

# Francois Beguin

## List of Publications by Year in descending order

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Version: 2024-02-01

320  
papers

34,166  
citations

7096

78  
h-index

3650

180  
g-index

345  
all docs

345  
docs citations

345  
times ranked

24460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobility and phase transitions of the [EMIm] <sup>+</sup> [FSI] <sup>-</sup> ionic liquid confined in micro- and mesoporous carbons. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7928-7940.	10.3	5
2	Gas free oxidation of NaCN for presodiating and stabilizing the anodic host of sodium-ion capacitors. <i>Journal of Energy Chemistry</i> , 2022, 72, 33-40.	12.9	3
3	Implementation of a choline bis(trifluoromethylsulfonyl)imide aqueous electrolyte for low temperature EDLCs enabled by a cosolvent. <i>Journal of Energy Chemistry</i> , 2022, 70, 84-94.	12.9	4
4	A strategy for optimizing the output energy and durability of metal-ion capacitors fabricated with alloy-based anodes. <i>Energy Storage Materials</i> , 2022, 51, 719-732.	18.0	4
5	Electrical Double-Layer Capacitors Based on a Ternary Ionic Liquid Electrolyte Operating at Low Temperature with Realistic Gravimetric and Volumetric Energy Outputs. <i>ChemSusChem</i> , 2021, 14, 1196-1208.	6.8	19
6	Sodium amide as a "zero dead mass" sacrificial material for the pre-sodiation of the negative electrode in sodium-ion capacitors. <i>Electrochimica Acta</i> , 2021, 375, 137980.	5.2	16
7	Strategy to assess the carbon electrode modifications associated with the high voltage ageing of electrochemical capacitors in organic electrolyte. <i>Energy Storage Materials</i> , 2021, 38, 17-29.	18.0	14
8	A dual shape pore model to analyze the gas adsorption data of hierarchical micro-mesoporous carbons. <i>Carbon</i> , 2021, 178, 113-124.	10.3	34
9	Towards understanding the impact of operating voltage on the stability of adiponitrile-based electrical double-layer capacitors. <i>Journal of Power Sources</i> , 2021, 496, 229841.	7.8	9
10	Advantageous carbon deposition during the irreversible electrochemical oxidation of Na <sub>2</sub> C <sub>4</sub> O <sub>4</sub> used as a presodiation source for the anode of sodium-ion systems. <i>Energy Storage Materials</i> , 2021, 40, 22-30.	18.0	17
11	Effect of salt concentration in aqueous LiTFSI electrolytes on the performance of carbon-based electrochemical capacitors. <i>Electrochimica Acta</i> , 2021, 389, 138687.	5.2	11
12	Binary mixtures of ionic liquids based on EMIm cation and fluorinated anions: physico-chemical characterization in view of their application as low-temperature electrolytes. <i>Journal of Molecular Liquids</i> , 2020, 298, 111959.	4.9	31
13	Melting point depression of ionic liquids by their confinement in carbons of controlled mesoporosity. <i>Carbon</i> , 2020, 169, 501-511.	10.3	12
14	Sustainable production of self-activated bio-derived carbons through solar pyrolysis for their use in supercapacitors. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 150, 104901.	5.5	21
15	Fitting the porous texture of carbon electrodes to a binary ionic liquid electrolyte for the realization of low temperature EDLCs. <i>Electrochimica Acta</i> , 2020, 350, 136416.	5.2	15
16	Hybrid capacitor with anthraquinone-grafted carbon as a battery-type electrode operating in a low pH aqueous salt solution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13548-13557.	10.3	10
17	Engaging nanoporous carbons in "beyond adsorption" applications: Characterization, challenges and performance. <i>Carbon</i> , 2020, 164, 69-84.	10.3	41
18	Hydrogel "Polymer Electrolyte for Electrochemical Capacitors with High Volumetric Energy and Life Span. <i>ChemSusChem</i> , 2020, 13, 1876-1881.	6.8	10

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19	Enhancing the Energy Stored in Electrochemical Capacitors by Electrodes Hybridization. <i>Electrochemistry</i> , 2020, 88, 51-51.	1.4	0
20	High performance hybrid sodium-ion capacitor with tin phosphide used as battery-type negative electrode. <i>Energy Storage Materials</i> , 2019, 22, 200-206.	18.0	44
21	Faradaic processes on quinone-grafted carbons in protic ionic liquid electrolyte. <i>Electrochimica Acta</i> , 2019, 328, 135090.	5.2	5
22	Quantification of the Charge Consuming Phenomena under High Voltage Hold of Carbon/Carbon Supercapacitors by Coupling Operando and Post-Mortem Analyses. <i>Angewandte Chemie</i> , 2019, 131, 18137-18145.	2.0	1
23	Quantification of the Charge Consuming Phenomena under High Voltage Hold of Carbon/Carbon Supercapacitors by Coupling Operando and Post-Mortem Analyses. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17969-17977.	13.8	18
24	Na <sub>2</sub> S sacrificial cathodic material for high performance sodium-ion capacitors. <i>Electrochimica Acta</i> , 2019, 318, 471-478.	5.2	27
25	Selenocyanate-based ionic liquid as redox-active electrolyte for hybrid electrochemical capacitors. <i>Electrochimica Acta</i> , 2019, 314, 1-8.	5.2	15
26	High-energy hybrid electrochemical capacitor operating down to $\sim 40^{\circ}\text{C}$ with aqueous redox electrolyte based on choline salts. <i>Journal of Power Sources</i> , 2019, 427, 283-292.	7.8	24
27	Carbon electrodes for capacitive technologies. <i>Energy Storage Materials</i> , 2019, 16, 126-145.	18.0	214
28	Capacitance enhancement of hybrid electrochemical capacitor with asymmetric carbon electrodes configuration in neutral aqueous electrolyte. <i>Electrochimica Acta</i> , 2018, 269, 640-648.	5.2	32
29	Self-buffered pH at carbon surfaces in aqueous supercapacitors. <i>Carbon</i> , 2018, 129, 758-765.	10.3	56
30	Safe and recyclable lithium-ion capacitors using sacrificial organic lithium salt. <i>Nature Materials</i> , 2018, 17, 167-173.	27.5	229
31	Sustainable Carbon/Carbon Supercapacitors Operating Down to $\sim 40^{\circ}\text{C}$ in Aqueous Electrolyte Made with Cholinium Salt. <i>ChemSusChem</i> , 2018, 11, 975-984.	6.8	45
32	Redox active electrolytes in carbon/carbon electrochemical capacitors. <i>Current Opinion in Electrochemistry</i> , 2018, 9, 95-105.	4.8	52
33	A High Voltage Electrochemical Cell Operating with Two Aqueous Electrolytes of Different pH Values. <i>ChemElectroChem</i> , 2018, 5, 2518-2521.	3.4	7
34	Change of self-discharge mechanism as a fast tool for estimating long-term stability of ionic liquid based supercapacitors. <i>Journal of Power Sources</i> , 2018, 396, 220-229.	7.8	47
35	Capacitance characteristics of carbon-based electrochemical capacitors exposed to heteropolytungstic acid electrolyte. <i>Electrochimica Acta</i> , 2018, 282, 533-543.	5.2	13
36	Effect of low water content in protic ionic liquid on ions electroadsorption in porous carbon: application to electrochemical capacitors. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11173-11186.	2.8	25

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37	Behavior of activated carbon cloths used as electrode in electrochemical processes. <i>Chemical Engineering Journal</i> , 2017, 310, 1-12.	12.7	40
38	On Energy: Electrochemical capacitors: Capacitance, functionality, and beyond. <i>Energy Storage Materials</i> , 2017, 9, A1-A3.	18.0	11
39	Confinement of iodides in carbon porosity to prevent from positive electrode oxidation in high voltage aqueous hybrid electrochemical capacitors. <i>Carbon</i> , 2017, 125, 391-400.	10.3	30
40	Value Quantification of Electrochemical Capacitor Active Material. <i>Journal of the Electrochemical Society</i> , 2017, 164, A2732-A2737.	2.9	6
41	Proof of ion-pair structures in ammonium-based protic ionic liquids using combined NMR and DFT/PCM-based chemical shift calculations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25033-25043.	2.8	13
42	Protic ionic liquids with N-chloroalkyl functionalized cations as electrolytes for carbon-based electrochemical capacitors. <i>Electrochimica Acta</i> , 2017, 246, 971-980.	5.2	11
43	Measurements of flicker noise in supercapacitor cells. , 2017, , .		6
44	Single, binary, and mixture adsorption of nine organic contaminants onto a microporous and a microporous/mesoporous activated carbon cloth. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 24-34.	4.4	50
45	Sustainable AC/AC hybrid electrochemical capacitors in aqueous electrolyte approaching the performance of organic systems. <i>Journal of Power Sources</i> , 2016, 326, 652-659.	7.8	48
46	High voltage AC/AC electrochemical capacitor operating at low temperature in salt aqueous electrolyte. <i>Journal of Power Sources</i> , 2016, 318, 235-241.	7.8	62
47	Self-discharge of AC/AC electrochemical capacitors in salt aqueous electrolyte. <i>Electrochimica Acta</i> , 2016, 202, 66-72.	5.2	41
48	Lithium rhenium( $\text{VII}$ ) oxide as a novel material for graphite pre-lithiation in high performance lithium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12609-12615.	10.3	77
49	Physicochemical and electrochemical properties of a new series of protic ionic liquids with N-chloroalkyl functionalized cations. <i>RSC Advances</i> , 2016, 6, 55144-55158.	3.6	17
50	Grafting of activated carbon cloths for selective adsorption. <i>Applied Surface Science</i> , 2016, 370, 522-527.	6.1	11
51	Use of sacrificial lithium nickel oxide for loading graphitic anode in Li-ion capacitors. <i>Electrochimica Acta</i> , 2016, 206, 440-445.	5.2	43
52	Influence of the iodide/iodine redox system on the self-discharge of AC/AC electrochemical capacitors in salt aqueous electrolyte. <i>Progress in Natural Science: Materials International</i> , 2015, 25, 622-630.	4.4	27
53	Chemical etching of stainless steel 301 for improving performance of electrochemical capacitors in aqueous electrolyte. <i>Journal of Power Sources</i> , 2015, 279, 555-562.	7.8	14
54	Strategies to Improve the Performance of Carbon/Carbon Capacitors in Salt Aqueous Electrolytes. <i>Journal of the Electrochemical Society</i> , 2015, 162, A5148-A5157.	2.9	103

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55	Si/C composites prepared by spray drying from cross-linked polyvinyl alcohol as Li-ion batteries anodes. <i>Electrochimica Acta</i> , 2015, 174, 361-368.	5.2	31
56	Appropriate methods for evaluating the efficiency and capacitive behavior of different types of supercapacitors. <i>Electrochemistry Communications</i> , 2015, 60, 21-25.	4.7	556
57	The role played by local pH and pore size distribution in the electrochemical regeneration of carbon fabrics loaded with bentazon. <i>Carbon</i> , 2015, 94, 816-825.	10.3	22
58	Towards the realistic silicon/carbon composite for Li-ion secondary battery anode. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 1-10.	2.9	35
59	Carbons with narrow pore size distribution prepared by simultaneous carbonization and self-activation of tobacco stems and their application to supercapacitors. <i>Carbon</i> , 2015, 81, 148-157.	10.3	144
60	Comparative Study of Two Protic Ionic Liquids as Electrolyte for Electrical Double-Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2014, 161, A228-A238.	2.9	39
61	Effect of accelerated ageing on the performance of high voltage carbon/carbon electrochemical capacitors in salt aqueous electrolyte. <i>Electrochimica Acta</i> , 2014, 130, 344-350.	5.2	112
62	Influence of electrolyte ion-solvent interactions on the performances of supercapacitors porous carbon electrodes. <i>Journal of Power Sources</i> , 2014, 263, 130-140.	7.8	44
63	Factors contributing to ageing of high voltage carbon/carbon supercapacitors in salt aqueous electrolyte. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 475-480.	2.9	136
64	Carbons and Electrolytes for Advanced Supercapacitors. <i>Advanced Materials</i> , 2014, 26, 2219-2251.	21.0	2,152
65	New insights on electrochemical hydrogen storage in nanoporous carbons by in situ Raman spectroscopy. <i>Carbon</i> , 2014, 69, 401-408.	10.3	47
66	The Carbon/Iodide Interface in Protic Ionic Liquid Medium for Application in Supercapacitors. <i>ECS Transactions</i> , 2014, 61, 21-30.	0.5	7
67	The many faces of carbon in electrochemistry: general discussion. <i>Faraday Discussions</i> , 2014, 172, 117-137.	3.2	4
68	Sodium molybdate – an additive of choice for enhancing the performance of AC/AC electrochemical capacitors in a salt aqueous electrolyte. <i>Faraday Discussions</i> , 2014, 172, 199-214.	3.2	31
69	Carbon electrodes for energy storage: general discussion. <i>Faraday Discussions</i> , 2014, 172, 239-260.	3.2	11
70	Ammonia Treatment of Activated Carbon Powders for Supercapacitor Electrode Application. <i>Journal of the Electrochemical Society</i> , 2014, 161, A568-A575.	2.9	51
71	Supercapacitors: Carbons and Electrolytes for Advanced Supercapacitors ( <i>Adv. Mater.</i> 14/2014). <i>Advanced Materials</i> , 2014, 26, 2283-2283.	21.0	81
72	Effect of binder on the performance of carbon/carbon symmetric capacitors in salt aqueous electrolyte. <i>Electrochimica Acta</i> , 2014, 140, 132-138.	5.2	152

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73	Synthesis and application of carbon nanostructured materials as the electrodes of supercapacitors. Chemical Bulletin of Kazakh National University, 2014, , 49-55.	0.1	0
74	Nanocarbons for Supercapacitors. , 2013, , 393-421.		4
75	Carbons for supercapacitors obtained by one-step pressure induced oxidation at low temperature. Carbon, 2013, 61, 278-283.	10.3	11
76	Influence of Graphite Characteristics on the Electrochemical Performance in Alkylcarbonate LiTFSI Electrolyte for Li-Ion Capacitors and Li-Ion Batteries. Journal of the Electrochemical Society, 2013, 160, A1907-A1915.	2.9	34
77	Optimizing the performance of supercapacitors based on carbon electrodes and protic ionic liquids as electrolytes. Electrochimica Acta, 2013, 108, 361-368.	5.2	49
78	Suggested improvements in the parameters used for describing the low relative pressure region of the water vapour isotherms of activated carbons. Carbon, 2013, 60, 556-558.	10.3	16
79	Investigation of methoxypropionitrile as co-solvent for ethylene carbonate based electrolyte in supercapacitors. A safe and wide temperature range electrolyte. Electrochimica Acta, 2013, 93, 1-7.	5.2	51
80	Exploring electrolyte organization in supercapacitor electrodes with solid-state NMR. Nature Materials, 2013, 12, 351-358.	27.5	210
81	Carbon/carbon supercapacitors. Journal of Energy Chemistry, 2013, 22, 226-240.	12.9	275
82	Carbon Nanofibers Grafted on Activated Carbon as an Electrode in High Power Supercapacitors. ChemSusChem, 2013, 6, 1516-1522.	6.8	28
83	Safe and performant electrolytes for supercapacitor. Investigation of esters/carbonate mixtures. Journal of Power Sources, 2013, 239, 217-224.	7.8	47
84	Reversible Trapping of Emerging Water Contaminants. ECS Meeting Abstracts, 2013, , .	0.0	0
85	Unusual energy enhancement in carbon-based electrochemical capacitors. Journal of Materials Chemistry, 2012, 22, 24213.	6.7	115
86	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
87	Exploring the large voltage range of carbon/carbon supercapacitors in aqueous lithium sulfate electrolyte. Energy and Environmental Science, 2012, 5, 9611.	30.8	297
88	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
89	Microporous carbons finely-tuned by cyclic high-pressure low-temperature oxidation and their use in electrochemical capacitors. Carbon, 2012, 50, 3367-3374.	10.3	32
90	Highly electroconductive multiwalled carbon nanotubes as potentially useful tools for modulating calcium balancing in biological environments. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 299-307.	3.3	5

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91	A solid-state NMR study of C70: A model molecule for amorphous carbons. Solid State Nuclear Magnetic Resonance, 2012, 42, 81-86.	2.3	12
92	Vanadium nitride/carbon nanotube nanocomposites as electrodes for supercapacitors. Journal of Materials Chemistry, 2011, 21, 13268.	6.7	167
93	Development of a High Energy Hybrid Graphite/Carbon Capacitor in Organic Electrolyte. ECS Meeting Abstracts, 2011, , .	0.0	0
94	Carbon Nanotubes as Nanotexturing Agents for High Power Supercapacitors Based on Seaweed Carbons. ChemSusChem, 2011, 4, 943-949.	6.8	79
95	Adjustment of electrodes potential window in an asymmetric carbon/MnO <sub>2</sub> supercapacitor. Journal of Power Sources, 2011, 196, 580-586.	7.8	264
96	Capacitance Evolution of Electrochemical Capacitors with Tailored Nanoporous Electrodes in Pure and Dissolved Ionic Liquids. Fuel Cells, 2010, 10, 834-839.	2.4	15
97	A new type of high energy asymmetric capacitor with nanoporous carbon electrodes in aqueous electrolyte. Journal of Power Sources, 2010, 195, 4234-4241.	7.8	203
98	Effect of electrochemical conditions on the performance worsening of Si/C composite anodes for lithium batteries. Electrochimica Acta, 2010, 55, 729-736.	5.2	23
99	High voltage supercapacitor built with seaweed carbons in neutral aqueous electrolyte. Carbon, 2010, 48, 4351-4361.	10.3	483
100	Pseudo-capacitance of nanoporous carbons in pyrrolidinium-based protic ionic liquids. Electrochemistry Communications, 2010, 12, 414-417.	4.7	68
101	A symmetric carbon/carbon supercapacitor operating at 1.6V by using a neutral aqueous solution. Electrochemistry Communications, 2010, 12, 1275-1278.	4.7	403
102	Tuning Carbon Materials for Supercapacitors by Direct Pyrolysis of Seaweeds. Advanced Functional Materials, 2009, 19, 1032-1039.	14.9	566
103	Carbon/platinum nanotextured films produced by plasma sputtering. Carbon, 2009, 47, 209-214.	10.3	21
104	Nanoporous H-sorbed carbon as anode of secondary cell. Journal of Power Sources, 2009, 188, 617-620.	7.8	9
105	Saturation of subnanometer pores in an electric double-layer capacitor. Electrochemistry Communications, 2009, 11, 554-556.	4.7	107
106	Evidence for electro-chemical interactions between multi-walled carbon nanotubes and human macrophages. Carbon, 2009, 47, 2789-2804.	10.3	21
107	High power supercapacitors using polyacrylonitrile-based carbon nanofiber paper. Carbon, 2009, 47, 2984-2992.	10.3	338
108	Polarization-induced distortion of ions in the pores of carbon electrodes for electrochemical capacitors. Carbon, 2009, 47, 3158-3166.	10.3	79

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109	Confinement of Symmetric Tetraalkylammonium Ions in Nanoporous Carbon Electrodes of Electric Double-Layer Capacitors. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13443-13449.	3.1	49
110	Electrical Double-Layer Capacitors and Pseudocapacitors. <i>Advanced Materials and Technologies</i> , 2009, , 329-375.	0.4	13
111	Determination of the space between closed multiwalled carbon nanotubes by GCMC simulation of nitrogen adsorption. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 442-448.	9.4	23
112	High-energy density graphite/AC capacitor in organic electrolyte. <i>Journal of Power Sources</i> , 2008, 177, 643-651.	7.8	428
113	Structural Defects Play a Major Role in the Acute Lung Toxicity of Multiwall Carbon Nanotubes: Toxicological Aspects. <i>Chemical Research in Toxicology</i> , 2008, 21, 1698-1705.	3.3	246
114	Electrochemical Energy Storage. , 2008, , 593-629.		2
115	Structural Defects Play a Major Role in the Acute Lung Toxicity of Multiwall Carbon Nanotubes: Physicochemical Aspects. <i>Chemical Research in Toxicology</i> , 2008, 21, 1690-1697.	3.3	210
116	Electrochemical Regeneration of Activated Carbon Cloth Exhausted with Bentazone. <i>Environmental Science &amp; Technology</i> , 2008, 42, 4500-4506.	10.0	36
117	Mechanism of adsorption and electrosorption of bentazone on activated carbon cloth in aqueous solutions. <i>Water Research</i> , 2007, 41, 3372-3380.	11.3	84
118	The Large Electrochemical Capacitance of Microporous Doped Carbon Obtained by Using a Zeolite Template. <i>Advanced Functional Materials</i> , 2007, 17, 1828-1836.	14.9	492
119	Effects of thermal treatment of activated carbon on the electrochemical behaviour in supercapacitors. <i>Electrochimica Acta</i> , 2007, 52, 4969-4973.	5.2	172
120	Causes of supercapacitors ageing in organic electrolyte. <i>Journal of Power Sources</i> , 2007, 171, 1046-1053.	7.8	348
121	Electrochemically assisted adsorption/desorption of bentazone on activated carbon cloth. <i>Adsorption</i> , 2007, 13, 579-586.	3.0	14
122	Textural and electrochemical properties of carbon replica obtained from styryl organo-modified layered double hydroxide. <i>Journal of Materials Chemistry</i> , 2006, 16, 2074-2081.	6.7	54
123	HYBRID SUPERCAPACITORS BASED ON $\text{MnO}_2$ /CARBON NANOTUBES COMPOSITES. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2006, , 33-40.	0.1	2
124	DEVELOPMENT OF SUPERCAPACITORS BASED ON CONDUCTING POLYMERS. , 2006, , 41-50.		5
125	Surface Properties, Porosity, Chemical and Electrochemical Applications. , 2006, , 495-549.		14
126	Chapter 6 Application of nanotextured carbons for supercapacitors and hydrogen storage. <i>Interface Science and Technology</i> , 2006, 7, 293-343.	3.3	9



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127	Thermodynamic and Neutron Scattering Study of Hydrogen Adsorption in Two Mesoporous Ordered Carbons. <i>Langmuir</i> , 2006, 22, 4614-4619.	3.5	32
128	Application of nanotextured carbons for electrochemical energy storage in aqueous medium. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1083-1089.	0.6	13
129	Annealing of template nanotubes to well-graphitized multi-walled carbon nanotubes. <i>Carbon</i> , 2006, 44, 814-818.	10.3	19
130	In vitro studies of carbon nanotubes biocompatibility. <i>Carbon</i> , 2006, 44, 1106-1111.	10.3	206
131	Relationship between the nanoporous texture of activated carbons and their capacitance properties in different electrolytes. <i>Carbon</i> , 2006, 44, 2498-2507.	10.3	878
132	State of hydrogen electrochemically stored using nanoporous carbons as negative electrode materials in an aqueous medium. <i>Carbon</i> , 2006, 44, 2392-2398.	10.3	96
133	CESEP Special issue. <i>Carbon</i> , 2006, 44, 2359.	10.3	1
134	Solvent-free ionic liquids as in situ probes for assessing the effect of ion size on the performance of electrical double layer capacitors. <i>Carbon</i> , 2006, 44, 3126-3130.	10.3	62
135	Thermodynamic properties of benzene adsorbed in activated carbons and multi-walled carbon nanotubes. <i>Chemical Physics Letters</i> , 2006, 421, 409-414.	2.6	59
136	Carbon nanotubes with Pt/Ru catalyst for methanol fuel cell. <i>Electrochemistry Communications</i> , 2006, 8, 129-132.	4.7	123
137	Effect of various porous nanotextures on the reversible electrochemical sorption of hydrogen in activated carbons. <i>Electrochimica Acta</i> , 2006, 51, 2161-2167.	5.2	67
138	Optimisation of supercapacitors using carbons with controlled nanotexture and nitrogen content. <i>Electrochimica Acta</i> , 2006, 51, 2209-2214.	5.2	308
139	Fabrication of network films of conducting polymer-linked polyoxometallate-stabilized carbon nanostructures. <i>Electrochimica Acta</i> , 2006, 51, 2373-2379.	5.2	101
140	In situ <sup>7</sup> Li NMR during lithium electrochemical insertion into graphite and a carbon/carbon composite. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1228-1232.	4.0	59
141	Optimisation of an asymmetric manganese oxide/activated carbon capacitor working at 2V in aqueous medium. <i>Journal of Power Sources</i> , 2006, 153, 183-190.	7.8	687
142	Supercapacitors based on conducting polymers/nanotubes composites. <i>Journal of Power Sources</i> , 2006, 153, 413-418.	7.8	885
143	High-voltage asymmetric supercapacitors operating in aqueous electrolyte. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 567-573.	2.3	339
144	A High-Performance Carbon for Supercapacitors Obtained by Carbonization of a Seaweed Biopolymer. <i>Advanced Materials</i> , 2006, 18, 1877-1882.	21.0	786

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145	NOVEL CARBONACEOUS MATERIALS FOR APPLICATION IN THE ELECTROCHEMICAL SUPERCAPACITORS. , 2006, , 5-20.		4
146	HIGH RESOLUTION TRANSMISSION ELECTRON MICROSCOPY IMAGE ANALYSIS OF DISORDERED CARBONS USED FOR ELECTROCHEMICAL STORAGE OF ENERGY. , 2006, , 411-424.		1
147	Nanotextured Carbons for Electrochemical Energy Storage. , 2006, , .		6
148	Nanotextured Carbons for Electrochemical Energy Storage. Advanced Materials and Technologies, 2006, , 295-319.	0.4	0
149	KOH and NaOH activation mechanisms of multiwalled carbon nanotubes with different structural organisation. Carbon, 2005, 43, 786-795.	10.3	727
150	Electrochemical energy storage in ordered porous carbon materials. Carbon, 2005, 43, 1293-1302.	10.3	658
151	Correlation of the irreversible lithium capacity with the active surface area of modified carbons. Carbon, 2005, 43, 2160-2167.	10.3	112
152	Carbon aerogels, cryogels and xerogels: Influence of the drying method on the textural properties of porous carbon materials. Carbon, 2005, 43, 2481-2494.	10.3	396
153	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
154	A single step process for the simultaneous purification and opening of multiwalled carbon nanotubes. Chemical Physics Letters, 2005, 412, 184-189.	2.6	40
155	Determination of the specific capacitance of conducting polymer/nanotubes composite electrodes using different cell configurations. Electrochimica Acta, 2005, 50, 2499-2506.	5.2	718
156	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
157	Elastic modulus of multi-walled carbon nanotubes produced by catalytic chemical vapour deposition. Applied Physics A: Materials Science and Processing, 2005, 80, 695-700.	2.3	42
158	Freezing/melting of Lennard-Jones fluids in carbon nanotubes. Applied Physics Letters, 2005, 86, 103110.	3.3	13
159	Catalytically Grown Carbon Nanotubes of Small Diameter Have a High Young's Modulus. Nano Letters, 2005, 5, 2074-2077.	9.1	65
160	Performance of Manganese Oxide/CNTs Composites as Electrode Materials for Electrochemical Capacitors. Journal of the Electrochemical Society, 2005, 152, A229.	2.9	361
161	Advantages of Electrochemical Hydrogen Storage over Gas Adsorption in Nanoporous Carbons. European Journal of Control, 2005, 30, 531-539.	2.6	4
162	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

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