

Alar Jnes

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

3,889
citations

38
h-index

57
g-index

144
ext. papers

4,210
ext. citations

4.5
avg, IF

5.45
L-index

#	Paper	IF	Citations
134	Characterisation of activated nanoporous carbon for supercapacitor electrode materials. <i>Carbon</i> , 2007 , 45, 1226-1233	10.4	219
133	Influence of the solvent properties on the characteristics of a double layer capacitor. <i>Journal of Power Sources</i> , 2004 , 133, 320-328	8.9	198
132	Electrochemical characteristics of nanoporous carbide-derived carbon materials in non-aqueous electrolyte solutions. <i>Electrochemistry Communications</i> , 2004 , 6, 313-318	5.1	124
131	Nanoscale fine-tuning of porosity of carbide-derived carbon prepared from molybdenum carbide. <i>Carbon</i> , 2009 , 47, 23-29	10.4	114
130	Synthesis and characterisation of nanoporous carbide-derived carbon by chlorination of vanadium carbide. <i>Carbon</i> , 2007 , 45, 2717-2722	10.4	104
129	High power density supercapacitors based on the carbon dioxide activated d-glucose derived carbon electrodes and 1-ethyl-3-methylimidazolium tetrafluoroborate ionic liquid. <i>Journal of Power Sources</i> , 2015 , 280, 667-677	8.9	99
128	Influence of solvent nature on the electrochemical parameters of electrical double layer capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 562, 33-42	4.1	96
127	Electrochemical Characteristics of Carbide-Derived Carbon 1-Ethyl-3-methylimidazolium Tetrafluoroborate Supercapacitor Cells. <i>Journal of the Electrochemical Society</i> , 2010 , 157, A272	3.9	94
126	Energy and power performance of electrochemical double-layer capacitors based on molybdenum carbide derived carbon. <i>Electrochimica Acta</i> , 2010 , 55, 3138-3143	6.7	85
125	Physical and electrochemical characteristics of supercapacitors based on carbide derived carbon electrodes in aqueous electrolytes. <i>Journal of Power Sources</i> , 2011 , 196, 4109-4116	8.9	83
124	Influence of Room Temperature Ionic Liquid Anion Chemical Composition and Electrical Charge Delocalization on the Supercapacitor Properties. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A944-A951	3.9	74
123	Use of organic esters as co-solvents for electrical double layer capacitors with low temperature performance. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 588, 285-295	4.1	71
122	Nanostructured carbide-derived carbon synthesized by chlorination of tungsten carbide. <i>Carbon</i> , 2011 , 49, 4427-4433	10.4	70
121	In situ hydrodynamic spectroscopy for structure characterization of porous energy storage electrodes. <i>Nature Materials</i> , 2016 , 15, 570-5	27	65
120	Energy and power performance of vanadium carbide derived carbon electrode materials for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 630, 55-62	4.1	64
119	Huge enhancement of energy storage capacity and power density of supercapacitors based on the carbon dioxide activated microporous SiC-CDC. <i>Electrochimica Acta</i> , 2015 , 161, 364-370	6.7	62
118	Electrochemical Characteristics of Nanoporous Carbide-Derived Carbon Materials in Various Nonaqueous Electrolyte Solutions. <i>Journal of the Electrochemical Society</i> , 2006 , 153, A113	3.9	60

117	Is the mixture of 1-ethyl-3-methylimidazolium tetrafluoroborate and 1-butyl-3-methylimidazolium tetrafluoroborate applicable as electrolyte in electrical double layer capacitors?. <i>Electrochemistry Communications</i> , 2012 , 22, 203-206	5.1	57
116	Electrochemical properties of nanoporous carbon electrodes in various nonaqueous electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2003 , 7, 91-105	2.6	57
115	A Hybrid Capacitor Based on Fe ₃ O ₄ -Graphene Nanocomposite/Few-Layer Graphene in Different Aqueous Electrolytes. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A2768-A2775	3.9	57
114	Microporous/mesoporous carbons for energy storage synthesized by activation of carbonaceous material by zinc chloride, potassium hydroxide or mixture of them. <i>Journal of Power Sources</i> , 2016 , 326, 624-634	8.9	56
113	A Type High Capacitance Supercapacitor Based on Mixed Room Temperature Ionic Liquids Containing Specifically Adsorbed Iodide Anions. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A222-A227	3.9	55
112	LiPF ₆ based ethylene carbonate/dimethyl carbonate electrolyte for high power density electrical double layer capacitor. <i>Electrochimica Acta</i> , 2009 , 54, 4587-4594	6.7	55
111	Electrochemical properties of carbide-derived carbon electrodes in non-aqueous electrolytes based on different Li-salts. <i>Electrochimica Acta</i> , 2011 , 56, 9048-9055	6.7	54
110	Electroactive polymer actuators with carbon aerogel electrodes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 2577		54
109	Mesoporous carbide-derived carbons prepared from different chromium carbides. <i>Microporous and Mesoporous Materials</i> , 2011 , 141, 88-93	5.3	51
108	Electric double layer structure and adsorption of cyclohexanol on single crystal cadmium, antimony and bismuth electrodes. <i>Electrochimica Acta</i> , 1997 , 42, 771-783	6.7	50
107	Organic carbonate/Organic ester-based non-aqueous electrolytes for electrical double layer capacitors. <i>Electrochemistry Communications</i> , 2005 , 7, 510-514	5.1	50
106	D-Glucose Derived Nanospheric Hard Carbon Electrodes for Room-Temperature Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A1619-A1626	3.9	49
105	Synthesis and characterization of d-glucose derived nanospheric hard carbon negative electrodes for lithium- and sodium-ion batteries. <i>Electrochimica Acta</i> , 2017 , 253, 536-544	6.7	48
104	Influence of nanoporous carbon electrode thickness on the electrochemical characteristics of a nanoporous carbon tetraethylammonium tetrafluoroborate in acetonitrile solution interface. <i>Journal of Solid State Electrochemistry</i> , 2004 , 8, 224-237	2.6	44
103	High Power Density Supercapacitors Based on the Carbon Dioxide Activated D-Glucose Derived Carbon Electrodes and Acetonitrile Electrolyte. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A1834-A1841	3.9	41
102	On the porosity of polypyrrole films. <i>Synthetic Metals</i> , 2007 , 157, 1085-1090	3.6	40
101	Voltammetric and electrochemical impedance spectroscopy studies of the nanoporous carbon 1 M (C ₂ H ₅) ₃ CH ₃ NBF ₄ electrolyte solution interface. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 569, 257-269	4.1	40
100	Specific performance of electrical double layer capacitors based on different separator materials in room temperature ionic liquid. <i>Electrochemistry Communications</i> , 2012 , 22, 77-80	5.1	39

99	Analysis of electrochemical impedance of polypyrrole sulfate and polypyrrole perchlorate films. <i>Synthetic Metals</i> , 2006 , 156, 488-494	3.6	39
98	Novel micromesoporous carbon materials synthesized from tantalum hafnium carbide and tungsten titanium carbide. <i>Carbon</i> , 2014 , 67, 607-616	10.4	38
97	Influence of solvent nature on the electrochemical characteristics of nanoporous carbon 1 M (C ₂ H ₅) ₃ CH ₃ NBF ₄ electrolyte solution interface. <i>Surface Science</i> , 2004 , 560, 145-157	1.8	38
96	Nanoporous carbide-derived carbon based actuators modified with gold foil: Prospect for fast response and low voltage applications. <i>Sensors and Actuators B: Chemical</i> , 2012 , 161, 629-634	8.5	37
95	Influence of Mesoporous Separator Properties on the Parameters of Electrical Double-Layer Capacitor Single Cells. <i>Journal of the Electrochemical Society</i> , 2009 , 156, A334	3.9	37
94	Supercapacitors based on carbide-derived carbons synthesised using HCl and Cl ₂ as reactants. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 19-28	2.6	36
93	NaClO ₄ and NaPF ₆ as potential non-aqueous electrolyte salts for electrical double layer capacitor application. <i>Electrochimica Acta</i> , 2012 , 82, 309-313	6.7	36
92	Influence of electrolyte characteristics on the electrochemical parameters of electrical double layer capacitors. <i>Journal of Solid State Electrochemistry</i> , 2004 , 8, 488-496	2.6	36
91	Characteristics of non-aqueous quaternary solvent mixture and Na-salts based supercapacitor electrolytes in a wide temperature range. <i>Electrochimica Acta</i> , 2014 , 121, 294-300	6.7	35
90	Electrical double layer capacitors based on 1-ethyl-3-methylimidazolium tetrafluoroborate with small addition of acetonitrile. <i>Electrochimica Acta</i> , 2012 , 85, 139-144	6.7	33
89	Novel sol-gel synthesis route of carbide-derived carbon composites for very high power density supercapacitors. <i>Chemical Engineering Journal</i> , 2017 , 320, 576-587	14.7	32
88	Surface roughness of bismuth, antimony and cadmium electrodes. <i>Electrochimica Acta</i> , 1998 , 44, 373-383	3.7	32
87	Impact of carbon nanotube additives on carbide-derived carbon-based electroactive polymer actuators. <i>Carbon</i> , 2012 , 50, 4351-4358	10.4	31
86	Novel doubly charged cation based electrolytes for non-aqueous supercapacitors. <i>Electrochemistry Communications</i> , 2010 , 12, 535-539	5.1	30
85	Influence of separator properties on electrochemical performance of electrical double-layer capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 689, 8-20	4.1	29
84	Carbon for Energy Storage Derived from Granulated White Sugar by Hydrothermal Carbonization and Subsequent Zinc Chloride Activation. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A1866-A1872	3.9	28
83	Influence of porosity parameters and electrolyte chemical composition on the power densities of non-aqueous and ionic liquid based supercapacitors. <i>Electrochimica Acta</i> , 2018 , 283, 931-948	6.7	26
82	Adsorption kinetics of 2-methyl-2-butanol on bismuth single crystal planes. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 515, 17-32	4.1	26

81	Adsorption of pyridine on the (111), (001) and (00) faces of bismuth. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 425, 25-37	4.1	25
80	Adsorption kinetics of dodecyl sulfate anions on the bismuth plane. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 553, 1-19	4.1	25
79	Supercapacitors Based on Activated Silicon Carbide-Derived Carbon Materials and Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A1317-A1325	3.9	25
78	In Situ Acoustic Diagnostics of Particle-Binder Interactions in Battery Electrodes. <i>Joule</i> , 2018 , 2, 988-1003	3.8	24
77	Influence of charge density and electrolyte concentration on the electrical double layer characteristics at rough cadmium electrodes. <i>Electrochimica Acta</i> , 2000 , 46, 185-191	6.7	24
76	Selective adsorption of multivalent ions into TiC-derived nanoporous carbon. <i>Carbon</i> , 2012 , 50, 3957-3966	6.4	23
75	Electrochemical Behavior of Tungsten Carbide-Derived Carbon Based Electric Double-Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A208-A213	3.9	23
74	Influence of surface pretreatment of bismuth and cadmium electrodes to the electric double layer and adsorption characteristics of organic compounds. <i>Electrochimica Acta</i> , 1997 , 42, 2861-2879	6.7	22
73	Alkali-Metal Insertion Processes on Nanospheric Hard Carbon Electrodes: An Electrochemical Impedance Spectroscopy Study. <i>Journal of the Electrochemical Society</i> , 2017 , 164, E3429-E3437	3.9	21
72	Specific Performance of Supercapacitors at Lower Temperatures Based on Different Separator Materials. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A449-A457	3.9	19
71	Adsorption of isomers of butanol on bismuth single crystal plane electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 413, 175-185	4.1	19
70	Ionic liquid-1,2-dimethoxyethane mixture as electrolyte for high power density supercapacitors. <i>Journal of Energy Chemistry</i> , 2016 , 25, 609-614	12	16
69	Electrochemical behaviour of hybrid devices based on Na ₂ SO ₄ and Rb ₂ SO ₄ neutral aqueous electrolytes and carbon electrodes within wide cell potential region. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 769-783	2.6	15
68	Cesium carborane as an unconventional non-aqueous electrolyte salt for electrochemical capacitors. <i>Electrochimica Acta</i> , 2014 , 125, 482-487	6.7	15
67	Surface Analysis of Supercapacitor Electrodes After Long-Lasting Constant Current Tests in Organic Electrolyte. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A1141-A1147	3.9	15
66	Lithium bis(oxalato)borate as an electrolyte for micromesoporous carbide-derived carbon based supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 669, 67-72	4.1	15
65	Fluoroethylene Carbonate as Co-Solvent for Propylene Carbonate Based Electrical Double Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A1025-A1030	3.9	15
64	Application of multistep electrospinning method for preparation of electrical double-layer capacitor half-cells. <i>Electrochimica Acta</i> , 2014 , 119, 72-77	6.7	14

63	Influence of the surface structure of cadmium electrodes on the electric double layer parameters in aqueous surface-inactive electrolyte solutions. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 413, 111-124	4.1	14
62	Influence of Different Organic Solvent Additives on 1-ethyl-3-methylimidazolium Tetrafluoroborate Electrolyte Based Electrical Double Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A1741-A1745	3.9	13
61	Micro- and Mesoporous Carbide-Derived Carbon Materials and Polymer Membranes for Supercapacitors. <i>ECS Transactions</i> , 2009 , 16, 57-67	1	12
60	Peat-derived hard carbon electrodes with superior capacity for sodium-ion batteries.. <i>RSC Advances</i> , 2020 , 10, 20145-20154	3.7	11
59	Vinylene Carbonate as Co-Solvent for Low-Temperature Mixed Electrolyte Based Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A851-A857	3.9	11
58	Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 2717-2722	2.6	11
57	Adsorption kinetics of tetrabutylammonium cations on Bi() plane. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 569, 241-256	4.1	11
56	Microporous and mesoporous carbide-derived carbons for strain modification of electromechanical actuators. <i>Langmuir</i> , 2014 , 30, 2583-7	4	10
55	Substituted phosphonium cation based electrolytes for nonaqueous electrical double-layer capacitors. <i>Journal of Materials Research</i> , 2010 , 25, 1447-1450	2.5	10
54	Adsorption of propanol on bismuth single-crystal-plane electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 436, 141-153	4.1	10
53	Adsorption of normal hexanol on bismuth single crystal plane electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1998 , 442, 189-200	4.1	10
52	Adsorption Kinetics of Normal-Heptanol on the Bismuth Single Crystal Planes. <i>Russian Journal of Electrochemistry</i> , 2002 , 38, 8-19	1.2	10
51	Influence of Surface Charge Density on the Electrochemically Derived Surface Roughness of Bi Electrodes. <i>Journal of the Electrochemical Society</i> , 2003 , 150, E175	3.9	10
50	Adsorption of D-ribose on bismuth single crystal plane electrodes. <i>Electrochimica Acta</i> , 2001 , 47, 967-975	3.7	10
49	Hydrothermal and peat-derived carbons as electrode materials for high-efficient electrical double-layer capacitors. <i>Journal of Applied Electrochemistry</i> , 2020 , 50, 15-32	2.6	10
48	Increasing the stability of very high potential electrical double layer capacitors by operando passivation. <i>Journal of Power Sources</i> , 2018 , 402, 53-61	8.9	10
47	Supercapacitors Based on Propylene Carbonate with Small Addition of Different Sulfur Containing Organic Solvents. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A1284-A1290	3.9	9
46	Electrical Double Layer Capacitors Based on Steam and CO ₂ -Steam Co-Activated Carbon Electrodes and Ionic Liquid Electrolyte. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A1558-A1567	3.9	8

45	Potassium Salts Based Non-Aqueous Electrolytes for Electrical Double Layer Capacitors: A Comparison with LiPF ₆ and NaPF ₆ Based Electrolytes. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A3862-A3870	3.9	8
44	Electrochemical impedance study of hydrogen evolution on Bi(001) electrode in the HClO ₄ aqueous solutions. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 745-754	2.6	7
43	In situ infrared spectroscopic characterization of a bismuth-ethanol interface. <i>Electrochimica Acta</i> , 2008 , 53, 8166-8171	6.7	7
42	Investigation of the surface topography and double layer characteristics of variously pre-treated antimony single crystal electrodes. <i>Surface Science</i> , 2003 , 532-535, 1121-1126	1.8	7
41	Orientation of organic compounds at single-crystal bismuth electrodes. <i>Electrochimica Acta</i> , 1999 , 44, 4707-4720	6.7	7
40	Low concentrated carbonaceous suspensions assisted with carboxymethyl cellulose as electrode for electrochemical flow capacitor. <i>European Physical Journal E</i> , 2019 , 42, 8	1.5	6
39	Oxygen Electroreduction on Platinum Nanoparticles Deposited onto D-Glucose Derived Carbon. <i>Journal of the Electrochemical Society</i> , 2015 , 162, F651-F660	3.9	6
38	Characteristics of Capacitors Based on Ionic Liquids: From Dielectric Polymers to Redox-Active Adsorbed Species. <i>ECS Transactions</i> , 2016 , 75, 161-170	1	6
37	Electrochemical Double Layer Capacitors Based on Propylene Carbonate Solution Operating from -85°C to 100°C. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A712-A717	3.9	6
36	Adsorption of adenosine on (111) and (001) bismuth single crystal planes. <i>Journal of Electroanalytical Chemistry</i> , 1998 , 449, 153-163	4.1	6
35	Separator Materials Influence on Supercapacitors Performance in Viscous Electrolytes. <i>ECS Transactions</i> , 2015 , 64, 41-49	1	5
34	Polymorphic Behavior and Morphology of Electrospun Poly(Vinylidene Fluoride) Separator Materials for Non-Aqueous Electrolyte Based Electric Double Layer Capacitors. <i>ECS Transactions</i> , 2013 , 50, 49-58	1	5
33	Electrochemical Characteristics of Titanium Carbide Derived Carbon 1-Ethyl-3-Methylimidazolium Tetrafluoroborate Electrical Double Layer Capacitors. <i>ECS Transactions</i> , 2009 , 25, 15-23	1	5
32	Micro- and Mesoporous Carbon Based Electrode Materials for Electrical Double Layer Capacitors. <i>ECS Transactions</i> , 2007 , 6, 269-278	1	5
31	Adsorption kinetics of d-ribose on the bismuth(0 0 1) plane. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 548, 27-39	4.1	5
30	Low Temperature Performance of Electrochemical Double-Layer Capacitor based on Electrospun Half-Cells. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A5031-A5036	3.9	4
29	Effect of Zinc Chloride Activation on D-Glucose Derived Carbons Based Capacitors Performance in Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 080533	3.9	4
28	Supercapacitors Based on Mixture of Room Temperature Ionic Liquids Containing Specifically Adsorbed Iodide Anions. <i>ECS Transactions</i> , 2015 , 64, 1-11	1	4

27	Fluoroethylene Carbonate and Propylene Carbonate Mixtures Based Electrolytes for Supercapacitors. <i>ECS Transactions</i> , 2014 , 58, 71-79	1	4
26	Electrochemical Behavior of Carbide Derived Carbons in LiPF ₆ and LiCF ₃ SO ₃ Nonaqueous Electrolytes. <i>ECS Transactions</i> , 2010 , 28, 65-75	1	4
25	Adsorption of 1-heptanol on bismuth single-crystal plane electrodes. <i>Journal of Solid State Electrochemistry</i> , 2003 , 7, 189-200	2.6	4
24	Adsorption of 1-pentanol on bismuth single-crystal plane electrodes. <i>Journal of Solid State Electrochemistry</i> , 1999 , 3, 277-287	2.6	4
23	Application of Some Carbon Fabrics as Outstanding Supercapacitor Electrode Materials in Acetonitrile Based Electrolyte. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A453-A460	3.9	3
22	Steam and Carbon Dioxide Co-Activated Silicon Carbide-Derived Carbons for High Power Density Electrical Double Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A2357-A2364	3.9	3
21	Glycine-Nitrate Process for Synthesis of Na ₃ V ₂ (PO ₄) ₃ Cathode Material and Optimization of Glucose-Derived Hard Carbon Anode Material for Characterization in Full Cells. <i>Batteries</i> , 2019 , 5, 56	5.7	3
20	Synthesis and Characterization of Na ₃ V ₂ (PO ₄) ₂ F ₃ Based Cathode Material for Sodium Ion Batteries. <i>ECS Transactions</i> , 2015 , 69, 27-36	1	3
19	Comparison of Electrospun and Commercially Available Separator Materials for Supercapacitors. <i>ECS Transactions</i> , 2009 , 19, 23-32	1	3
18	Adsorption of 2-methyl-2-butanol on bismuth single crystal planes. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 515, 33-44	4.1	3
17	Iodide ion containing ionic liquid mixture based asymmetrical capacitor performance. <i>Journal of Energy Storage</i> , 2020 , 32, 101845	7.8	3
16	Hydrogen adsorption properties of carbide-derived carbons at ambient temperature and high pressure. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 15761-15772	6.7	3
15	Enhanced Power Performance of Highly Mesoporous Sol-Gel TiC Derived Carbons in Ionic Liquid and Non-Aqueous Electrolyte Based Capacitors. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2887-A2895	3.9	2
14	Supercapacitors Based on Propylene Carbonate Solution Operating from -45 °C to 100 °C. <i>ECS Transactions</i> , 2015 , 64, 31-40	1	2
13	Advanced nanostructured carbon materials for electrical double layer capacitors. <i>Journal of Physics: Conference Series</i> , 2007 , 93, 012002	0.3	2
12	The zero charge potential shift upon adsorption of various organic compounds at bismuth solution interface. <i>Electrochimica Acta</i> , 1999 , 45, 935-943	6.7	2
11	Carbide-Derived Carbons: WAXS and Raman Spectra for Detailed Structural Analysis. <i>Journal of Carbon Research</i> , 2021 , 7, 29	3.3	2
10	Zn(ClO ₄) ₂ aqueous solution Based Zn thin foil carbon cloth two-electrode single-cell characteristics. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 101-108	2.6	2

9	Carbon materials for supercapacitor application by hydrothermal carbonization of D-glucose. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 49, 012020	0.4	1
8	Surface analysis of supercapacitor electrodes after long-lasting constant current tests. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 49, 012006	0.4	1
7	Comparative Study of Using Chlorine and Hydrogen Chloride for Synthesis of Titanium Carbide Derived Carbon. <i>ECS Transactions</i> , 2013 , 50, 3-12	1	1
6	Replacing Chlorine with Hydrogen Chloride as a Possible Reactant for Synthesis of Titanium Carbide Derived Carbon Powders for High-Technology Devices. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 49, 012018	0.4	1
5	Characterization of Activated Nanoporous Carbon as Electrical Double Layer Capacitor Electrode Materials. <i>ECS Transactions</i> , 2006 , 3, 39-48	1	1
4	Electrochemical Characteristics of Zn-Ion Hybrid Supercapacitors Based on Aqueous Solution of Different Electrolytes. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 020512	3.9	1
3	Bis(trifluoromethanesulfonyl)imide Metallic Salts Based Electrolytes for Electrochemical Capacitor Application: Theoretical vs Experimental Performance. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 070528	3.9	1
2	D-Glucose Derived Micro/Mesoporous Carbons for Ultra-High Rate Supercapacitor Application. <i>ECS Transactions</i> , 2014 , 58, 3-12	1	
1	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. <i>ECS Meeting Abstracts</i> , 2021 , MA2021-02, 123-123 ⁰		