

Daniel BÃ©langer

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Four Phosphonium-based Ionic Liquids. Synthesis, Characterization and Electrochemical Performance as Electrolytes for Silicon Anodes. <i>ChemistrySelect</i> , 2022, 7, .	0.7	3
2	Diazonium Salts and Related Compounds in Electrochemical Energy Storage and Conversion. <i>Physical Chemistry in Action</i> , 2022, , 427-451.	0.1	2
3	Beyond garnets, phosphates and phosphosulfides solid electrolytes: New ceramic perspectives for all solid lithium metal batteries. <i>Journal of Power Sources</i> , 2021, 482, 228949.	4.0	59
4	Synthesis and characterization of aryl substituted functionalized graphene sheets and their electrochemical behavior. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 149-158.	1.2	2
5	Physicochemical and electrochemical characterization of salt-in-water and water-in-salt potassium and lithium acetate electrolytes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24012-24023.	5.2	11
6	Toward Biosourced Materials for Electrochemical Energy Storage: The Case of Tannins. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6079-6086.	3.2	7
7	Physicochemical and Electrochemical Properties of Water-in-Salt Electrolytes. <i>ChemSusChem</i> , 2021, 14, 2487-2500.	3.6	41
8	Investigation of Electrochemical and Chemical Processes Occurring at Positive Potentials in Water-in-Salt Electrolytes. <i>Journal of the Electrochemical Society</i> , 2021, 168, 050550.	1.3	12
9	Zinc Electrodeposition in Acetate-based Water-in-Salt Electrolyte: Experimental and Theoretical Studies. <i>ChemElectroChem</i> , 2021, 8, 2737-2745.	1.7	7
10	Enhancing the electrocatalytic activity of Fe phthalocyanines for the oxygen reduction reaction by the presence of axial ligands: Pyridine-functionalized single-walled carbon nanotubes. <i>Electrochimica Acta</i> , 2021, 398, 139263.	2.6	27
11	Aqueous electrochemical energy storage system based on phenanthroline- and anthraquinone-modified carbon electrodes. <i>Electrochimica Acta</i> , 2021, 390, 138862.	2.6	8
12	In situ-formed nitrogen-doped carbon/silicon-based materials as negative electrodes for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2021, 901, 115732.	1.9	6
13	Producing high-performing silicon anodes by tailoring ionic liquids as electrolytes. <i>Energy Storage Materials</i> , 2020, 25, 477-486.	9.5	30
14	Crown Ether Functionalized Conductive Carbon for High-Voltage Spinel $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ /Graphite Cell. <i>ACS Applied Energy Materials</i> , 2020, 3, 647-657.	2.5	11
15	Fabrication of Current Collectors and Binder-free Electrodes on Separators Used in Lithium-ion Batteries. <i>Batteries and Supercaps</i> , 2020, 3, 638-646.	2.4	5
16	Protection of LiFePO_4 against Moisture. <i>Materials</i> , 2020, 13, 942.	1.3	8
17	Electrochemical activity of platinum, gold and glassy carbon electrodes in water-in-salt electrolyte. <i>Journal of Electroanalytical Chemistry</i> , 2019, 854, 113538.	1.9	15
18	Pyrene Diimide Based π -Conjugated Copolymer and Single-Walled Carbon Nanotube Composites for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2019, 31, 8764-8773.	3.2	22

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19	Functionalization of the carbon additive of a high-voltage Li-ion cathode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1585-1597.	5.2	21
20	Attachment of redox active molecules on the carbon additive and its effect on the cycling performance of LiFePO ₄ electrodes. <i>Materials Chemistry and Physics</i> , 2019, 235, 121739.	2.0	7
21	Graphene nanosheets and polyacrylic acid grafted silicon composite anode for lithium ion batteries. <i>Journal of Power Sources</i> , 2018, 391, 41-50.	4.0	21
22	Oxygen reduction on graphene sheets functionalised by anthraquinone diazonium compound during electrochemical exfoliation of graphite. <i>Electrochimica Acta</i> , 2018, 267, 246-254.	2.6	25
23	Electrochemical Behavior of Pyridinium and <i>N</i> -Methyl Pyridinium Cations in Aqueous Electrolytes for CO ₂ Reduction. <i>ChemSusChem</i> , 2018, 11, 219-228.	3.6	17
24	Pyromellitic Diimide-Based Copolymers and Their Application as Stable Cathode Active Materials in Lithium and Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 6821-6830.	3.2	29
25	Grafting of Quinones on Carbons as Active Electrode Materials in Electrochemical Capacitors. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	11
26	New insight in the electrochemical behaviour of stainless steel electrode in water-in-salt electrolyte. <i>Journal of Power Sources</i> , 2018, 399, 299-303.	4.0	44
27	Electrochemical behavior of platinum, gold and glassy carbon electrodes in water-in-salt electrolyte. <i>Electrochemistry Communications</i> , 2017, 77, 89-92.	2.3	103
28	Synthesis of binder-like molecules covalently linked to silicon nanoparticles and application as anode material for lithium-ion batteries without the use of electrolyte additives. <i>Journal of Power Sources</i> , 2017, 345, 190-201.	4.0	39
29	Synthesis and characterization of sulfophenyl-functionalized reduced graphene oxide sheets. <i>RSC Advances</i> , 2017, 7, 27224-27234.	1.7	363
30	A Comparison among Viscosity, Density, Conductivity, and Electrochemical Windows of <i>N</i> -Butyl- <i>N</i> -methylpyrrolidinium and Triethyl- <i>n</i> -pentylphosphonium Bis(fluorosulfonyl imide) Ionic Liquids and Their Analogues Containing Bis(trifluoromethylsulfonyl) Imide Anion. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3437-3444.	1.0	46
31	Effects of the Formulations of Silicon-Based Composite Anodes on their Mechanical, Storage, and Electrochemical Properties. <i>ChemSusChem</i> , 2017, 10, 4080-4089.	3.6	12
32	Surface immobilized azomethine for multiple component exchange. <i>Soft Matter</i> , 2017, 13, 6639-6646.	1.2	5
33	Poly(5-alkyl-thieno[3,4- <i>c</i>]pyrrole-4,6-dione): a study of π -conjugated redox polymers as anode materials in lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18088-18094.	5.2	27
34	Functionalization of graphene sheets by the diazonium chemistry during electrochemical exfoliation of graphite. <i>Carbon</i> , 2017, 111, 83-93.	5.4	91
35	A Redox-Active Binder for Electrochemical Capacitor Electrodes. <i>Angewandte Chemie</i> , 2016, 128, 5404-5407.	1.6	7
36	Electrochemical accessibility of porous submicron MnO ₂ spheres as active electrode materials for electrochemical capacitors. <i>Electrochimica Acta</i> , 2016, 201, 20-29.	2.6	24

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37	In situ formation of bromobenzene diazonium ions and their spontaneous reaction with carbon-coated LiFePO ₄ in organic media. <i>New Journal of Chemistry</i> , 2016, 40, 6135-6140.	1.4	5
38	Suitable Conditions for the Use of Vanadium Nitride as an Electrode for Electrochemical Capacitor. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1077-A1082.	1.3	64
39	A Redox-Active Binder for Electrochemical Capacitor Electrodes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5318-5321.	7.2	19
40	Thin films of pure vanadium nitride: Evidence for anomalous non-faradaic capacitance. <i>Journal of Power Sources</i> , 2016, 324, 439-446.	4.0	67
41	Electrochemical characterization of MnO ₂ -based composite in the presence of salt-in-water and water-in-salt electrolytes as electrode for electrochemical capacitors. <i>Journal of Power Sources</i> , 2016, 326, 595-603.	4.0	83
42	Self-discharge of electrochemical capacitors based on soluble or grafted quinone. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19137-19145.	1.3	48
43	New generation of hybrid carbon/Ni(OH) ₂ electrochemical capacitor using functionalized carbon electrode. <i>Journal of Power Sources</i> , 2016, 326, 702-710.	4.0	31
44	Chloroanthraquinone as a grafted probe molecule to investigate grafting yield on carbon powder. <i>Electrochimica Acta</i> , 2016, 197, 139-145.	2.6	14
45	Functionalization of LiFePO ₄ /C by Spontaneous Reduction of In-situ Generated Bromobenzene Diazonium Ions in Organic Media. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1773, 21-26.	0.1	0
46	Advances on the use of diazonium chemistry for functionalization of materials used in energy storage systems. <i>Carbon</i> , 2015, 92, 362-381.	5.4	132
47	Chemically grafted carbon-coated LiFePO ₄ using diazonium chemistry. <i>Journal of Power Sources</i> , 2015, 280, 246-255.	4.0	21
48	Electrochemical characterization of glassy carbon electrode modified with 1,10-phenanthroline groups by two pathways: reduction of the corresponding diazonium ions and reduction of phenanthroline. <i>Electrochimica Acta</i> , 2015, 162, 146-155.	2.6	16
49	In situ transmission electron microscopy observations of lithiation of spherical silicon nanopowder produced by induced plasma atomization. <i>Journal of Power Sources</i> , 2015, 279, 522-527.	4.0	14
50	Electrochemical Capacitors: Fundamentals to Applications. <i>Journal of the Electrochemical Society</i> , 2015, 162, Y3-Y3.	1.3	19
51	Increasing the Affinity Between Carbon-Coated LiFePO ₄ /C Electrodes and Conventional Organic Electrolyte by Spontaneous Grafting of a Benzene-Trifluoromethylsulfonimide Moiety. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18519-18529.	4.0	25
52	Chemical Mapping and Electrochemical Performance of Manganese Dioxide/Activated Carbon Based Composite Electrode for Asymmetric Electrochemical Capacitor. <i>Journal of the Electrochemical Society</i> , 2015, 162, A5115-A5123.	1.3	43
53	To Be or Not To Be Pseudocapacitive?. <i>Journal of the Electrochemical Society</i> , 2015, 162, A5185-A5189.	1.3	2,085
54	Characterization of LiNi _{0.5} Mn _{1.5} O ₄ spinel electrode in the presence of 1,3,5-trihydroxybenzene as additive. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2776-2783.	5.2	27

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55	Silicon as anode for high-energy lithium ion batteries: From molten ingot to nanoparticles. <i>Journal of Power Sources</i> , 2015, 299, 529-536.	4.0	24
56	Multifunctional Carbon for Electrochemical Double-Layer Capacitors. <i>Advanced Functional Materials</i> , 2015, 25, 6775-6785.	7.8	32
57	Electrochemical Formation of an Ultrathin Electroactive Film from 1,10-Phenanthroline on a Glassy Carbon Electrode in Acidic Electrolyte. <i>Langmuir</i> , 2014, 30, 6612-6621.	1.6	20
58	Electrochemical modification of carbon electrode with benzylphosphonic groups. <i>Electrochimica Acta</i> , 2014, 122, 210-217.	2.6	9
59	The Role of Surface Hydrogen Atoms in the Electrochemical Reduction of Pyridine and CO ₂ in Aqueous Electrolyte. <i>ChemElectroChem</i> , 2014, 1, 1013-1017.	1.7	37
60	Simpler and greener grafting method for improving the stability of anthraquinone-modified carbon electrode in alkaline media. <i>Electrochimica Acta</i> , 2014, 137, 447-453.	2.6	50
61	Electrochemical functionalization of glassy carbon electrode by reduction of diazonium cations in protic ionic liquid. <i>Electrochimica Acta</i> , 2013, 106, 378-385.	2.6	31
62	Electrochemical and Spectroelectrochemical Evidence of Redox Transitions Involving Protons in Thin MnO ₂ Electrodes in Protic Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20397-20405.	1.5	23
63	Surface band structure of aryl-diazonium modified p-Si electrodes determined by X-ray photoelectron spectroscopy and electrochemical measurements. <i>RSC Advances</i> , 2013, 3, 23649.	1.7	14
64	Synthesis of Pt-Ir catalysts by coelectrodeposition: Application to ammonia electrooxidation in alkaline media. <i>Journal of Power Sources</i> , 2013, 223, 221-231.	4.0	50
65	Localized In situ Generation of Diazonium Cations by Electrocatalytic Formation of a Diazotization Reagent. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1468-1473.	4.0	19
66	Determination of the Quinone-loading of a Modified Carbon Powder-based Electrode for Electrochemical Capacitor. <i>Electrochemistry</i> , 2013, 81, 863-866.	0.6	36
67	Modification of Glassy Carbon Electrode by Electrografting of In Situ Generated 3-diazopyridinium Cations. <i>Journal of the Electrochemical Society</i> , 2012, 159, H758-H764.	1.3	19
68	Catechol-Modified Activated Carbon Prepared by the Diazonium Chemistry for Application as Active Electrode Material in Electrochemical Capacitor. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3788-3796.	4.0	110
69	Electrochemical study of anthraquinone groups, grafted by the diazonium chemistry, in different aqueous media-relevance for the development of aqueous hybrid electrochemical capacitor. <i>Electrochimica Acta</i> , 2012, 82, 250-256.	2.6	65
70	Mixtures of functionalized aromatic groups generated from diazonium chemistry as templates towards bimetallic species supported on carbon electrode surfaces. <i>Electrochimica Acta</i> , 2012, 85, 538-547.	2.6	21
71	Formation and Reactivity of 3-Diazopyridinium Cations and Influence on Their Reductive Electrografting on Glassy Carbon. <i>Langmuir</i> , 2012, 28, 4889-4895.	1.6	29
72	Electrochemical Oxidation of NH ₃ on Platinum Electrodeposited onto Graphite Electrode. <i>Journal of the Electrochemical Society</i> , 2012, 159, F91-F96.	1.3	21

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73	MnO ₂ /Carbon Nanocomposite Electrode Prepared Via Molecular Bridging. ECS Meeting Abstracts, 2012, , ,	0.0	0
74	Covalent grafting of aminated compounds on Vulcan XC72R by melamine in situ diazotization. Carbon, 2012, 50, 4335-4342.	5.4	17
75	Electrodeposition of iridium onto glassy carbon and platinum electrodes. Electrochimica Acta, 2012, 59, 49-56.	2.6	39
76	Carbon surface derivatization by electrochemical reduction of a diazonium salt in situ produced from the nitro precursor. Journal of Electroanalytical Chemistry, 2011, 661, 13-19.	1.9	26
77	Electrografting: a powerful method for surface modification. Chemical Society Reviews, 2011, 40, 3995.	18.7	841
78	Carbon/PbO ₂ asymmetric electrochemical capacitor based on methanesulfonic acid electrolyte. Electrochimica Acta, 2011, 56, 8122-8128.	2.6	73
79	Optimization of the cathode material for nitrate removal by a paired electrolysis process. Journal of Hazardous Materials, 2011, 192, 507-513.	6.5	102
80	Performance and stability of electrochemical capacitor based on anthraquinone modified activated carbon. Journal of Power Sources, 2011, 196, 4117-4122.	4.0	182
81	Chemical Coupling of Carbon Nanotubes and Silicon Nanoparticles for Improved Negative Electrode Performance in Lithium-Ion Batteries. Advanced Functional Materials, 2011, 21, 3524-3530.	7.8	124
82	Effect of molecular grafting on the pore size distribution and the double layer capacitance of activated carbon for electrochemical double layer capacitors. Carbon, 2011, 49, 1340-1348.	5.4	147
83	Chemical modification of carbon powders with aminophenyl and aryl-aliphatic amine groups by reduction of in situ generated diazonium cations: Applicability of the grafted powder towards CO ₂ capture. Fuel, 2011, 90, 2684-2693.	3.4	57
84	Asymmetric electrochemical capacitors—Stretching the limits of aqueous electrolytes. MRS Bulletin, 2011, 36, 513-522.	1.7	368
85	Chemical modifications of carbon powders with aminophenyl and cyanophenyl groups and a study of their reactivity. Carbon, 2010, 48, 1271-1278.	5.4	36
86	Development of new nanocomposite based on nanosized-manganese oxide and carbon nanotubes for high performance electrochemical capacitors. Electrochimica Acta, 2010, 55, 3428-3433.	2.6	69
87	Electrochemical Surface Nanopatterning Using Microspheres and Aryldiazonium. Langmuir, 2010, 26, 5991-5997.	1.6	43
88	Nitrate removal by a paired electrolysis on copper and Ti/IrO ₂ coupled electrodes — Influence of the anode/cathode surface area ratio. Water Research, 2010, 44, 1918-1926.	5.3	140
89	Graphite-Grafted Silicon Nanocomposite as a Negative Electrode for Lithium-Ion Batteries. Advanced Materials, 2009, 21, 4735-4741.	11.1	122
90	Electron Transfer Processes at Aryl-Modified Glassy Carbon Electrode. Electroanalysis, 2009, 21, 1499-1504.	1.5	18

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91	In Situ Formation of Diazonium Salts from Nitro Precursors for Scanning Electrochemical Microscopy Patterning of Surfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4006-4008.	7.2	72
92	Patterning of Surfaces by Oxidation of Amine-Containing Compounds Using Scanning Electrochemical Microscopy. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7395-7397.	7.2	29
93	Modification of glassy carbon electrodes by 4-chloromethylphenyl units and d-glucosaminic acid. <i>Electrochimica Acta</i> , 2009, 54, 6327-6334.	2.6	18
94	EQCM study of electrodeposited PbO ₂ : Investigation of the gel formation and discharge mechanisms. <i>Electrochimica Acta</i> , 2009, 54, 7382-7388.	2.6	32
95	Electrochemistry and Reactivity of Surface-Confined Catechol Groups Derived from Diazonium Reduction. Bias-Assisted Michael Addition at the Solid/Liquid Interface. <i>Langmuir</i> , 2009, 25, 3504-3508.	1.6	28
96	Elaboration of Cu ⁺ /Pd Films by Coelectrodeposition: Application to Nitrate Electroreduction. <i>Journal of Physical Chemistry C</i> , 2009, 113, 290-297.	1.5	81
97	The Electrochemical Grafting of a Mixture of Substituted Phenyl Groups at a Glassy Carbon Electrode Surface. <i>ChemPhysChem</i> , 2008, 9, 1164-1170.	1.0	50
98	In situ generation of diazonium cations in organic electrolyte for electrochemical modification of electrode surface. <i>Electrochimica Acta</i> , 2008, 53, 6961-6967.	2.6	98
99	Study of the electroreduction of nitrate on copper in alkaline solution. <i>Electrochimica Acta</i> , 2008, 53, 5977-5984.	2.6	233
100	Spontaneous Functionalization of Carbon Black by Reaction with 4-Nitrophenyldiazonium Cations. <i>Langmuir</i> , 2008, 24, 1910-1917.	1.6	185
101	Study of the Electroless Deposition of Pd on Cu-Modified Graphite Electrodes by Metal Exchange Reaction. <i>Chemistry of Materials</i> , 2008, 20, 3495-3504.	3.2	50
102	Variation of the MnO ₂ Birnessite Structure upon Charge/Discharge in an Electrochemical Supercapacitor Electrode in Aqueous Na ₂ SO ₄ Electrolyte. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7270-7277.	1.5	332
103	Modification of Carbon Electrode with Aryl Groups Having an Aliphatic Amine by Electrochemical Reduction of In Situ Generated Diazonium Cations. <i>Langmuir</i> , 2008, 24, 8711-8718.	1.6	86
104	Manganese Oxides: Battery Materials Make the Leap to Electrochemical Capacitors. <i>Electrochemical Society Interface</i> , 2008, 17, 49-52.	0.3	317
105	Cu-Ni materials prepared by mechanical milling: Their properties and electrocatalytic activity towards nitrate reduction in alkaline medium. <i>Journal of Alloys and Compounds</i> , 2007, 432, 323-332.	2.8	82
106	Thermal Stability Study of Aryl Modified Carbon Black by in Situ Generated Diazonium Salt. <i>Journal of Physical Chemistry C</i> , 2007, 111, 5394-5401.	1.5	161
107	Spontaneous Derivatization of a Copper Electrode with in Situ Generated Diazonium Cations in Aprotic and Aqueous Media. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7501-7507.	1.5	68
108	Copper electrodeposition on pyrolytic graphite electrodes: Effect of the copper salt on the electrodeposition process. <i>Electrochimica Acta</i> , 2007, 52, 5843-5855.	2.6	46

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109	Long-term cycling behavior of asymmetric activated carbon/MnO ₂ aqueous electrochemical supercapacitor. <i>Journal of Power Sources</i> , 2007, 173, 633-641.	4.0	453
110	Nitrate and nitrite electrocatalytic reduction on Rh-modified pyrolytic graphite electrodes. <i>Electrochimica Acta</i> , 2007, 52, 6237-6247.	2.6	184
111	Metallic and bimetallic Cu/Pt species supported on carbon surfaces by means of substituted phenyl groups. <i>Journal of Electroanalytical Chemistry</i> , 2007, 609, 85-93.	1.9	30
112	Direct Modification of a Gold Electrode with Aminophenyl Groups by Electrochemical Reduction of in Situ Generated Aminophenyl Monodiazonium Cations. <i>Chemistry of Materials</i> , 2006, 18, 4755-4763.	3.2	250
113	Electrocatalytic reduction of nitrate on copper electrodes prepared by high-energy ball milling. <i>Journal of Electroanalytical Chemistry</i> , 2006, 596, 13-24.	1.9	121
114	Rhodium deposits on pyrolytic graphite substrate: Physico-chemical properties and electrocatalytic activity towards nitrate reduction in neutral medium. <i>Applied Catalysis B: Environmental</i> , 2006, 64, 243-253.	10.8	45
115	Performance of experimental carbon blacks in aqueous supercapacitors. <i>Journal of Power Sources</i> , 2005, 140, 203-210.	4.0	184
116	Rhodium electrodeposition on pyrolytic graphite electrode: Analysis of chronoamperometric curves. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 22-30.	1.9	49
117	Chemical Polymerization of Aniline on a Poly(styrene sulfonic acid) Membrane: Controlling the Polymerization Site Using Different Oxidants. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14085-14092.	1.2	61
118	Modification of ion-exchange membrane used for separation of protons and metallic cations and characterization of the membrane by current-voltage curves. <i>Journal of Colloid and Interface Science</i> , 2005, 281, 179-187.	5.0	74
119	Characterization and Transport Properties of Nafion/Polyaniline Composite Membranes. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23480-23490.	1.2	170
120	Electrochemical Derivatization of Carbon Surface by Reduction of in Situ Generated Diazonium Cations. <i>Journal of Physical Chemistry B</i> , 2005, 109, 24401-24410.	1.2	339
121	Characterization of the Deposition of Organic Molecules at the Surface of Gold by the Electrochemical Reduction of Aryldiazonium Cations. <i>Langmuir</i> , 2005, 21, 6855-6865.	1.6	286
122	Functionalization of Glassy Carbon Electrodes with Metal-Based Species. <i>Chemistry of Materials</i> , 2005, 17, 2395-2403.	3.2	75
123	Chemical reactivity of 4-bromophenyl modified glassy carbon electrode. <i>Electrochemistry Communications</i> , 2004, 6, 254-258.	2.3	40
124	Chemical Modification of the Surface of a Sulfonated Membrane by Formation of a Sulfonamide Bond. <i>Langmuir</i> , 2004, 20, 4989-4995.	1.6	40
125	Charge Storage Mechanism of MnO ₂ Electrode Used in Aqueous Electrochemical Capacitor. <i>Chemistry of Materials</i> , 2004, 16, 3184-3190.	3.2	2,436
126	The electrochemical generation of ferrate at pressed iron powder electrode: comparison with a foil electrode. <i>Electrochimica Acta</i> , 2003, 48, 1435-1442.	2.6	43

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127	The electrochemical generation of ferrate at pressed iron powder electrodes: effect of various operating parameters. <i>Electrochimica Acta</i> , 2003, 48, 1425-1433.	2.6	50
128	Characterization of a Cation-Exchange/Polyaniline Composite Membrane. <i>Langmuir</i> , 2003, 19, 744-751.	1.6	64
129	Stability of Substituted Phenyl Groups Electrochemically Grafted at Carbon Electrode Surface. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4811-4817.	1.2	157
130	Preparation and Characterization of Poly[2,3-dimethyl-1-(4-thien-3-ylbenzyl)-1H-imidazol-3-ium] Bis((trifluoromethyl)sulfonyl)imide. <i>Macromolecules</i> , 2002, 35, 4983-4987.	2.2	7
131	Electrochemical Properties of Ruthenium-Based Nanocrystalline Materials as Electrodes for Supercapacitors. <i>Chemistry of Materials</i> , 2002, 14, 1210-1215.	3.2	142
132	Electrochemical Polymerization and Characterization of Poly(3-(4-fluorophenyl)thiophene) in Pure Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10585-10593.	1.2	123
133	Influence of Microstructure on the Charge Storage Properties of Chemically Synthesized Manganese Dioxide. <i>Chemistry of Materials</i> , 2002, 14, 3946-3952.	3.2	913
134	X-ray photoelectron spectroscopy studies of the electrochemically n-doped state of a conducting polymer. <i>Synthetic Metals</i> , 2002, 132, 71-79.	2.1	21
135	Synthesis, chemical polymerization and electrochemical properties of low band gap conducting polymers for use in supercapacitors. <i>Journal of Materials Chemistry</i> , 2001, 11, 773-782.	6.7	65
136	Poly(3-arylthiophenes): Syntheses of Monomers and Spectroscopic and Electrochemical Characterization of the Corresponding Polymers. <i>Chemistry of Materials</i> , 2001, 13, 634-642.	3.2	46
137	Chemical Synthesis and Electrochemical Properties of Poly(cyano-substituted-diheteroareneethylene) as Conducting Polymers for Electrochemical Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2001, 148, A775.	1.3	26
138	Electrochemical characterization of polyaniline-molybdenum trisulfide electrode in non-aqueous media. <i>Electrochimica Acta</i> , 2000, 45, 3877-3883.	2.6	15
139	Expedient Synthesis of Symmetric Aryl Ketones and of Ambient-Temperature Molten Salts of Imidazole. <i>Synthesis</i> , 2000, 2000, 1253-1258.	1.2	84
140	Electrochemical Modification of Poly(3-(4-Fluorophenyl)thiophene). <i>Langmuir</i> , 2000, 16, 4362-4366.	1.6	47
141	Poly(Cyano-Substituted Diheteroareneethylene) as Active Electrode Material for Electrochemical Supercapacitors. <i>Chemistry of Materials</i> , 2000, 12, 2581-2589.	3.2	74
142	Chemical synthesis and characterization of polyaniline-molybdenum trisulfide composite. <i>Journal of Materials Research</i> , 1999, 14, 1805-1813.	1.2	29
143	Electrochemical Behavior of Polypyrrole-Molybdenum Trisulfide-Tetrathiomolybdate Electrode in Nonaqueous Media. <i>Journal of the Electrochemical Society</i> , 1999, 146, 226-231.	1.3	13
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