Elzbieta Frackowiak

List of Publications by Year
in descending order

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185	26,625	14655 66	5829 161
papers	citations	h-index	g-index

209	209	209	19362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced characterization techniques for electrochemical capacitors. Advances in Inorganic Chemistry, 2022, , 151-207.	1.0	2
2	Reline deep eutectic solvent as a green electrolyte for electrochemical energy storage applications. Energy and Environmental Science, 2022, 15, 1156-1171.	30.8	74
3	Fast response supercapacitor based on carbon-VS2 electrodes with a wide operating voltage range. Energy Storage Materials, 2022, 49, 255-267.	18.0	10
4	Redox activity from the electrolyte and electrode in electrochemical capacitors. Electrochemistry Communications, 2022, 138, 107289.	4.7	7
5	Operando monitoring of activated carbon electrodes operating with aqueous electrolytes. Energy Storage Materials, 2022, 49, 518-528.	18.0	9
6	Anticorrosive performance of green deep eutectic solvent for electrochemical capacitor. Chemical Engineering Journal, 2022, 444, 136594.	12.7	9
7	High frequency response of adenine-derived carbon in aqueous electrochemical capacitor. Electrochimica Acta, 2022, 424, 140649.	5.2	1
8	Investigation on various emission colours in composite materials based on carbon and luminophors doped with lanthanide ions. Polyhedron, 2022, 223, 115953.	2.2	0
9	Link between Alkali Metals in Salt Templates and in Electrolytes for Improved Carbon-Based Electrochemical Capacitors. ACS Applied Materials & Interfaces, 2021, 13, 2584-2599.	8.0	20
10	Electrochemical Capacitor Performance of Nanotextured Carbon/Transition Metal Dichalcogenides Composites. Small, 2021, 17, e2006821.	10.0	6
11	Supercapacitor with Carbon/MoS2 Composites. Frontiers in Energy Research, 2021, 9, .	2.3	16
12	Enhancing capacitor lifetime by alternate constant polarization. Journal of Power Sources, 2021, 506, 230131.	7.8	7
13	Specific carbon/iodide interactions in electrochemical capacitors monitored by EQCM technique. Energy and Environmental Science, 2021, 14, 2381-2393.	30.8	25
14	Electrochemical Capacitor Performance of Nanotextured Carbon/Transition Metal Dichalcogenides Composites (Small 48/2021). Small, 2021, 17, 2170255.	10.0	0
15	Interfacial aspects induced by saturated aqueous electrolytes in electrochemical capacitor applications. Electrochimica Acta, 2020, 334, 135572.	5.2	23
16	Agar-based aqueous electrolytes for electrochemical capacitors with reduced self-discharge. Electrochimica Acta, 2020, 332, 135435.	5.2	54
17	Engaging nanoporous carbons in â€œbeyond adsorptionâ€•applications: Characterization, challenges and performance. Carbon, 2020, 164, 69-84.	10.3	41
18	Carbon science perspective in 2020: Current research and future challenges. Carbon, 2020, 161, 373-391.	10.3	77

#	Article	IF	Citations
19	Electrochemical capacitors operating in aqueous electrolyte with volumetric characteristics improved by sustainable templating of electrode materials. Electrochimica Acta, 2020, 338, 135788.	5.2	20
20	Redox Activity of Bromides in Carbonâ€Based Electrochemical Capacitors. Batteries and Supercaps, 2020, 3, 1080-1090.	4.7	5
21	Towards more Durable Electrochemical Capacitors by Elucidating the Ageing Mechanisms under Different Testing Procedures. ChemElectroChem, 2019, 6, 566-573.	3.4	21
22	Revisited insights into charge storage mechanisms in electrochemical capacitors with Li2SO4-based electrolyte. Energy Storage Materials, 2019, 22, 1-14.	18.0	43
23	Vanadium-oxygen cell for positive electrolyte discharge in dual-circuit vanadium redox flow battery. Journal of Power Sources, 2019, 439, 227075.	7.8	17
24	Mechanisms of the performance fading of carbon-based electrochemical capacitors operating in a LiNO3 electrolyte. Journal of Power Sources, 2019, 438, 227029.	7.8	27
25	Electrochemical capacitor with water-based electrolyte operating at wide temperature range. Journal of Power Sources, 2019, 414, 183-191.	7.8	29
26	Selenocyanate-based ionic liquid as redox-active electrolyte for hybrid electrochemical capacitors. Electrochimica Acta, 2019, 314, 1-8.	5.2	15
27	Ageing mechanisms in electrochemical capacitors with aqueous redox-active electrolytes. Electrochimica Acta, 2019, 311, 211-220.	5.2	30
28	Determination of accurate electrode contribution during voltammetry scan of electrochemical capacitors. Journal of Solid State Electrochemistry, 2018, 22, 2135-2139.	2.5	8
29	Self-buffered pH at carbon surfaces in aqueous supercapacitors. Carbon, 2018, 129, 758-765.	10.3	56
30	Sustainable materials for electrochemical capacitors. Materials Today, 2018, 21, 437-454.	14.2	255
31	Redox active electrolytes in carbon/carbon electrochemical capacitors. Current Opinion in Electrochemistry, 2018, 9, 95-105.	4.8	52
32	New Trends in Electrochemical Capacitors. Advances in Inorganic Chemistry, 2018, 72, 247-286.	1.0	9
33	Comparative operando study of degradation mechanisms in carbon-based electrochemical capacitors with Li2SO4 and LiNO3 electrolytes. Carbon, 2017, 120, 281-293.	10.3	46
34	Electrochemical performance of silicon nanostructures in low-temperature ionic liquids for microelectronic applications. Journal of Materials Chemistry A, 2017, 5, 22708-22716.	10.3	14
35	Electrochemical capacitor materials based on carbon and luminophors doped with lanthanide ions. Journal Physics D: Applied Physics, 2017, 50, 415502.	2.8	3
36	Value Quantification of Electrochemical Capacitor Active Material. Journal of the Electrochemical Society, 2017, 164, A2732-A2737.	2.9	6

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37	Sustainable AC/AC hybrid electrochemical capacitors in aqueous electrolyte approaching the performance of organic systems. Journal of Power Sources, 2016, 326, 652-659.	7.8	48
38	Carbon-based electrochemical capacitors with acetate aqueous electrolytes. Electrochimica Acta, 2016, 215, 179-186.	5.2	57
39	Influence of aqueous electrolyte concentration on parasitic reactions in high-voltage electrochemical capacitors. Energy Storage Materials, 2016, 5, 111-115.	18.0	39
40	Enhancement of the carbon electrode capacitance by brominated hydroquinones. Journal of Power Sources, 2016, 326, 587-594.	7.8	52
41	Carbon science in 2016: Status, challenges and perspectives. Carbon, 2016, 98, 708-732.	10.3	261
42	Ageing phenomena in high-voltage aqueous supercapacitors investigated by in situ gas analysis. Energy and Environmental Science, 2016, 9, 623-633.	30.8	204
43	Around the thermodynamic limitations of supercapacitors operating in aqueous electrolytes. Electrochimica Acta, 2016, 206, 496-503.	5.2	66
44	Hybrid aqueous capacitors with improved energy/power performance. Progress in Natural Science: Materials International, 2015, 25, 642-649.	4.4	29
45	Interfacial Redox Phenomena for Enhanced Aqueous Supercapacitors. Journal of the Electrochemical Society, 2015, 162, A5140-A5147.	2.9	75
46	Towards sustainable power sources: chitin-bound carbon electrodes for electrochemical capacitors. Journal of Materials Chemistry A, 2015, 3, 22923-22930.	10.3	22
47	Continuous fast Fourier transform admittance voltammetry as a new approach for studying the change in morphology of polyaniline for supercapacitors application. RSC Advances, 2015, 5, 84076-84083.	3.6	15
48	Carbons with narrow pore size distribution prepared by simultaneous carbonization and self-activation of tobacco stems and their application to supercapacitors. Carbon, 2015, 81, 148-157.	10.3	144
49	Electrode/Electrolyte Interface with Various Redox Couples. ECS Transactions, 2014, 61, 1-8.	0.5	4
50	Comparative Study of Two Protic Ionic Liquids as Electrolyte for Electrical Double-Layer Capacitors. Journal of the Electrochemical Society, 2014, 161, A228-A238.	2.9	39
51	Template-derived high surface area Î»-MnO2 for supercapacitor applications. Journal of Applied Electrochemistry, 2014, 44, 123-132.	2.9	26
52	Carbons and Electrolytes for Advanced Supercapacitors. Advanced Materials, 2014, 26, 2219-2251.	21.0	2,152
53	The effect of halide ion concentration on capacitor performance. Journal of Applied Electrochemistry, 2014, 44, 439-445.	2.9	40
54	Strategies for enhancing the performance of carbon/carbon supercapacitors in aqueous electrolytes. Electrochimica Acta, 2014, 128, 210-217.	5.2	48

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55	The Carbon/Iodide Interface in Protic Ionic Liquid Medium for Application in Supercapacitors. ECS Transactions, 2014, 61, 21-30.	0.5	7
56	The many faces of carbon in electrochemistry: general discussion. Faraday Discussions, 2014, 172, 117-137.	3.2	4
57	Carbon electrodes for energy storage: general discussion. Faraday Discussions, 2014, 172, 239-260.	3.2	11
58	High performance of symmetric micro-supercapacitors based on silicon nanowires using N-methyl-N-propylpyrrolidinium bis(trifluoromethylsulfonyl)imide as electrolyte. Nano Energy, 2014, 9, 273-281.	16.0	71
59	Electrochemical capacitors as attractive power sources. Solid State Ionics, 2014, 265, 61-67.	2.7	28
60	Supercapacitors: Carbons and Electrolytes for Advanced Supercapacitors (Adv. Mater. 14/2014). Advanced Materials, 2014, 26, 2283-2283.	21.0	81
61	Redox-active electrolyte for supercapacitor application. Faraday Discussions, 2014, 172, 179-198.	3.2	177
62	Effect of binder on the performance of carbon/carbon symmetric capacitors in salt aqueous electrolyte. Electrochimica Acta, 2014, 140, 132-138.	5.2	152
63	Quinone-Decorated Carbon Materials for Capacitive Energy Storage Applications. Materials Research Society Symposia Proceedings, 2014, 1679, 12.	0.1	0
64	Quinone/hydroquinone redox couple as a source of enormous capacitance of activated carbon electrodes. Materials Research Society Symposia Proceedings, 2013, 1505, 1.	0.1	3
65	Fuel cell testing of Ptâ€“Ru catalysts supported on differently prepared and pretreated carbon nanotubes. Electrochimica Acta, 2013, 98, 94-103.	5.2	22
66	Carbon/carbon supercapacitors. Journal of Energy Chemistry, 2013, 22, 226-240.	12.9	275
67	Unusual energy enhancement in carbon-based electrochemical capacitors. Journal of Materials Chemistry, 2012, 22, 24213.	6.7	115
68	Triethylammonium bis(tetrafluoromethylsulfonyl)amide protic ionic liquid as an electrolyte for electrical double-layer capacitors. Physical Chemistry Chemical Physics, 2012, 14, 8199.	2.8	126
69	Electrochemical performance of a hybrid lithium-ion capacitor with a graphite anode preloaded from lithium bis(trifluoromethane)sulfonimide-based electrolyte. Electrochimica Acta, 2012, 86, 282-286.	5.2	97
70	Novel insight into neutral medium as electrolyte for high-voltage supercapacitors. Energy and Environmental Science, 2012, 5, 5842-5850.	30.8	695
71	Electrochemistry Serving People and Nature: Highâ€Energy Ecocapacitors based on Redoxâ€Active Electrolytes. ChemSusChem, 2012, 5, 1181-1185.	6.8	148
72	Effect of surfactants on capacitance properties of carbon electrodes. Electrochimica Acta, 2012, 60, 206-212.	5.2	45

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73	Correlation of hydrogen capacity in carbon material with the parameters of electrosorption. Open Chemistry, 2011, 9, 20-24.	1.9	9
74	Carbon nanotubes and their composites in electrochemical applications. Energy and Environmental Science, 2011, 4, 1592.	30.8	535
75	Alkali metal iodide/carbon interface as a source of pseudocapacitance. Electrochemistry Communications, 2011, 13, 38-41.	4.7	166
76	Effect of surfactants on capacitance properties of carbon electrodes. Materials Research Society Symposia Proceedings, 2011, 1333, 110701.	0.1	2
77	Carbon/Layered Double Hydroxide (LDH) Composites for Supercapacitor Application. Energy & Fuels, 2010, 24, 3346-3351.	5.1	120
78	Carbon/Î»-MnO2 composites for supercapacitor electrodes. Journal of Solid State Chemistry, 2010, 183, 969-974.	2.9	55
79	Hybrid materials for supercapacitor application. Journal of Solid State Electrochemistry, 2010, 14, 811-816.	2.5	70
80	Pseudocapacitance Effects for Enhancement of Capacitor Performance. Fuel Cells, 2010, 10, 848-855.	2.4	30
81	Carbon materials modified by plasma treatment as electrodes for supercapacitors. Journal of Power Sources, 2010, 195, 7535-7539.	7.8	73
82	Guestâ€“host interaction in energy storage systems. Journal of Physics and Chemistry of Solids, 2010, 71, 692-695.	4.0	7
83	Electrochemical properties of supercapacitors operating in aqueous electrolyte with surfactants. Electrochimica Acta, 2010, 55, 7484-7488.	5.2	97
84	Striking capacitance of carbon/iodide interface. Electrochemistry Communications, 2009, 11, 87-90.	4.7	248
85	Nanoporous H-sorbed carbon as anode of secondary cell. Journal of Power Sources, 2009, 188, 617-620.	7.8	9
86	Electrical Double-Layer Capacitors and Pseudocapacitors. Advanced Materials and Technologies, 2009, , 329-375.	0.4	13
87	Determination of the space between closed multiwalled carbon nanotubes by GCMC simulation of nitrogen adsorption. Journal of Colloid and Interface Science, 2008, 317, 442-448.	9.4	23
88	Lithium insertion/deinsertion of boron doped graphitic carbons synthesized by different procedure. Journal of Physics and Chemistry of Solids, 2008, 69, 1179-1181.	4.0	8
89	Improvement of the structural and chemical properties of a commercial activated carbon for its application in electrochemical capacitors. Electrochimica Acta, 2008, 53, 2210-2216.	5.2	222
90	Carbon Nanotubes for Storage of Energy. , 2008, , 707-721.		2

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91	Synthesis and Properties of Trigeminal Tricationic Ionic Liquids. Chemistry - A European Journal, 2007, 13, 3106-3112.	3.3	67
92	High performance supercapacitor from chromium oxide-nanotubes based electrodes. Chemical Physics Letters, 2007, 434, 73-77.	2.6	43
93	Nanotubes based composites rich in nitrogen for supercapacitor application. Electrochemistry Communications, 2007, 9, 1828-1832.	4.7	239
94	Carbon materials for supercapacitor application. Physical Chemistry Chemical Physics, 2007, 9, 1774.	2.8	1,772
95	Nanotubes Based Composites for Energy Storage in Supercapacitors. Advances in Science and Technology, 2006, 51, 145-155.	0.2	1
96	DEVELOPMENT OF SUPERCAPACITORS BASED ON CONDUCTING POLYMERS. , 2006, , 41-50.		5
97	Supercapacitors based on carbon materials and ionic liquids. Journal of the Brazilian Chemical Society, 2006, 17, 1074-1082.	0.6	100
98	Annealing of template nanotubes to well-graphitized multi-walled carbon nanotubes. Carbon, 2006, 44, 814-818.	10.3	19
99	In vitro studies of carbon nanotubes biocompatibility. Carbon, 2006, 44, 1106-1111.	10.3	206
100	State of hydrogen electrochemically stored using nanoporous carbons as negative electrode materials in an aqueous medium. Carbon, 2006, 44, 2392-2398.	10.3	96
101	Thermodynamic properties of benzene adsorbed in activated carbons and multi-walled carbon nanotubes. Chemical Physics Letters, 2006, 421, 409-414.	2.6	59
102	Carbon nanotubes with Ptâ€“Ru catalyst for methanol fuel cell. Electrochemistry Communications, 2006, 8, 129-132.	4.7	123
103	Effect of various porous nanotextures on the reversible electrochemical sorption of hydrogen in activated carbons. Electrochimica Acta, 2006, 51, 2161-2167.	5.2	67
104	Optimisation of supercapacitors using carbons with controlled nanotexture and nitrogen content. Electrochimica Acta, 2006, 51, 2209-2214.	5.2	308
105	Fabrication of network films of conducting polymer-linked polyoxometallate-stabilized carbon nanostructures. Electrochimica Acta, 2006, 51, 2373-2379.	5.2	101
106	Supercapacitors based on conducting polymers/nanotubes composites. Journal of Power Sources, 2006, 153, 413-418.	7.8	885
107	High-voltage asymmetric supercapacitors operating in aqueous electrolyte. Applied Physics A: Materials Science and Processing, 2006, 82, 567-573.	2.3	339
108	NOVEL CARBONACEOUS MATERIALS FOR APPLICATION IN THE ELECTROCHEMICAL SUPERCAPACITORS. , 2006, , 5-20.		4

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109	Nanotextured Carbons for Electrochemical Energy Storage. , 2006, , .		6
110	Nanotextured Carbons for Electrochemical Energy Storage. Advanced Materials and Technologies, 2006, , 295-319.	0.4	0
111	Templated mesoporous carbons for supercapacitor application. Electrochimica Acta, 2005, 50, 2799-2805.	5.2	399
112	Electrochemical energy storage in ordered porous carbon materials. Carbon, 2005, 43, 1293-1302.	10.3	658
113	Correlation of the irreversible lithium capacity with the active surface area of modified carbons. Carbon, 2005, 43, 2160-2167.	10.3	112
114	Effect of nitrogen in carbon electrode on the supercapacitor performance. Chemical Physics Letters, 2005, 404, 53-58.	2.6	334
115	An efficient two-step process for producing opened multi-walled carbon nanotubes of high purity. Chemical Physics Letters, 2005, 404, 374-378.	2.6	37
116	Effect of pore size distribution of coal-based activated carbons on double layer capacitance. Electrochimica Acta, 2005, 50, 1197-1206.	5.2	300
117	Determination of the specific capacitance of conducting polymer/nanotubes composite electrodes using different cell configurations. Electrochimica Acta, 2005, 50, 2499-2506.	5.2	718
118	A Self-Supporting Electrode for Supercapacitors Prepared by One-Step Pyrolysis of Carbon Nanotube/Polyacrylonitrile Blends. Advanced Materials, 2005, 17, 2380-2384.	21.0	298
119	Performance of Manganese Oxide/CNTs Composites as Electrode Materials for Electrochemical Capacitors. Journal of the Electrochemical Society, 2005, 152, A229.	2.9	361
120	Room-temperature phosphonium ionic liquids for supercapacitor application. Applied Physics Letters, 2005, 86, 164104.	3.3	169
121	Advantages of Electrochemical Hydrogen Storage over Gas Adsorption in Nanoporous Carbons. European Journal of Control, 2005, 30, 531-539.	2.6	4
122	Lithium insertion into boron containing carbons prepared by co-pyrolysis of coalâ€“tar pitch and boraneâ€“pyridine complex. Journal of Physics and Chemistry of Solids, 2004, 65, 153-158.	4.0	20
123	The first in situ 7Li NMR study of the reversible lithium insertion mechanism in disorganised carbons. Journal of Physics and Chemistry of Solids, 2004, 65, 245-251.	4.0	64
124	Capacitance properties of ordered porous carbon materials prepared by a templating procedure. Journal of Physics and Chemistry of Solids, 2004, 65, 287-293.	4.0	218
125	A better understanding of the irreversible lithium insertion mechanisms in disordered carbons. Journal of Physics and Chemistry of Solids, 2004, 65, 211-217.	4.0	47
126	Capacitance properties of poly(3,4-ethylenedioxythiophene)/carbon nanotubes composites. Journal of Physics and Chemistry of Solids, 2004, 65, 295-301.	4.0	485

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127	Towards the mechanism of electrochemical hydrogen storage in nanostructured carbon materials. Applied Physics A: Materials Science and Processing, 2004, 78, 981-987.	2.3	299
128	Structural and electrochemical characterisation of nitrogen enriched carbons produced by the co-pyrolysis of coal-tar pitch with polyacrylonitrile. Electrochimica Acta, 2004, 49, 423-432.	5.2	64
129	Electrochemical capacitors based on highly porous carbons prepared by KOH activation. Electrochimica Acta, 2004, 49, 515-523.	5.2	396
130	Supercapacitor electrodes from new ordered porous carbon materials obtained by a templating procedure. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 108, 148-155.	3.5	168
131	The HSAB concept as a means to interpret the adsorption of metal ions onto activated carbons. Applied Surface Science, 2004, 228, 84-92.	6.1	164
132	Carbon Nanotubes as Backbones for Composite Electrodes of Supercapacitors. AIP Conference Proceedings, 2004, , .	0.4	4
133	Application Of Metal Coated Carbon Nanotubes To Direct Methanol Fuel Cells And For The Formation Of Nanowires. AIP Conference Proceedings, 2004, , .	0.4	2
134	Carbon Nanotubes for Storage of Energy. , 2004, , .		2
135	In Situ 7Li-Nuclear Magnetic Resonance Observation of Reversible Lithium Insertion into Disordered Carbons. Electrochemical and Solid-State Letters, 2003, 6, A225.	2.2	88
136	The first in situ 7Li nuclear magnetic resonance study of lithium insertion in hard-carbon anode materials for Li-ion batteries. Journal of Chemical Physics, 2003, 118, 6038-6045.	3.0	111
137	Electrochemical Application of Carbon Nanotubes. , 2003, , 305-318.		6
138	Designing nanostructured carbons for the negative electrode of lithium batteries. Molecular Crystals and Liquid Crystals, 2002, 386, 151-157.	0.9	2
139	High Yield of Pure Multiwalled Carbon Nanotubes from the Catalytic Decomposition of Acetylene on in Situ Formed Cobalt Nanoparticles. Journal of Nanoscience and Nanotechnology, 2002, 2, 481-484.	0.9	66
140	Synergy of components in supercapacitors based on nanotube/polypyrrole composites. Molecular Crystals and Liquid Crystals, 2002, 387, 73-78.	0.9	21
141	Nanotubular materials as electrodes for supercapacitors. Fuel Processing Technology, 2002, 77-78, 213-219.	7.2	125
142	Electrochemical storage of hydrogen in activated carbons. Fuel Processing Technology, 2002, 77-78, 415-421.	7.2	59
143	Mechanism of lithium electrosorption by activated carbons. Electrochimica Acta, 2002, 47, 1545-1553.	5.2	22
144	Electrochemical storage of energy in carbon nanotubes and nanostructured carbons. Carbon, 2002, 40, 1775-1787.	10.3	1,011

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145	High surface area carbon nanotubes prepared by chemical activation. Carbon, 2002, 40, 1614-1617.	10.3	107
146	Enhanced capacitance of carbon nanotubes through chemical activation. Chemical Physics Letters, 2002, 361, 35-41.	2.6	267
147	High Yield of Pure Multiwalled Carbon Nanotubes from the Catalytic Decomposition of Acetylene on in Situ Formed Cobalt Nanoparticles. Journal of Nanoscience and Nanotechnology, 2002, 2, 481-484.	0.9	9
148	Influence of the Pyrolysis Conditions on the Nature of Lithium Inserted in Hard Carbons. Journal of Physical Chemistry A, 2001, 105, 5794-5800.	2.5	30
149	Effects of post-treatments on the performance of hard carbons in lithium cells. Journal of Power Sources, 2001, 97-98, 143-145.	7.8	31
150	Boronated mesophase pitch coke for lithium insertion. Journal of Power Sources, 2001, 97-98, 140-142.	7.8	4
151	Nanotubular materials for supercapacitors. Journal of Power Sources, 2001, 97-98, 822-825.	7.8	317
152	Carbon materials for the electrochemical storage of energy in capacitors. Carbon, 2001, 39, 937-950.	10.3	4,099
153	Supercapacitors from nanotubes/polypyrrole composites. Chemical Physics Letters, 2001, 347, 36-40.	2.6	488
154	Supercapacitor based on activated carbon and polyethylene oxideâ€“KOHâ€“H2O polymer electrolyte. Electrochimica Acta, 2001, 46, 2777-2780.	5.2	248
155	Enhancement of Reversible Hydrogen Capacity into Activated Carbon through Water Electrolysis. Electrochemical and Solid-State Letters, 2001, 4, A27.	2.2	84
156	Storage of energy in supercapacitors from nanotubes. AIP Conference Proceedings, 2000, , .	0.4	1
157	Influence of Pyrolysis Conditions on the Performance of Hard Carbons as Anodes for Lithium Batteries. Molecular Crystals and Liquid Crystals, 2000, 340, 431-436.	0.3	4
158	Clay/Carbon Nanocomposites as Precursors of Electrode Materials for Lithium-Ion Batteries and Supercapacitors. Molecular Crystals and Liquid Crystals, 2000, 340, 449-454.	0.3	22
159	Lithium Insertion in Carbon Nanotubes. Molecular Crystals and Liquid Crystals, 2000, 340, 547-552.	0.3	14
160	Supercapacitor electrodes from multiwalled carbon nanotubes. Applied Physics Letters, 2000, 77, 2421-2423.	3.3	652
161	Effect of Heteroatoms on Lithium Insertion into Carbons. Molecular Crystals and Liquid Crystals, 2000, 340, 511-516.	0.3	0
162	Alkali-metal intercalation in carbon nanotubes. , 1999, , .		0

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163	Novel carbons from nanocomposites for high lithium storage. Journal of Power Sources, 1999, 81-82, 323-327.	7.8	13
164	Electrochemical insertion of lithium in catalytic multi-walled carbon nanotubes. Journal of Power Sources, 1999, 81-82, 317-322.	7.8	89
165	Electrochemical storage of lithium in multiwalled carbon nanotubes. Carbon, 1999, 37, 61-69.	10.3	428
166	Capacitance properties of carbon nanotubes. , 1999, , .		3
167	Electrochemical polarization of activated carbons for the reversible sorption of lithium ions. Fuel, 1998, 77, 571-575.	6.4	11
168	Influence of polyaniline on electrode materials. Advanced Materials for Optics and Electronics, 1998, 8, 303-308.	0.4	3
169	The effect of 1,2-dimethoxyethane on the storage and performance of lithium cells with MnO2 and (CF) cathodes. Journal of Power Sources, 1998, 72, 174-177.	7.8	3
170	Passivation of zinc in alkaline solution effected by chromates and CrO3â€“graphite system. Journal of Power Sources, 1998, 73, 175-181.	7.8	23
171	Mechanism of Lithium Insertion in Different Kinds of Carbons. Molecular Crystals and Liquid Crystals, 1998, 310, 359-364.	0.3	5
172	Carbon Fluoride Cathode Modified by Electroconducting Polymers. Molecular Crystals and Liquid Crystals, 1998, 310, 403-408.	0.3	2
173	Electrochemical properties of Lithiated Carbons. Molecular Crystals and Liquid Crystals, 1998, 310, 365-370.	0.3	1
174	Electrochemical synthesis of iron supported on exfoliated graphite. Journal of Physics and Chemistry of Solids, 1996, 57, 841-847.	4.0	6
175	Interaction between electroconducting polymers and C60. Journal of Physics and Chemistry of Solids, 1996, 57, 983-989.	4.0	7
176	Sorption and desorption of lithium ions from activated carbons. Carbon, 1996, 34, 481-487.	10.3	35
177	Carbon Fluoride Cathode for Lithium Cells. , 1996, , 85-100.		3
178	HOPG as a host for redox reactions with FeCl4â¯ in water medium. Synthetic Metals, 1995, 73, 27-32.	3.9	6
179	Improvement of Secondary Zinc Electrodes. , 1995, , 41-46.		0
180	Electrochemical Redox Capacity of Thermally Exfoliated Graphite in Sulfuric Acid. Molecular Crystals and Liquid Crystals, 1994, 244, 221-226.	0.3	7

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181	Polypropylene fibre material as a carrier for nickel electrodes. Journal of Power Sources, 1994, 50, 21-25.	7.8	2
182	Application of the rotating disk electrode for the investigation of polycrystalline zinc in concentrated alkaline solutions with admixture of polyethylene glycol. Electrochimica Acta, 1988, 33, 441-443.	5.2	18
183	The influence of polyethylene glycol on some properties of zinc electrodes. Electrochimica Acta, 1984, 29, 1359-1363.	5.2	7
184	Carbon-Based Nanomaterials for Electrochemical Energy Storage. , 0, , 177-204.		0
185	Redox Mediated Electrolytes in Electrochemical Capacitors. , 0, , .		0