Franco Decker

List of Publications by Year
in descending order

168	4,029	109321	168389
papers	citations	35 h-index	53 g-index

169	169	169	3798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three-dimensional quantum-size effect in chemically deposited cadmium selenide films. Physical Review B, 1987, 36, 4215-4221.	3.2	302
2	XPS and electrochemical studies of ferrocene derivatives anchored on n- and p-Si(100) by Siâ€“O or Siâ€“C bonds. Journal of Electroanalytical Chemistry, 2005, 579, 133-142.	3.8	94
3	A comparison of the electrochromic properties of WO3 films intercalated with H+, Li+ and Na+. Journal of Applied Electrochemistry, 1996, 26, 647-653.	2.9	91
4	Electrochemical characterization of optically passive CeVO4 counterelectrodes. Electrochimica Acta, 1999, 44, 3157-3164.	5.2	84
5	The electrochromic process in non-stoichiometric nickel oxide thin film electrodes. Electrochimica Acta, 1992, 37, 1033-1038.	5.2	81
6	Using EIS for diagnosis of dye-sensitized solar cells performance. Journal of Applied Electrochemistry, 2009, 39, 2291-2295.	2.9	79
7	Use of XPS for the study of cerium-vanadium (electrochromic) mixed oxides. Surface and Interface Analysis, 2001, 31, 255-264.	1.8	71
8	Electrochemical Reversibility of Vinylferrocene Monolayers Covalently Attached on H-Terminated p-Si(100). Journal of Physical Chemistry B, 2006, 110, 7374-7379.	2.6	71
9	A Laser Beam Deflection System for Measuring Stress Variations in Thin Film Electrodes. Journal of the Electrochemical Society, 1990, 137, 1150-1154.	2.9	66
10	An AFM, XPS and electrochemical study of molecular electroactive monolayers formed by wet chemistry functionalization of H-terminated Si(100) with vinylferrocene. Surface Science, 2005, 575, 260-272.	1.9	66
11	Functionalization of Si(100) with ferrocene derivatives via â€œclickâ€•chemistry. Electrochimica Acta, 2008, 53, 3903-3909.	5.2	66
12	Stress and electrochromism induced by Li insertion in crystalline and amorphous V2O5 thin film electrodes. Electrochimica Acta, 1993, 38, 1637-1642.	5.2	63
13	XAS and electrochemical characterization of lithium intercalated V2O5 xerogels. Solid State Ionics, 1996, 90, 5-14.	2.7	58
14	Ionic liquids in electrochromic devices. Electrochimica Acta, 2007, 52, 4792-4797.	5.2	58
15	Subband Gap Response of TiO2 and SrTiO3 Photoelectrodes. Journal of the Electrochemical Society, 1981, 128, 200-204.	2.9	57
16	Copper protection by self-assembled monolayers of aromatic thiols in alkaline solutions. Physical Chemistry Chemical Physics, 2010, 12, 9230.	2.8	57
17	The Electronic and the Ionic Contribution to the Free Energy of Alkali Metals in Intercalation Compounds. Journal of the Electrochemical Society, 1994, 141, 2297-2300.	2.9	54
18	Mass transport and charge transfer rates for Co(III)/Co(II) redox couple in a thin-layer cell. Electrochimica Acta, 2010, 55, 4025-4029.	5.2	54

#	Article	IF	Citations
19	Electrochemically deposited ZnO films: an XPS study on the evolution of their surface hydroxide and defect composition upon thermal annealing. Journal of Solid State Electrochemistry, 2014, 18, 505-513.	2.5	54
20	Stress in Carbon Film Electrodes during Liâ€‰+â€‰ Electrochemical Intercalation. Journal of the Electrochemical Society, 1996, 143, 2417-2421.	2.9	50
21	The reduction of molecular oxygen at single crystal rutile electrodes. Electrochimica Acta, 1980, 25, 521-525.	5.2	49
22	Physical and Electrochemical Analysis of an Indoorâ€“Outdoor Ageing Test of Largeâ€Area Dye Solar Cell Devices. ChemPhysChem, 2012, 13, 2925-2936.	2.1	49
23	Optical and structural properties of polycrystalline CdSe deposited on titanium substrates. Applied Physics A: Solids and Surfaces, 1988, 46, 107-112.	1.4	47
24	Electrochemical and Photoelectrochemical Properties of Nickel Oxide (NiO) With Nanostructured Morphology for Photoconversion Applications. Frontiers in Chemistry, 2018, 6, 601.	3.6	47
25	H Insertion and Electrochromism in NiO x Thin Films. Journal of the Electrochemical Society, 1992, 139, 1236-1239.	2.9	46
26	Polymer Films on Electrodes. 28. Scanning Electrochemical Microscopy Study of Electron Transfer at Poly(alkylterthiophene) Films. Chemistry of Materials, 1998, 10, 2120-2126.	6.7	45
27	Electrochromic NiOxHy, hydrated films: cyclic voltammetry and ac impedance spectroscopy in aqueous electrolyte. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 277, 277-290.	0.1	44
28	Electrodeposited ZnO with squaraine sentisizers as photoactive anode of DSCs. Materials Research Express, 2014, 1, 015040.	1.6	44
29	Preparation and Photoelectrochemistry of Semiconducting WS2Thin Films. Journal of Physical Chemistry B, 1997, 101, 2485-2490.	2.6	43
30	Lithium diffusion in ceriumâ€“vanadium mixed oxide thin films: a systematic study. Electrochimica Acta, 2001, 46, 2069-2075.	5.2	43
31	Measurement and DFT Calculation of Fe(cp)2Redox Potential in Molecular Monolayers Covalently Bound to Hâˆ’Si(100). Journal of Physical Chemistry B, 2006, 110, 22961-22965.	2.6	43
32	Hole Injection and Electroluminescence of nâ€‰â€â€‰GaAs in the Presence of Aqueous Redox Electrolytes. Journal of the Electrochemical Society, 1983, 130, 1335-1339.	2.9	42
33	Preparation and properties of Si/SnO2 heterojunctions. Solar Energy Materials and Solar Cells, 1983, 8, 363-369.	0.4	40
34	Spray-deposited NiO x films on ITO substrates as photoactive electrodes for p-type dye-sensitized solar cells. Journal of Applied Electrochemistry, 2013, 43, 191-197.	2.9	38
35	XPS study of the Li intercalation process in sol-gel-produced V2O5 thin film: influence of substrate and film synthesis modification. Surface and Interface Analysis, 2005, 37, 1092-1104.	1.8	37
36	A Comparison of the Electrochromic Behavior and the Mechanical Properties of â€‰WOâ€‰3 and NiO x Thin Film Electrodes. Journal of the Electrochemical Society, 1991, 138, 3182-3186.	2.9	36

#	Article	IF	Citations
37	On the effect of Al2O3 blocking layer on the performance of dye solar cells with cobalt based electrolytes. Applied Physics Letters, 2009, 94, 173113.	3.3	36
38	Electrochemical impedance spectroscopy of polyalkylterthiophenes. Electrochimica Acta, 1999, 44, 4189-4193.	5.2	35
39	Title is missing!. Journal of Sol-Gel Science and Technology, 2002, 23, 53-66.	2.4	35
40	The mirage effect in electrochemistry. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 228, 481-486.	0.1	34
41	Infrared reflectance spectroscopy of electrochromic NiO_xH_y films made by reactive dc sputtering. Journal of Materials Research, 1991, 6, 1715-1719.	2.6	33
42	Optical and electrochemical properties of ceriumâ€“zirconium mixed oxide thin films deposited by solâ€“gel and r.f. sputtering. Electrochimica Acta, 1999, 44, 3149-3156.	5.2	33
43	Redox-active Si(100) surfaces covalently functionalised with [60]fullerene conjugates: new hybrid materials for molecular-based devices. Journal of Materials Chemistry, 2008, 18, 1570.	6.7	33
44	Crystal structure, luminescence, and photoelectrochemistry of thin electroplated Cd-chalcogenide layers. Journal of Solid State Chemistry, 1985, 59, 1-8.	2.9	30
45	The electrochromic response of tungsten bronzes MxWO3 with different ions and insertion rates. Solar Energy Materials and Solar Cells, 1995, 39, 301-307.	6.2	30
46	Photoelectrochemical behavior of LiCoO2 membrane electrode. Journal of Electroanalytical Chemistry, 2001, 501, 253-259.	3.8	29
47	Enhanced Protective Properties and Structural Order of Self-Assembled Monolayers of Aromatic Thiols on Copper in Contact with Acidic Aqueous Solution. Journal of Physical Chemistry C, 2012, 116, 4628-4636.	3.1	29
48	Sputter deposited ceriumâ€“vanadium oxide: optical characterization and electrochromic behavior. Electrochimica Acta, 2001, 46, 2085-2090.	5.2	28
49	Impedance measurements of nanoporosity in electrodeposited ZnO films for DSSC. Electrochemistry Communications, 2010, 12, 697-699.	4.7	28
50	Spectroscopic investigations of Li-intercalated V2O5 polycrystalline films. Solid State Ionics, 1994, 70-71, 412-416.	2.7	27
51	Title is missing!. Journal of Sol-Gel Science and Technology, 2002, 23, 165-181.	2.4	27
52	A multi-technique approach to the analysis of SAMs of aromatic thiols on copper. Physical Chemistry Chemical Physics, 2009, 11, 11624.	2.8	27
53	Single precursor route to efficient cobalt sulphide counter electrodes for dye sensitized solar cells. Electrochimica Acta, 2015, 151, 517-524.	5.2	27
54	Thin metal oxide films on transparent substrates for Li-insertion devices. Journal of Applied Electrochemistry, 1993, 23, 1187-1195.	2.9	26

#	Article	IF	Citations
55	Growth and dissolution of thin anodic layers on GaAs: A photoelectrochemical study. Electrochimica Acta, 1985, 30, 301-304.	5.2	25
56	Sputter-deposited cerium vanadium mixed oxide as counter-electrode for electrochromic devices. Electrochimica Acta, 1999, 44, 3117-3119.	5.2	24
57	Fe-containing CeVO4 films as Li intercalation transparent counter-electrodes. Electrochimica Acta, 2001, 46, 2077-2084.	5.2	24
58	The mirage effect under controlled current conditions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 266, 215-225.	0.1	23
59	In-situ detection of stress in oxide films during Si electrodissolution in acidic fluoride electrolytes. Journal of Electroanalytical Chemistry, 1999, 474, 182-187.	3.8	23
60	Investigation by electrochemical and deflectometric techniques of silicon dissolution and passivation in alkali. Electrochemistry Communications, 1999, 1, 483-487.	4.7	23
61	Study of lithium diffusion in RF sputtered Nickelâ€“Vanadium mixed oxides thin films. Electrochimica Acta, 2002, 47, 2231-2238.	5.2	23
62	A mild functionalization route to robust molecular electroactive monolayers on Si(100). Materials Science and Engineering C, 2006, 26, 840-845.	7.3	23
63	Electrochemical Characterization of Nanoporous Nickel Oxide Thin Films Spray-Deposited onto Indium-Doped Tin Oxide for Solar Conversion Scopes. Advances in Condensed Matter Physics, 2015, 2015, 1-18.	1.1	23
64	Evolution of Surface Textures on nâ€‰â€â€‰InP Samples Etched Photoelectrochemically. Journal of the Electrochemical Society, 1995, 142, 1348-1352.	2.9	21
65	XPS and IR studies of transparent InVO4 films upon Li chargeâ€“discharge reactions. Solid State Ionics, 2003, 165, 89-96.	2.7	21
66	Photoelectrochemical properties of mesoporous NiO x deposited on technical FTO via nanopowder sintering in conventional and plasma atmospheres. SpringerPlus, 2015, 4, 564.	1.2	20
67	The mirage effect in photoelectrochemistry. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 187-191.	0.1	19
68	A mirage effect analysis of the electrochemical processes in nickel hydroxide electrodes. Journal of Electroanalytical Chemistry, 1993, 354, 273-279.	3.8	19
69	Stress in thin films of metal oxide electrodes for intercalation reactions. Electrochimica Acta, 1998, 43, 2919-2923.	5.2	19
70	Structural Changes of Conjugated Pt-Containing Polymetallaynes Exposed to Gamma Ray Radiation Doses. Journal of Physical Chemistry A, 2012, 116, 8768-8774.	2.5	19
71	Effect of various terminal groups on long-term protective properties of aromatic SAMs on copper in acidic environment. Journal of Electroanalytical Chemistry, 2013, 693, 86-94.	3.8	19
72	Indiumâ^'Vanadium Oxides Deposited by Radio Frequency Sputtering:â€‰ New Thin Film Transparent Materials for Li-Insertion Electrochemical Devices. Chemistry of Materials, 2002, 14, 636-642.	6.7	18

#	Article	IF	Citations
73	Lithium intercalation on amorphous V2O5 thin film, obtained by r.f. deposition, usingin situ sample transfer for XPS analysis. Surface and Interface Analysis, 2003, 35, 897-905.	1.8	18
74	The mirage effect: A sensitive probe for electrochemical cell calorimetry. Journal of Electroanalytical Chemistry, 1993, 346, 119-133.	3.8	17
75	A comparative study of isomeric polydialkylterthiophenes with regular regiochemistry of substitution. Electrochemical synthesis. Polymer, 2000, 41, 6473-6480.	3.8	17
76	Photoelectrochemical response and differential capacitance of poly(3-methylthiophene). Solar Energy Materials and Solar Cells, 2000, 60, 27-41.	6.2	17
77	Semiconductorâ€Oxide Heterojunctions as Electrodes in Photoelectrochemical Cells. Israel Journal of Chemistry, 1982, 22, 195-198.	2.3	16
78	In situ measurements of the stress changes in thin-film electrodes. Journal of Physics E: Scientific Instruments, 1989, 22, 755-757.	0.7	16
79	Energy balance analysis of photovoltaic cells by voltage-dependent modulation photocalorimetry. IEEE Transactions on Electron Devices, 1990, 37, 498-508.	3.0	16
80	EQCM Characterization of some substituted polyterthiophenes. Electrochimica Acta, 1999, 44, 1911-1917.	5.2	16
81	Durable Cu corrosion inhibition in acidic solution by SAMs of Benzenethiol. Journal of Electroanalytical Chemistry, 2011, 657, 192-195.	3.8	16
82	Photoelectrolysis of Water with Natural Mineral TiO2 Rutile Electrodes. Journal of the Electrochemical Society, 1980, 127, 2264-2268.	2.9	15
83	Optical Behavior of Conjugated Pt-Containing Polymetallaynes Exposed to Gamma-Ray Radiation Doses. Journal of Physical Chemistry B, 2011, 115, 8047-8053.	2.6	15
84	Picosecond time-resolved measurements of fast recombination losses in the photoresponse of semiconductor/liquid junction cells. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 228, 29-44.	0.1	14
85	Structural assessment of the electrochemical performance of LixCoO2 membrane electrodes by X-ray diffraction and absorption refinements. Ionics, 1997, 3, 345-355.	2.4	14
86	Electrochemical Growth of Polyalkylthiophenes. In Situ Characterization of Deposition Processes. Electrochemical and Solid-State Letters, 1999, 1, 217.	2.2	14
87	Electroluminescence and Photoluminescence of GaAs in Aqueous Redox Electrolytes. Journal of the Electrochemical Society, 1984, 131, 1173-1178.	2.9	13
88	Electrodeposition of CdSe films on SnO2:F coated glass. Solar Energy Materials and Solar Cells, 1988, 17, 247-255.	0.4	13
89	Electrolyte Electroreflectance and Photoelectrochemical Topological Investigation of Polycrystalline CuInSe2 Electrodes by Scanning Lightâ€Spot Optical Microscopy. Journal of the Electrochemical Society, 1988, 135, 1934-1939.	2.9	13
90	From photocorrosion to photoelectrochemical etching. Electrochimica Acta, 1993, 38, 95-99.	5.2	13

#	Article	IF	Citations
91	Electrochemical and optical characterization of RF-sputtered thin films of vanadiumâ€“nickel mixed oxides. Electrochimica Acta, 2001, 46, 2257-2262.	5.2	13
92	Charge and colour diffusivity from PITT in electrochromic LixWO3 sputtered films. Journal of Electroanalytical Chemistry, 2002, 537, 125-134.	3.8	13
93	Sol-Gel Synthesis of Vanadate-Based Thin Films as Counter Electrodes in Electrochromic Devices. Journal of Sol-Gel Science and Technology, 2003, 26, 1071-1074.	2.4	13
94	Emission spectra and transient photovoltage in dye-sensitized solar cells under stress tests. Journal of Applied Electrochemistry, 2013, 43, 209-215.	2.9	13
95	Electroluminescence of IIIâ€“V singleâ€crystal semiconducting electrodes. Journal of Applied Physics, 1985, 57, 2900-2904.	2.5	12
96	Photoelectrochemical response and photoconductivity of poly(3-methylthiophene). Electrochimica Acta, 1998, 44, 753-761.	5.2	12
97	Probe beam deflection study of p-Si electrodissolution in acidic fluoride medium in the oscillating regimes. Journal of Electroanalytical Chemistry, 1998, 446, 7-11.	3.8	12
98	Anodic Silicon Dissolution in Acidic Fluoride Electrolyte. A Probe Beam Deflection Investigation. Journal of Physical Chemistry B, 1998, 102, 4779-4784.	2.6	12
99	Electrosynthesis and characterization of poly(3-methylthiophene) on different substrates. Journal of Solid State Electrochemistry, 1999, 3, 352-356.	2.5	12
100	Surface evolution of Ni-V transparent oxide films upon Li insertion reactions. Surface and Interface Analysis, 2002, 33, 815-824.	1.8	12
101	Distribution of intercalated lithium in V2O5 thin films determined by SIMS depth profiling. Surface and Interface Analysis, 2006, 38, 847-850.	1.8	12
102	Alkali ion intercalation in V2O5: preparation and laboratory characterization of thin films produced by ALD. Surface and Interface Analysis, 2006, 38, 815-818.	1.8	12
103	Metalloporphyrins as molecular precursors of electroactive hybrids: A characterization of their actual electronic states on Si(100) and (111) by AFM and XPS. Materials Science and Engineering C, 2007, 27, 1351-1354.	7.3	12
104	Photothermal effect at TiO2electrodes in a photoelectrochemical cell. Applied Physics Letters, 1979, 35, 397-399.	3.3	11
105	Electroluminescence of Polycrystalline CdSe Thin Film Photoelectrodes: A Sensitive Probe for Surface Recombination. Journal of the Electrochemical Society, 1984, 131, 2204-2205.	2.9	11
106	Photoelectrochemical etching of n-InP producing antireflecting structures for solar cells. Solar Energy Materials and Solar Cells, 1992, 25, 179-189.	6.2	11
107	Stress changes in electrochromic thin film electrodes:. Solar Energy Materials and Solar Cells, 1999, 56, 213-221.	6.2	11
108	Chemical routes to fine tuning the redox potential of monolayers covalently attached on Hâ€“Si(100). Electrochimica Acta, 2010, 55, 5733-5740.	5.2	11

#	Article	IF	Citations
109	Comparison of the protective effect of aromatic thiols adsorbed on copper. Surface and Interface Analysis, 2010, 42, 601-604.	1.8	11
110	Photoelectrochemical Response of DSSCs Under Prolonged Reverse Bias and Conduction Band Lowering in Ruâ€Complexâ€sensitized TiO₂. ChemElectroChem, 2014, 1, 1388-1394.	3.4	11
111	Anomalous Behavior on â€‰Iâ€‰â€‰â€‰â€‰Vâ€‰ Characteristic Curves of nâ€‰â€‰TiO2 and nâ€‰â€‰SrTiO3 Electr Solution. Journal of the Electrochemical Society, 1980, 127, 2067-2071.	2.9	10
112	Characterization of electrochromic dc-sputtered nickel-oxide-based films. , 1990, , .		10
113	Characterization of electrodeposited TiO2 films. Electrochimica Acta, 1993, 38, 37-42.	5.2	10
114	Organic-Inorganic Sol-Gel Hybrids with Ionic Properties. Monatshefte FÃ¼r Chemie, 2001, 132, 103-112.	1.8	10
115	Effect of the organicâ€“inorganic template ICS-PPG on solâ€“gel deposited V2O5 electrochromic thin film. Solar Energy Materials and Solar Cells, 2006, 90, 434-443.	6.2	10
116	Tuning the redox potential in molecular monolayers covalently bound to Hâ€“Si(100) electrodes via distinct Câ€“C tethering arms. Superlattices and Microstructures, 2008, 44, 542-549.	3.1	10
117	Role of the extent of -electron conjugation in visible-light assisted molecular anchoring on Si(111) surfaces. Superlattices and Microstructures, 2009, 46, 30-33.	3.1	10
118	Molecular and Electronic Properties Transferred to Silicon via Wet-Chemistry Surface Nanofunctionalization: Ethynylferrocene on Si(100). Journal of Nanoscience and Nanotechnology, 2010, 10, 2901-2907.	0.9	10
119	Thermal activation of mass transport and charge transfer at Pt in the I3â^'/Iâ^' electrolyte of a dye-sensitized solar cell. Physical Chemistry Chemical Physics, 2010, 12, 10786.	2.8	10
120	The Suppression of GaAs Photocorrosion in Aqueous Solutions by Sulfonated Anthraquinones. Journal of the Electrochemical Society, 1980, 127, 2370-2374.	2.9	9
121	Anodic niobium pentoxide films: growth and thickness determination by in situ optoelectrochemical measurements. Electrochimica Acta, 1991, 36, 1297-1300.	5.2	9
122	Comparative Study of Isomeric Polyalkylterthiophenes with Regular Regiochemistry of Substitution:Â Characterization of Electrochemical Doping Process. Chemistry of Materials, 1999, 11, 3484-3489.	6.7	9
123	Li+ distribution into V2O5 films resulting from electrochemical intercalation reactions. Journal of the Brazilian Chemical Society, 2008, 19, 667-671.	0.6	9
124	Electrolyte electroabsorption: A spectroscopic technique for thin film semiconducting electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 218, 347-353.	0.1	8
125	Infrared photoluminescence at deep centres in polycrystalline CdSe layers. Journal of Physics C: Solid State Physics, 1988, 21, 3141-3150.	1.5	8
126	Acoustic detection of the electrochemical peltier effect. Electrochimica Acta, 1990, 35, 25-26.	5.2	8

#	Article	IF	Citations
127	Preparation of nâ€•and pâ€‰â€â€‰InP Films by â€‰PHâ€‰3 Treatment of Electrodeposited In Layers. Journal of the Electrochemical Society, 1995, 142, 1267-1272.	2.9	8
128	Ion Potential Diagrams for Electrochromic Devices. Journal of the Electrochemical Society, 1998, 145, 4212-4218.	2.9	8
129	Use of the absolute Auger parameter for vanadium in the study of the dielectric relaxation of cerium vanadate. Surface and Interface Analysis, 2002, 33, 533-538.	1.8	8
130	Optical Anisotropy of Transition Metal Dichalcogenides. A Photoelectrochemical Determination. Physica Status Solidi (B): Basic Research, 1984, 122, 651-659.	1.5	7
131	Raman investigation on thinâ€film electrodes ofaâ€C:Li. Journal of Applied Physics, 1996, 80, 2442-2452.	2.5	7
132	Optically passive cerium containing counter-electrodes for electrochromic devices. Ionics, 1999, 5, 80-85.	2.4	7
133	Use of the bending-beam-method for the study of the anodic oxidation of Si in dilute fluoride media. Electrochimica Acta, 2000, 45, 4607-4613.	5.2	7
134	An electrochemical cell for study by XPS of lithium intercalation in oxide films. Surface and Interface Analysis, 2002, 34, 619-622.	1.8	7
135	XPS and TOF-SIMS study of the distribution of Li ions in thin films of vanadium pentoxide after electrochemical intercalation. Surface and Interface Analysis, 2008, 40, 746-750.	1.8	7
136	Chemical routes to molecular SAMs on H-Si(100) with distinct and well-defined redox potentials. Superlattices and Microstructures, 2009, 46, 40-43.	3.1	7
137	Photoelectrochemical cells. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1981, 126, 241-253.	0.1	6
138	Luminescence and photoelectrochemistry of CdS thin film electrodes. Thin Solid Films, 1985, 127, 305-312.	1.8	6
139	The mirage effect with a supporting electrolyte at constant mass transfer through the diffusion layer. Journal of Electroanalytical Chemistry, 1994, 365, 165-169.	3.8	6
140	NMR-evidence for absence of floating in structurally incommensurate crystals. Ferroelectrics, 1998, 208-209, 201-212.	0.6	6
141	Study of polyalkylterthiophenes deposition. Synthetic Metals, 1999, 101, 22.	3.9	6
142	Surface analyses of Inâ€“V oxide films aged electrochemically by Li insertion reactions. Physical Chemistry Chemical Physics, 2003, 5, 5489-5498.	2.8	6
143	A new simple method to heal defects and to improve electrode passivity of aromatic SAMs on gold. Journal of Electroanalytical Chemistry, 2013, 708, 68-72.	3.8	5
144	An open-source equipment for thin film fabrication by electrodeposition, dip coating, and SILAR. International Journal of Advanced Manufacturing Technology, 2016, 87, 2901-2909.	3.0	5

#	Article	IF	Citations
145	Electrochemical growth,in situ optical characterization and photoelectrochemical behaviour of dithio-oxamido copper(II) films. Electrochimica Acta, 1985, 30, 1147-1153.	5.2	4
146	Elkctrodeposition and Photoelectrochemical Properties of Dithiooxamido Copper (II) Films Onto Copper Electrodes. Molecular Crystals and Liquid Crystals, 1985, 121, 337-340.	0.8	4
147	Electrodeposition of CdSe: An In Situ Optical Reflectance Study. Journal of the Electrochemical Society, 1987, 134, 1499-1503.	2.9	4
148	The intercalation front in electrochromic nickel oxide electrodes: an optical analysis. Journal of Physics Condensed Matter, 1993, 5, A323-A324.	1.8	4
149	EQCM Analysis of the Process of Electrochemical Insertion in Regioregular Alkyl-Susbtituted Polyterthiophene during n-Doping. Journal of the Electrochemical Society, 2021, 168, 052506.	2.9	4
150	Optically monitored electrodeposition of thin CdSe films. Thin Solid Films, 1987, 147, 291-297.	1.8	2
151	Optical losses in solar photoelectrochemical cells. Solar Cells, 1987, 20, 19-26.	0.6	2
152	Thermal wave electroacoustic calorimetry in a Si photovoltaic cell. Applied Physics A: Solids and Surfaces, 1992, 54, 1-5.	1.4	2
153	Photoelectrochemistry of the insertion compounds NaxInSe and LixInSe. Solid State Ionics, 1996, 92, 55-63.	2.7	2
154	Ion potential diagrams as guidelines for stability and performance of electrochromic devices. Ionics, 1997, 3, 420-426.	2.4	2
155	Monitoring Anodic Silicon Dissolution in Acidic Fluoride Electrolyte by the Mirage Effect. Journal of Porous Materials, 2000, 7, 17-22.	2.6	2
156	Thin Film Counterelectrodes with High Li Charge Capacity for Electrochromic Windows. Monatshefte FÃ¼r Chemie, 2001, 132, 83-95.	1.8	2
157	Spatial, energy, and time-dependent study of surface charging using spectroscopy and microscopy techniques. Journal of Applied Physics, 2007, 102, 114505.	2.5	2
158	EQCM Analysis of the Insertion Phenomena in a n-Doped Poly-Alkyl-Terthiophene With Regioregular Pattern of Substitution. Frontiers in Chemistry, 2021, 9, 711426.	3.6	2
159	Discussion of â€œObservation and Analysis of Surface States on TiO2 Electrodes in Aqueous Electrolytesâ€•[R. H. Wilson (pp. 228â€“234, Vol. 127, No. 1)]. Journal of the Electrochemical Society, 1980, 127, 2754-2755.	2.9	1
160	Electroacoustics in a silicon solar cell. Applied Physics A: Materials Science and Processing, 1995, 61, 447-452.	2.3	1
161	Electrochemically intercalated M X C 60 thin films in a solid state cell (M=Li, K): Optical and photoelectrochemical characterization. Applied Physics A: Materials Science and Processing, 1996, 63, 487-494.	2.3	1
162	Pseudocritical NMR frequency shift above the normal-incommensurate phase transition. European Physical Journal B, 1999, 8, 507-510.	1.5	1

#	Article	IF	Citations
163	<title>Performances of an electrochromic device based on WO3 oxide and Ce-V mixed oxide thin films</title>. , 1999, , .		1
164	<title>Optical characterization of cerium-vanadium mixed oxide films for electrochromic devices</title>. , 1999, , .		1
165	Evidence of Solid-State Polymerization in Regioregular Poly-3â€²,4â€²-Didodecyl-2,2â€²:5â€²,2â€²â€²-Terthiophene During Electrochemical Cycling. Journal of the Electrochemical Society, 2021, 168, 066521.	2.9	1
166	<title>Optical and mechanical properties of tungsten bronzes: a comparative study of M<formula><inf><roman>x</roman></inf></formula>WO<formula><inf><roman>3</roman></inf></formula> with different ions</title>. , 1997, , .		0
167	Non invasive in-situ techniques for the characterization of processes at thin film electrodes. , 1999, , .		0
168	Fullerenes Covalently Anchored On Si(100): An Experimental Study. , 2009, , .		0