215, 200-202.	0.8	14
460	Electrochemical aspects of advanced electronic materials. Electrochimica Acta, 1992, 37, 989-995.	2.6	8
461	Preparation of Electroless-Plated NiReP Alloy Films for a Thin Film Resistor. Electrochemistry, 1992, 60, 523-530.	0.3	7
462	Electroactive Polyaniline Film Deposited from Nonaqueous Media: III . Effect of Mixed Organic Solvent on Polyaniline Deposition and Its Battery Performance. Journal of the Electrochemical Society, 1991, 138, 2853-2858.	1.3	47
463	CORRELATION BETWEEN FILM COMPOSITION AND MAGNETIC PROPERTIES OF ELECTROLESS-PLATED CoNiP PERPENDICULAR MAGNETIC RECORDING MEDIA. Journal of the Magnetics Society of Japan, 1991, 15, S2_965-970.	0.4	1
464	Special issue/Magnetic recording media by means of wet processes. Electroless-plated Co alloy thin film media for perpendicular magnetic recording.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1991, 42, 283-290.	0.1	3
465	Perpendicular Magnetic Recording Performance with Ring-Type Heads for Electroless-Plated CoNiReP/NiFeP Double-Layered Media. Japanese Journal of Applied Physics, 1991, 30, 1979-1983.	0.8	10
466	Application of Pulse-Heating Method to Electroless Ni Alloy as a Thin-Film Resistor. Japanese Journal of Applied Physics, 1991, 30, 1067-1072.	0.8	5
467	Effect of Heatâ€Treatment on the Magnetic and Structural Properties of Perpendicular Magnetic Anisotropy CoNiReP Films Produced by Electroless Deposition. Journal of the Electrochemical Society, 1991, 138, 538-541.	1.3	12
468	Electropolymerization of Electroinactive Polypyrrole Film for a Nonlinear MIM Switching Device. Electrochemistry, 1991, 59, 1019-1025.	0.3	13

#	Article	IF	Citations
469	LCD Driving Characteristics of MIM Diode Using Elctropolymeraized Polypyrrole Thin Film as an Insulator. Electrochemistry, 1991, 59, 1074-1076.	0.3	7
470	Structure of electroless Ni-Mo-P alloy film.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1990, 41, 45-48.	0.1	1
471	Effect of codeposited Mo on crystallization of electroless Ni-Mo-P alloy films.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1990, 41, 49-52.	0.1	1
472	An Application of Polypyrrole Films Electropolymerized in NaOH Aqueous Solution to Non-linear MIM Devices. Chemistry Letters, 1990, 19, 1535-1538.	0.7	9
473	Microstructural Study of Electroless-Plated CoNiReP/NiMoP Double-Layered Media for Perpendicular Magnetic Recording. Japanese Journal of Applied Physics, 1990, 29, 1939-1943.	0.8	32
474	Electroless Cobalt Alloy Perpendicular Anisotropy Films Plated from a Simplified Malonate Bath. Japanese Journal of Applied Physics, 1990, 29, 1701-1704.	0.8	22
475	In SituScanning Tunneling Microscopy Observation of Electroless-Deposited NiP Film. Japanese Journal of Applied Physics, 1990, 29, L2114-L2117.	0.8	3
476	A Study on the Low Energy Consumption Thermal Head Using Electroless Niâ€Wâ€P Alloy Films as Heating Resistors. Journal of the Electrochemical Society, 1990, 137, 3653-3660.	1.3	20
477	Impedance Analysis of Ionic Transport in Polypyrroleâ€Polyazulene Copolymer and Its Chargeâ€Discharge Characteristics. Journal of the Electrochemical Society, 1990, 137, 494-499.	1.3	43
478	Electroactive Polyaniline Film Deposited from Nonaqueous Organic Media: II . Effect of Acid Concentration in Solution. Journal of the Electrochemical Society, 1990, 137, 2139-2142.	1.3	106
479	Preparation of Electroless-Plated CoNiP Perpendicular Magnetic Recording Media. Electrochemistry, 1990, 58, 661-662.	0.3	10
480	Electrochemical Study on Electropolymerized Polyazulene Film. Electrochemistry, 1989, 57, 572-577.	0.3	2
481	Change of Electroless Niâ€Moâ€P Alloy Films by Transient Pulse Heating. Journal of the Electrochemical Society, 1989, 136, 3418-3422.	1.3	15
482	Behavior of the Electroless Composite Films Plated from a Niâ€P Bath with Metallic Dispersion of Zr and Nb Powders. Journal of the Electrochemical Society, 1989, 136, 1124-1128.	1.3	10
483	Effect of Acrylonitrile Composition in NBR on Enhanced Anion Dopingâ€Undoping Process of NBRâ€Guidedâ€Grownâ€Polypyrrole Film Electrode. Journal of the Electrochemical Society, 1989, 136, 1385-1388.	1.3	7
484	Electrochemical Study on Chargeâ€Discharge Performance of Lithium/Polyazulene Battery. Journal of the Electrochemical Society, 1989, 136, 2444-2449.	1.3	11
485	Transmission Electron Microscopic Study of Electroless Nickel-Molybdenum-Boron Alloy Films. Japanese Journal of Applied Physics, 1989, 28, 866-871.	0.8	14
486	STM Observation of Electroless-Plated Cobalt Alloy Thin Films. Japanese Journal of Applied Physics, 1989, 28, L465-L467.	0.8	5

#	Article	IF	Citations
487	Transmission Electron Microscopic Study on Electroless Plated Nickel-Molybdenum-Phosphorus Alloy Film. Japanese Journal of Applied Physics, 1989, 28, 229-233.	0.8	4
488	Electrochemical Polymerization of Electroactive Polyaniline in Nonaqueous Solution and Its Application in Rechargeable Lithium Batteries. Journal of the Electrochemical Society, 1989, 136, 306-309.	1.3	105
489	Pulse Heating Method for Investigation of Electroless Niâ€P Alloy Film Resistors. Journal of the Electrochemical Society, 1989, 136, 748-752.	1.3	6
490	Preparation of electroless-plated thin films for functional thin film materials.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1989, 1989, 1659-1666.	0.1	0
491	Preparation of MIM(Metal-Insulator-Meta1) Non-linear Device Using Electropolymerized Poly-N-methylpyrrole. Chemistry Letters, 1989, 18, 1543-1544.	0.7	1
492	ELECTROLESS-PLATED PERPENDICULAR RECORDING FLEXIBLE MEDIA WITH AN IN-PLANE ANISOTROPIC INITIAL LAYER. Journal of the Magnetics Society of Japan, 1989, 13, S1_679-684.	0.4	1
493	An attempt on a new plating bath for electroless-plated films with perpendicular magnetic anisotropy.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1989, 40, 140-141.	0.1	1
494	Functional Thin Films by Electroless-plating Method. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 1989, 75, 1112-1118.	0.1	0
495	Evaluation of pit volume by measurement of corrosion potential fluctuations for type 304 stainless steel. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 241, 385-389.	0.3	2
496	Effect of Polymerization Anion on Electrochemical Properties of Polypyrrole and on Liâ€‰/â€‰LiClO4â€‰/â€‰Polypyrrole Battery Performance. Journal of the Electrochemical Society, 1988, 135, 1071-1077.	1.3	71
497	Effect of Phosphorus Content of the Magnetic and Electric Properties of Electroless Niâ€“P Film after Heat Treatment. Japanese Journal of Applied Physics, 1988, 27, 1885-1889.	0.8	39
498	Effect of Heatâ€Treatment on Properties of Electrolessâ€Deposited Nickelâ€Molybdenumâ€Phosphorus Alloy Films. Journal of the Electrochemical Society, 1988, 135, 718-726.	1.3	54
499	Chemical Etching Properties of Highly Thermal Conductive AlN Ceramics for Electroless Niâ€P Metallization. Journal of the Electrochemical Society, 1988, 135, 2578-2581.	1.3	19
500	Recording Characteristics of Electroless-Plated CoNiReP Films with an In-Plane Anisotropic Initial Layer. Japanese Journal of Applied Physics, 1988, 27, 1895-1898.	0.8	17
501	Effect of Heatâ€Treatment on the Structure and Resistivity of Electroless Niâ€Wâ€P Alloy Films. Journal of the Electrochemical Society, 1988, 135, 1222-1228.	1.3	48
502	Electroactive Polyaniline Deposit from a Nonaqueous Solution. Journal of the Electrochemical Society, 1988, 135, 539-540.	1.3	23
503	Effect of Mo content on the film properties of electroless Ni-Mo-P alloy films after heat treatment.. Journal of the Metal Finishing Society of Japan, 1988, 39, 717-723.	0.0	1
504	The formation and structure of electroless Ni-Mo-B alloy films.. Journal of the Metal Finishing Society of Japan, 1988, 39, 778-784.	0.0	7

#	Article	IF	Citations
505	Highly Enhanced Anion Dopingâ€Undoping Process at the Polypyrrole Electrode of Regulated Morphology Prepared with the Aid of Insulating NBR Film. Journal of the Electrochemical Society, 1987, 134, 2479-2483.	1.3	39
506	Application of Electrochemically Formed Polyazulene to Rechargeable Lithium Battery. Journal of the Electrochemical Society, 1987, 134, 2645-2649.	1.3	27
507	Application of Electrochemically Formed Polyazulene to Secondary Battery. Journal of the Electrochemical Society, 1987, 134, 758-759.	1.3	8
508	Dependence of Film Thickness on Electrochemical Kinetics of Polypyrrole and on Properties of Lithium/Polypyrrole Battery. Journal of the Electrochemical Society, 1987, 134, 2096-2102.	1.3	105
509	Effect of â€‰PFâ€‰6 â€‰â^'â€‰ Anion on the Properties of Lithiumâ€Polypyrrole Battery during Polypyrrole Film Formation. Journal of the Electrochemical Society, 1987, 134, 285-289.	1.3	45
510	Spectrum Analysis of Corrosion Potential Fluctuations for Localized Corrosion of Type 304 Stainless Steel. Journal of the Electrochemical Society, 1987, 134, 2993-2997.	1.3	59
511	Correlation between Magnetic Properties and Composition of Electroless-Plated Cobalt Alloy Films for Perpendicular Magnetic Recording Media. Japanese Journal of Applied Physics, 1987, 26, 1674-1679.	0.8	15
512	Effect of Molybdenum Codeposition on the Thermal Properties of Electroless Niâ€“B Alloy Plating Films. Bulletin of the Chemical Society of Japan, 1987, 60, 3117-3124.	2.0	10
513	Characteristics of photoelectrochemical cells with ITO/p-Si heterojunction photoelectrodes coated with conducting polymers.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1987, 1987, 152-155.	0.1	0
514	The recent trend of high density magnetic disks.. Hyomen Kagaku, 1987, 8, 111-115.	0.0	0
515	Effects of formaldehyde on electroless copper plating bath for full additive process.. Circuit Technology, 1987, 2, 68-72.	0.0	0
516	Film Properties of Full-additive Electroless Copper Deposits and their Electrochemical Mixed Potential Monitoring. Circuit Technology, 1987, 2, 17-24.	0.0	0
517	Thermal Stability of Electroless Nickelâ€“Molybdenumâ€“Phosphorus Alloy Films. Bulletin of the Chemical Society of Japan, 1986, 59, 133-137.	2.0	15
518	Dependence of Film Thickness on Electrochemical Kinetics of Polypyrrole and on Lithium/Polypyrrole Battery. Chemistry Letters, 1986, 15, 1687-1690.	0.7	7
519	Effects of NiP underlayers on recording characteristics of electroless Co alloy perpendicular magnetic recording media.. Journal of the Metal Finishing Society of Japan, 1986, 37, 708-712.	0.0	12
520	Metalization of AlN Ceramics by Electroless Niâ€P Plating. Journal of the Electrochemical Society, 1986, 133, 2345-2349.	1.3	38
521	The Structure of Electroless Cobalt Alloy Films for Perpendicular Magnetic Recording Media. Journal of the Electrochemical Society, 1986, 133, 685-689.	1.3	27
522	Effect of Film Thickness on the Magnetic Properties of Electroless Cobalt Alloy Plating Films for Perpendicular Magnetic Recording Media. Journal of the Electrochemical Society, 1986, 133, 597-600.	1.3	30

#	Article	IF	Citations
523	A New Electroless Nickel-Molybdenum-Phosphorus Alloy Plating Bath and the Properties of Plated Films. Electrochemistry, 1986, 54, 514-515.	0.3	6
524	Complete Magnetic Anisotropy Films for Perpendicular Recording Prepared by an Electroless Plating Method. Bulletin of the Chemical Society of Japan, 1985, 58, 414-419.	2.0	16
525	Anion doping-undoping process of electrochemically polymerized polypyrrole film.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1985, 1985, 1331-1336.	0.1	4
526	Characteristics of photoelectrochemical cells with iron oxide/n-Si heterojunction photoanodes. Electrochimica Acta, 1985, 30, 1209-1212.	2.6	9
527	Behavior of Evaporated Palladium Catalyst for Electroless Nickelâ€Phosphorus Film Formation. Journal of the Electrochemical Society, 1985, 132, 2081-2084.	1.3	8
528	A study on time-dependence of the oxygen evolution reaction on nickel by FFT impedance measurement. Electrochimica Acta, 1984, 29, 677-681.	2.6	15
529	Photoelectrochemical Behavior of Iron Oxide/nâ€Si Heterojunction Electrodes with an Outer Pd Layer. Journal of the Electrochemical Society, 1984, 131, 1571-1574.	1.3	21
530	A Study of the Charge-Discharge Characteristics of the Lithiumâ€“Polyacetylene Battery by Means of the FFT Impedance Measurement. Bulletin of the Chemical Society of Japan, 1984, 57, 3386-3390.	2.0	18
531	An Electrochemical Study on Anion Doping-Undoping Process of Polyacetylene by Means of FFT Impedance Measurement. Bulletin of the Chemical Society of Japan, 1984, 57, 759-762.	2.0	19
532	A Study on Perpendicular Magnetic Anisotropy Cobalt Alloy Films Prepared by an Electroless Plating Method. Electrochemistry, 1984, 52, 197-198.	0.3	7
533	A Preparation of Perpendicular Magnetic Recording Media by an Electroless Plating Method. Journal of the Electrochemical Society, 1983, 130, 568-571.	1.3	65
534	Behavior of Pd/Sn and Pd Catalysts for Electroless Plating on Different Substrates Investigated by Means of Rutherford Backscattering Spectroscopy. Journal of the Electrochemical Society, 1983, 130, 2252-2255.	1.3	39
535	A Study on Electroless Plating of Cobalt Alloy Films for Perpendicular Recording. Journal of the Electrochemical Society, 1983, 130, 790-794.	1.3	36
536	éžæ™¶è³ªç„¡é›»è§£Ni-W-Pçš®è†œã®ŠµæŠ—å€ã®ç†±å‰åŒ–ç‰¹æ€§. Journal of the Metal Finishing Society of Japan, 1983, 34, 600		
537	ç„¡é›»è§£ã‚ã£ãæ³•ã«ã‚ˆã‚‹ãƒžã‚¤ã‚¯ãƒç£æ°—è¨˜éŒ²å™¨ç”¨ã®å¿œç”¨”. Nippon Kagaku Kaishi / Chemical Society of Japan, 1983, 791-797.	0.1	0
538	ç„¡é›»è§£Ni-Pçš®è†œã®ç£æ°—ç‰¹æ€§ã«åŠã¼ã™ç†±å‡¦ç†åŠ¹æžœ. Journal of the Metal Finishing Society of Japan, 1983, 34, 330-33		
539	Oxygen Evolution Reaction on Composite Cobalt Borides. Bulletin of the Chemical Society of Japan, 1983, 56, 2106-2111.	2.0	15
540	Application of On-line Impedance Measurement Using Fast Fourier Transform to Electrochemical Systems. Bulletin of the Chemical Society of Japan, 1982, 55, 36-40.	2.0	30

#	Article	IF	Citations
541	ã‚¤ã‚£æ°—ãƒ‡ã‚£ãƒ³ã‚°å¾Œï¼“ç”¨ç„¡é›»è§£Co-Ni-Pã‚¤ã‚£æµ´ã®é–‹ç™º. Journal of the Metal Finishing Society of Japan, 1982, 33, 414-42	0.0	33
542	Oxygen evolution reaction on transition metal borides. Electrochimica Acta, 1981, 26, 339-343.	2.6	31
543	ç„¡é›»è§£ãƒ‹ãƒƒã‚±ãƒ«ç³»åˆé‡‘ç®¡è†œã®é›»æ°—æŠµæŠ—ã¨çµæ™¶å Œé–Žç¨‹. Journal of the Metal Finishing Society of Japan, 1981, 1	0.0	5
544	Title is missing!. Journal of the Metal Finishing Society of Japan, 1981, 32, 309-315.	0.0	12
545	Effects of Activation and Acceleration on Magnetic Properties of Chemically Deposited Coâ€P Thin Films. Journal of the Electrochemical Society, 1981, 128, 1686-1691.	1.3	18
546	ç„¡é›»è§£ãƒ‹ãƒƒã‚±ãƒ«-ã‚¿ãƒ³ã‚°ã‚¹ãƒ†ãƒƒ-ã‚Šã‚“ã‚¤ã‚£æµ´ã•ç®¡è†œç‰¹æ€§. Journal of the Metal Finishing Society of Japan, 1980, 31, 6	0.0	1
547	An Electron Diffraction Study on Mixed PdCl2â€‰/â€‰SnCl2 Catalysts for Electroless Plating. Journal of the Electrochemical Society, 1980, 127, 2343-2346.	1.3	42
548	A Study on Activation and Acceleration by Mixed PdCl2â€‰/â€‰SnCl2 Catalysts for Electroless Metal Deposition. Journal of the Electrochemical Society, 1980, 127, 1021-1029.	1.3	95