Alar JÃ¤nes

List of Publications by Year in descending order

144 papers	4,617 citations	76294 40 h-index	118793 62 g-index
144 all docs	144 docs citations	144 times ranked	3757 citing authors

#	Article	IF	Citations
1	Characterisation of activated nanoporous carbon for supercapacitor electrode materials. Carbon, 2007, 45, 1226-1233.	5.4	242
2	Influence of the solvent properties on the characteristics of a double layer capacitor. Journal of Power Sources, 2004, 133, 320-328.	4.0	219
3	Electrochemical characteristics of nanoporous carbide-derived carbon materials in non-aqueous electrolyte solutions. Electrochemistry Communications, 2004, 6, 313-318.	2.3	135
4	Nanoscale fine-tuning of porosity of carbide-derived carbon prepared from molybdenum carbide. Carbon, 2009, 47, 23-29.	5.4	128
5	High power density supercapacitors based on the carbon dioxide activated d-glucose derived carbon electrodes and 1-ethyl-3-methylimidazolium tetrafluoroborate ionic liquid. Journal of Power Sources, 2015, 280, 667-677.	4.0	111
6	Synthesis and characterisation of nanoporous carbide-derived carbon by chlorination of vanadium carbide. Carbon, 2007, 45, 2717-2722.	5.4	109
7	Influence of solvent nature on the electrochemical parameters of electrical double layer capacitors. Journal of Electroanalytical Chemistry, 2004, 562, 33-42.	1.9	104
8	Electrochemical Characteristics of Carbide-Derived Carbonâˆ£1-Ethyl-3-methylimidazolium Tetrafluoroborate Supercapacitor Cells. Journal of the Electrochemical Society, 2010, 157, A272.	1.3	102
9	Energy and power performance of electrochemical double-layer capacitors based on molybdenum carbide derived carbon. Electrochimica Acta, 2010, 55, 3138-3143.	2.6	99
10	Physical and electrochemical characteristics of supercapacitors based on carbide derived carbon electrodes in aqueous electrolytes. Journal of Power Sources, 2011, 196, 4109-4116.	4.0	94
11	Influence of Room Temperature Ionic Liquid Anion Chemical Composition and Electrical Charge Delocalization on the Supercapacitor Properties. Journal of the Electrochemical Society, 2012, 159, A944-A951.	1.3	85
12	Use of organic esters as co-solvents for electrical double layer capacitors with low temperature performance. Journal of Electroanalytical Chemistry, 2006, 588, 285-295.	1.9	82
13	In situ hydrodynamic spectroscopy for structure characterization of porous energy storageÂelectrodes. Nature Materials, 2016, 15, 570-575.	13.3	77
14	Nanostructured carbide-derived carbon synthesized by chlorination of tungsten carbide. Carbon, 2011, 49, 4427-4433.	5.4	76
15	Huge enhancement of energy storage capacity and power density of supercapacitors based on the carbon dioxide activated microporous SiC-CDC. Electrochimica Acta, 2015, 161, 364-370.	2.6	75
16	Energy and power performance of vanadium carbide derived carbon electrode materials for supercapacitors. Journal of Electroanalytical Chemistry, 2009, 630, 55-62.	1.9	72
17	A Type High Capacitance Supercapacitor Based on Mixed Room Temperature Ionic Liquids Containing Specifically Adsorbed Iodide Anions. Journal of the Electrochemical Society, 2014, 161, A222-A227.	1.3	69
18	Microporousâ€“mesoporous carbons for energy storage synthesized by activation of carbonaceous material by zinc chloride, potassium hydroxide or mixture of them. Journal of Power Sources, 2016, 326, 624-634.	4.0	68

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19	Electrochemical properties of nanoporous carbon electrodes in various nonaqueous electrolytes. Journal of Solid State Electrochemistry, 2003, 7, 91-105.	1.2	67
20	Synthesis and characterization of d-glucose derived nanospheric hard carbon negative electrodes for lithium- and sodium-ion batteries. Electrochimica Acta, 2017, 253, 536-544.	2.6	67
21	D-Glucose Derived Nanospheric Hard Carbon Electrodes for Room-Temperature Sodium-Ion Batteries. Journal of the Electrochemical Society, 2016, 163, A1619-A1626.	1.3	66
22	Is the mixture of 1-ethyl-3-methylimidazolium tetrafluoroborate and 1-butyl-3-methylimidazolium tetrafluoroborate applicable as electrolyte in electrical double layer capacitors?. Electrochemistry Communications, 2012, 22, 203-206.	2.3	65
23	Electrochemical Characteristics of Nanoporous Carbide-Derived Carbon Materials in Various Nonaqueous Electrolyte Solutions. Journal of the Electrochemical Society, 2006, 153, A113.	1.3	64
24	A Hybrid Capacitor Based on Fe₃O₄-Graphene Nanocomposite/Few-Layer Graphene in Different Aqueous Electrolytes. Journal of the Electrochemical Society, 2016, 163, A2768-A2775.	1.3	63
25	LiPF6 based ethylene carbonateâ€“dimethyl carbonate electrolyte for high power density electrical double layer capacitor. Electrochimica Acta, 2009, 54, 4587-4594.	2.6	61
26	Electroactive polymer actuators with carbon aerogel electrodes. Journal of Materials Chemistry, 2011, 21, 2577.	6.7	61
27	Electric double layer structure and adsorption of cyclohexanol on single crystal cadmium, antimony and bismuth electrodes. Electrochimica Acta, 1997, 42, 771-783.	2.6	60
28	Electrochemical properties of carbide-derived carbon electrodes in non-aqueous electrolytes based on different Li-salts. Electrochimica Acta, 2011, 56, 9048-9055.	2.6	60
29	Organic carbonateâ€“Organic ester-based non-aqueous electrolytes for electrical double layer capacitors. Electrochemistry Communications, 2005, 7, 510-514.	2.3	58
30	Mesoporous carbide-derived carbons prepared from different chromium carbides. Microporous and Mesoporous Materials, 2011, 141, 88-93.	2.2	55
31	Specific performance of electrical double layer capacitors based on different separator materials in room temperature ionic liquid. Electrochemistry Communications, 2012, 22, 77-80.	2.3	51
32	Influence of nanoporous carbon electrode thickness on the electrochemical characteristics of a nanoporous carbon|tetraethylammonium tetrafluoroborate in acetonitrile solution interface. Journal of Solid State Electrochemistry, 2004, 8, 224-237.	1.2	48
33	Influence of Mesoporous Separator Properties on the Parameters of Electrical Double-Layer Capacitor Single Cells. Journal of the Electrochemical Society, 2009, 156, A334.	1.3	48
34	High Power Density Supercapacitors Based on the Carbon Dioxide Activated D-Glucose Derived Carbon Electrodes and Acetonitrile Electrolyte. Journal of the Electrochemical Society, 2013, 160, A1834-A1841.	1.3	47
35	Nanoporous carbide-derived carbon based actuators modified with gold foil: Prospect for fast response and low voltage applications. Sensors and Actuators B: Chemical, 2012, 161, 629-634.	4.0	46
36	Novel micromesoporous carbon materials synthesized from tantalum hafnium carbide and tungsten titanium carbide. Carbon, 2014, 67, 607-616.	5.4	46

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37	Analysis of electrochemical impedance of polypyrrole | sulfate and polypyrrole | perchlorate films. Synthetic Metals, 2006, 156, 488-494.	2.1	45
38	NaClO4 and NaPF6 as potential non-aqueous electrolyte salts for electrical double layer capacitor application. Electrochimica Acta, 2012, 82, 309-313.	2.6	45
39	Voltammetric and electrochemical impedance spectroscopy studies of the nanoporous carbon | 1 M (C2H5)3CH3NBF4 electrolyte solution interface. Journal of Electroanalytical Chemistry, 2004, 569, 257-269.	1.9	44
40	On the porosity of polypyrrole films. Synthetic Metals, 2007, 157, 1085-1090.	2.1	44
41	Characteristics of non-aqueous quaternary solvent mixture and Na-salts based supercapacitor electrolytes in a wide temperature range. Electrochimica Acta, 2014, 121, 294-300.	2.6	43
42	Surface roughness of bismuth, antimony and cadmium electrodes. Electrochimica Acta, 1998, 44, 373-383.	2.6	42
43	Supercapacitors based on carbide-derived carbons synthesised using HCl and Cl2 as reactants. Journal of Solid State Electrochemistry, 2013, 17, 19-28.	1.2	42
44	Influence of separator properties on electrochemical performance of electrical double-layer capacitors. Journal of Electroanalytical Chemistry, 2013, 689, 8-20.	1.9	42
45	Influence of electrolyte characteristics on the electrochemical parameters of electrical double layer capacitors. Journal of Solid State Electrochemistry, 2004, 8, 488-496.	1.2	41
46	Electrical double layer capacitors based on 1-ethyl-3-methylimidazolium tetrafluoroborate with small addition of acetonitrile. Electrochimica Acta, 2012, 85, 139-144.	2.6	41
47	Novel sol-gel synthesis route of carbide-derived carbon composites for very high power density supercapacitors. Chemical Engineering Journal, 2017, 320, 576-587.	6.6	41
48	Influence of solvent nature on the electrochemical characteristics of nanoporous carbon | 1 M (C2H5)3CH3NBF4 electrolyte solution interface. Surface Science, 2004, 560, 145-157.	0.8	40
49	Impact of carbon nanotube additives on carbide-derived carbon-based electroactive polymer actuators. Carbon, 2012, 50, 4351-4358.	5.4	38
50	Novel doubly charged cation based electrolytes for non-aqueous supercapacitors. Electrochemistry Communications, 2010, 12, 535-539.	2.3	37
51	Influence of porosity parameters and electrolyte chemical composition on the power densities of non-aqueous and ionic liquid based supercapacitors. Electrochimica Acta, 2018, 283, 931-948.	2.6	37
52	Supercapacitors Based on Activated Silicon Carbide-Derived Carbon Materials and Ionic Liquid. Journal of the Electrochemical Society, 2016, 163, A1317-A1325.	1.3	33
53	Carbon for Energy Storage Derived from Granulated White Sugar by Hydrothermal Carbonization and Subsequent Zinc Chloride Activation. Journal of the Electrochemical Society, 2017, 164, A1866-A1872.	1.3	32
54	Adsorption of pyridine on the (111), (001) and (00) faces of bismuth. Journal of Electroanalytical Chemistry, 1997, 425, 25-37.	1.9	30

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55	Influence of surface pretreatment of bismuth and cadmium electrodes to the electric double layer and adsorption characteristics of organic compounds. Electrochimica Acta, 1997, 42, 2861-2879.	2.6	30
56	Influence of charge density and electrolyte concentration on the electrical double layer characteristics at rough cadmium electrodes. Electrochimica Acta, 2000, 46, 185-191.	2.6	30
57	Adsorption kinetics of 2-methyl-2-butanol on bismuth single crystal planes. Journal of Electroanalytical Chemistry, 2001, 515, 17-32.	1.9	29
58	In Situ Acoustic Diagnostics of Particle-Binder Interactions in Battery Electrodes. Joule, 2018, 2, 988-1003.	11.7	29
59	Adsorption kinetics of dodecyl sulfate anions on the bismuth plane. Journal of Electroanalytical Chemistry, 2003, 553, 1-19.	1.9	27
60	Alkali-Metal Insertion Processes on Nanospheric Hard Carbon Electrodes: An Electrochemical Impedance Spectroscopy Study. Journal of the Electrochemical Society, 2017, 164, E3429-E3437.	1.3	27
61	Peat-derived hard carbon electrodes with superior capacity for sodium-ion batteries. RSC Advances, 2020, 10, 20145-20154.	1.7	26
62	Selective adsorption of multivalent ions into TiC-derived nanoporous carbon. Carbon, 2012, 50, 3957-3960.	5.4	25
63	Specific Performance of Supercapacitors at Lower Temperatures Based on Different Separator Materials. Journal of the Electrochemical Society, 2013, 160, A449-A457.	1.3	25
64	Electrochemical Behavior of Î±-Tungsten Carbide-Derived Carbon Based Electric Double-Layer Capacitors. Journal of the Electrochemical Society, 2012, 159, A208-A213.	1.3	23
65	Adsorption of isomers of butanol on bismuth single crystal plane electrodes. Journal of Electroanalytical Chemistry, 1996, 413, 175-185.	1.9	22
66	Ionic liquid-1,2-dimethoxyethane mixture as electrolyte for high power density supercapacitors. Journal of Energy Chemistry, 2016, 25, 609-614.	7.1	21
67	Lithium bis(oxalato)borate as an electrolyte for micromesoporous carbide-derived carbon based supercapacitors. Journal of Electroanalytical Chemistry, 2012, 669, 67-72.	1.9	19
68	Fluoroethylene Carbonate as Co-Solvent for Propylene Carbonate Based Electrical Double Layer Capacitors. Journal of the Electrochemical Society, 2013, 160, A1025-A1030.	1.3	19
69	Influence of Different Organic Solvent Additives on 1-ethyl-3-methylimidazolium Tetrafluoroborate Electrolyte Based Electrical Double Layer Capacitors. Journal of the Electrochemical Society, 2013, 160, A1741-A1745.	1.3	18
70	Electrochemical behaviour of hybrid devices based on Na2SO4 and Rb2SO4 neutral aqueous electrolytes and carbon electrodes within wide cell potential region. Journal of Solid State Electrochemistry, 2015, 19, 769-783.	1.2	18
71	Influence of the surface structure of cadmium electrodes on the electric double layer parameters in aqueous surface-inactive electrolyte solutions. Journal of Electroanalytical Chemistry, 1996, 413, 111-121.	1.9	17
72	Surface Analysis of Supercapacitor Electrodes After Long-Lasting Constant Current Tests in Organic Electrolyte. Journal of the Electrochemical Society, 2012, 159, A1141-A1147.	1.3	17

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73	Application of multistep electrospinning method for preparation of electrical double-layer capacitor half-cells. Electrochimica Acta, 2014, 119, 72-77.	2.6	17
74	Cesium carborane as an unconventional non-aqueous electrolyte salt for electrochemical capacitors. Electrochimica Acta, 2014, 125, 482-487.	2.6	17
75	Hydrothermal and peat-derived carbons as electrode materials for high-efficient electrical double-layer capacitors. Journal of Applied Electrochemistry, 2020, 50, 15-32.	1.5	17
76	Vinylene Carbonate as Co-Solvent for Low-Temperature Mixed Electrolyte Based Supercapacitors. Journal of the Electrochemical Society, 2016, 163, A851-A857.	1.3	16
77	Substituted phosphonium cation based electrolytes for nonaqueous electrical double-layer capacitors. Journal of Materials Research, 2010, 25, 1447-1450.	1.2	15
78	Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance. Journal of Solid State Electrochemistry, 2012, 16, 2717-2722.	1.2	15
79	Micro- and Mesoporous Carbide-Derived Carbon Materials and Polymer Membranes for Supercapacitors. ECS Transactions, 2008, 16, 57-67.	0.3	14
80	Supercapacitors Based on Propylene Carbonate with Small Addition of Different Sulfur Containing Organic Solvents. Journal of the Electrochemical Society, 2014, 161, A1284-A1290.	1.3	14
81	Hydrogen adsorption properties of carbide-derived carbons at ambient temperature and high pressure. International Journal of Hydrogen Energy, 2021, 46, 15761-15772.	3.8	14
82	Electrical Double Layer Capacitors Based on Steam and CO₂-Steam Co-Activated Carbon Electrodes and Ionic Liquid Electrolyte. Journal of the Electrochemical Society, 2019, 166, A1558-A1567.	1.3	13
83	Adsorption Kinetics of Normal-Heptanol on the Bismuth Single Crystal Planes. Russian Journal of Electrochemistry, 2002, 38, 8-19.	0.3	12
84	Influence of Surface Charge Density on the Electrochemically Derived Surface Roughness of Bi Electrodes. Journal of the Electrochemical Society, 2003, 150, E175.	1.3	12
85	Adsorption kinetics of tetrabutylammonium cations on Bi() plane. Journal of Electroanalytical Chemistry, 2004, 569, 241-256.	1.9	12
86	Microporous and Mesoporous Carbide-Derived Carbons for Strain Modification of Electromechanical Actuators. Langmuir, 2014, 30, 2583-2587.	1.6	12
87	Potassium Salts Based Non-Aqueous Electrolytes for Electrical Double Layer Capacitors: A Comparison with LiPF₆and NaPF₆Based Electrolytes. Journal of the Electrochemical Society, 2018, 165, A3862-A3870.	1.3	12
88	Increasing the stability of very high potential electrical double layer capacitors by operando passivation. Journal of Power Sources, 2018, 402, 53-61.	4.0	12
89	Adsorption of propanol on bismuth single-crystal-plane electrodes. Journal of Electroanalytical Chemistry, 1997, 436, 141-153.	1.9	11
90	Adsorption of normal hexanol on bismuth single crystal plane electrodes. Journal of Electroanalytical Chemistry, 1998, 442, 189-200.	1.9	11

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91	Orientation of organic compounds at single-crystal bismuth electrodes. Electrochimica Acta, 1999, 44, 4707-4720.	2.6	11
92	Adsorption of D-ribose on bismuth single crystal plane electrodes. Electrochimica Acta, 2001, 47, 967-975.	2.6	11
93	Enhanced Power Performance of Highly Mesoporous Sol-Gel TiC Derived Carbons in Ionic Liquid and Non-Aqueous Electrolyte Based Capacitors. Journal of the Electrochemical Society, 2019, 166, A2887-A2895.	1.3	11
94	Glycine-Nitrate Process for Synthesis of Na3V2(PO4)3 Cathode Material and Optimization of Glucose-Derived Hard Carbon Anode Material for Characterization in Full Cells. Batteries, 2019, 5, 56.	2.1	10
95	Carbide-Derived Carbons: WAXS and Raman Spectra for Detailed Structural Analysis. Journal of Carbon Research, 2021, 7, 29.	1.4	10
96	Electrochemical Characteristics of Zn-Ion Hybrid Supercapacitors Based on Aqueous Solution of Different Electrolytes. Journal of the Electrochemical Society, 2022, 169, 020512.	1.3	10
97	In situ infrared spectroscopic characterization of a bismuthâ€“ethanol interface. Electrochimica Acta, 2008, 53, 8166-8171.	2.6	9
98	Electrochemical Double Layer Capacitors Based on Propylene Carbonate Solution Operating from â˜’45Â°C to 100Â°C. Journal of the Electrochemical Society, 2014, 161, A712-A717.	1.3	9
99	Oxygen Electroreduction on Platinum Nanoparticles Deposited onto D-Glucose Derived Carbon. Journal of the Electrochemical Society, 2015, 162, F651-F660.	1.3	9
100	Investigation of the surface topography and double layer characteristics of variously pre-treated antimony single crystal electrodes. Surface Science, 2003, 532-535, 1121-1126.	0.8	8
101	Electrochemical impedance study of hydrogen evolution on Bi(001) electrode in the HClO4 aqueous solutions. Journal of Solid State Electrochemistry, 2009, 13, 745-754.	1.2	8
102	Polymorphic Behavior and Morphology of Electrospun Poly(Vinylidene Fluoride) Separator Materials for Non-Aqueous Electrolyte Based Electric Double Layer Capacitors. ECS Transactions, 2013, 50, 49-58.	0.3	8
103	Iodide ion containing ionic liquid mixture based asymmetrical capacitor performance. Journal of Energy Storage, 2020, 32, 101845.	3.9	8
104	Effect of Zinc Chloride Activation on D-Glucose Derived Carbons Based Capacitors Performance in Ionic Liquid. Journal of the Electrochemical Society, 2020, 167, 080533.	1.3	8
105	Separator Materials Influence on Supercapacitors Performance in Viscous Electrolytes. ECS Transactions, 2015, 64, 41-49.	0.3	7
106	Steam and Carbon Dioxide Co-Activated Silicon Carbide-Derived Carbons for High Power Density Electrical Double Layer Capacitors. Journal of the Electrochemical Society, 2018, 165, A2357-A2364.	1.3	7
107	Adsorption of adenosine on (111) and (001) bismuth single crystal planes. Journal of Electroanalytical Chemistry, 1998, 449, 153-163.	1.9	6
108	Micro- and Mesoporous Carbon Based Electrode Materials for Electrical Double Layer Capacitors. ECS Transactions, 2007, 6, 269-278.	0.3	6

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109	Electrochemical Characteristics of Titanium Carbide Derived Carbon | 1-Ethyl-3-Methylimidazolium Tetrafluoroborate Electrical Double Layer Capacitors. ECS Transactions, 2010, 25, 15-23.	0.3	6
110	Supercapacitors Based on Mixture of Room Temperature Ionic Liquids Containing Specifically Adsorbed Iodide Anions. ECS Transactions, 2015, 64, 1-11.	0.3	6
111	Low Temperature Performance of Electrochemical Double-Layer Capacitor based on Electrospun Half-Cells. Journal of the Electrochemical Society, 2015, 162, A5031-A5036.	1.3	6
112	Characteristics of Capacitors Based on Ionic Liquids: From Dielectric Polymers to Redox-Active Adsorbed Species. ECS Transactions, 2016, 75, 161-170.	0.3	6
113	Low concentrated carbonaceous suspensions assisted with carboxymethyl cellulose as electrode for electrochemical flow capacitor. European Physical Journal E, 2019, 42, 8.	0.7	6
114	Adsorption of 1-pentanol on bismuth single-crystal plane electrodes. Journal of Solid State Electrochemistry, 1999, 3, 277-287.	1.2	5
115	Adsorption kinetics of d-ribose on the bismuth(001) plane. Journal of Electroanalytical Chemistry, 2003, 548, 27-39.	1.9	5
116	Comparison of Electrospun and Commercially Available Separator Materials for Supercapacitors. ECS Transactions, 2009, 19, 23-32.	0.3	5
117	Fluoroethylene Carbonate and Propylene Carbonate Mixtures Based Electrolytes for Supercapacitors. ECS Transactions, 2014, 58, 71-79.	0.3	5
118	Zn(ClO4)2 aqueous solutionâ€“based Zn thin foil | carbon cloth two-electrode single-cell characteristics. Journal of Solid State Electrochemistry, 2021, 25, 2869-2880.	1.2	5
119	Adsorption of 1-heptanol on bismuth single-crystal plane electrodes. Journal of Solid State Electrochemistry, 2003, 7, 189-200.	1.2	4
120	Electrochemical Behavior of Carbide Derived Carbons in LiPF6 and LiCF3SO3 Nonaqueous Electrolytes. ECS Transactions, 2010, 28, 65-75.	0.3	4
121	Application of Some Carbon Fabrics as Outstanding Supercapacitor Electrode Materials in Acetonitrile Based Electrolyte. Journal of the Electrochemical Society, 2017, 164, A453-A460.	1.3	4
122	The zero charge potential shift upon adsorption of various organic compounds at bismuth | solution interface. Electrochimica Acta, 1999, 45, 935-943.	2.6	3
123	Adsorption of 2-methyl-2-butanol on bismuth single crystal planes. Journal of Electroanalytical Chemistry, 2001, 515, 33-44.	1.9	3
124	Carbon materials for supercapacitor application by hydrothermal carbonization of D-glucose. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012020.	0.3	3
125	Synthesis and Characterization of Na₃V₂(PO₄)₂F₃ Based Cathode Material for Sodium Ion Batteries. ECS Transactions, 2015, 69, 27-36.	0.3	3
126	Supercapacitors Based on Propylene Carbonate Solution Operating from -45 ÂC to 100 ÂC. ECS Transactions, 2015, 64, 31-40.	0.3	3

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127	Bis(trifluoromethanesulfonyl)imide Metallic Salts Based Electrolytes for Electrochemical Capacitor Application: Theoretical vs Experimental Performance. Journal of the Electrochemical Society, 2021, 168, 070528.	1.3	3
128	Characterization of Activated Nanoporous Carbon as Electrical Double Layer Capacitor Electrode Materials. ECS Transactions, 2007, 3, 39-48.	0.3	2
129	Advanced nanostructured carbon materials for electrical double layer capacitors. Journal of Physics: Conference Series, 2007, 93, 012002.	0.3	2
130	Publisherâ€™s Note: Electrical Double Layer Capacitors Based on Two 1-Ethyl-3-methylimidazolium Ionic Liquids with Different Anions [Electrochem. Solid-State Lett., 14, A120 (2011)]. Electrochemical and Solid-State Letters, 2011, 14, S7.	2.2	1
131	Novel NaClO4 and NaPF6 Based Non-Aqueous Electrolytes for Electrical Double Layer Capacitor Application. ECS Transactions, 2013, 50, 153-161.	0.3	1
132	Surface analysis of supercapacitor electrodes after long-lasting constant current tests. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012006.	0.3	1
133	Comparative Study of Using Chlorine and Hydrogen Chloride for Synthesis of Titanium Carbide Derived Carbon. ECS Transactions, 2013, 50, 3-12.	0.3	1
134	Replacing Chlorine with Hydrogen Chloride as a Possible Reactant for Synthesis of Titanium Carbide Derived Carbon Powders for High-Technology Devices. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012018.	0.3	1
135	Carbon Dioxide Activated SiC-CDC: Attractive Material for Supercapacitor Electrodes. ECS Transactions, 2015, 69, 1-10.	0.3	1
136	Supercapacitors Based on Propylene Carbonate with Addition of Sulfur Containing Organic Solvents. ECS Transactions, 2015, 64, 21-30.	0.3	1
137	Characterization of Non-Aqueous Supercapacitors Based on Titanium Carbide Derived Carbon Electrodes and Novel Doubly Charged Cation Based Salts. ECS Transactions, 2010, 33, 47-54.	0.3	0
138	Synthesis and Characterization of Carbide-Derived Carbons Prepared from Different Chromium Carbides. ECS Meeting Abstracts, 2011, , .	0.0	0
139	Low-voltage bending actuators from carbide-derived carbon improved with gold foil. , 2012, , .		0
140	Specific Performance of Electrical Double-Layer Capacitors Based on Different Separator Materials and Non-Aqueous Electrolytes. ECS Transactions, 2013, 50, 181-189.	0.3	0
141	Surface Characterization of Supercapacitor Electrodes after Long-Lasting Constant Current Tests. ECS Transactions, 2013, 50, 191-198.	0.3	0
142	D-Glucose Derived Micro/Mesoporous Carbons for Ultra-High Rate Supercapacitor Application. ECS Transactions, 2014, 58, 3-12.	0.3	0
143	Operando XRD study on the Effect of Boron Doping on the Failure Mechanisms of Na-, Ni- and Mn-based Positive Electrodes in Sodium-Ion Batteries. ECS Transactions, 2021, 104, 99-106.	0.3	0
144	Operando XRD study on the Effect of Boron Doping on the Failure Mechanisms of Na-, Ni- and Mn-based Positive Electrodes in Sodium-Ion Batteries. ECS Meeting Abstracts, 2021, MA2021-02, 123-123.	0.0	0