

# Anthony F Hollenkamp

## List of Publications by Year in descending order

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115  
papers

9,410  
citations

81900

39  
h-index

37204

96  
g-index

117  
all docs

117  
docs citations

117  
times ranked

11877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon properties and their role in supercapacitors. <i>Journal of Power Sources</i> , 2006, 157, 11-27.	7.8	3,593
2	In situ NMR observation of the formation of metallic lithium microstructures in lithium batteries. <i>Nature Materials</i> , 2010, 9, 504-510.	27.5	650
3	High Lithium Metal Cycling Efficiency in a Room-Temperature Ionic Liquid. <i>Electrochemical and Solid-State Letters</i> , 2004, 7, A97.	2.2	454
4	Emerging electrochemical energy conversion and storage technologies. <i>Frontiers in Chemistry</i> , 2014, 2, 79.	3.6	304
5	Lithium–sulfur batteries—the solution is in the electrolyte, but is the electrolyte a solution?. <i>Energy and Environmental Science</i> , 2014, 7, 3902-3920.	30.8	289
6	A Review on Battery Market Trends, Second-Life Reuse, and Recycling. <i>Sustainable Chemistry</i> , 2021, 2, 167-205.	4.7	197
7	Study of the Initial Stage of Solid Electrolyte Interphase Formation upon Chemical Reaction of Lithium Metal and <i>N</i> -Methyl- <i>N</i> -Propyl-Pyrrolidinium-Bis(Fluorosulfonyl)Imide. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19789-19797.	3.1	178
8	Expansion-tolerant architectures for stable cycling of ultrahigh-loading sulfur cathodes in lithium-sulfur batteries. <i>Science Advances</i> , 2020, 6, eaay2757.	10.3	152
9	Suppressed Polysulfide Crossover in Li–S Batteries through a High-Flux Graphene Oxide Membrane Supported on a Sulfur Cathode. <i>ACS Nano</i> , 2016, 10, 7768-7779.	14.6	144
10	Chemical Bonding and Physical Trapping of Sulfur in Mesoporous Magn@Ti <sub>4</sub> O <sub>7</sub> Microspheres for High-Performance Li–S Battery. <i>Advanced Energy Materials</i> , 2017, 7, 1601616.	19.5	130
11	Thermal Behavior of Ionic Liquids Containing the FSI Anion and the Li <sup>+</sup> Cation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21840-21847.	3.1	126
12	Ionic Liquids with the Bis(fluorosulfonyl)imide Anion: Electrochemical Properties and Applications in Battery Technology. <i>Journal of the Electrochemical Society</i> , 2010, 157, A903.	2.9	123
13	Application of the <i>N</i> -propyl- <i>N</i> -methyl-pyrrolidinium Bis(fluorosulfonyl)imide RTIL Containing Lithium Bis(fluorosulfonyl)imide in Ionic Liquid Based Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2010, 157, A66.	2.9	112
14	Voltammetric Determination of the Iodide/Iodine Formal Potential and Triiodide Stability Constant in Conventional and Ionic Liquid Media. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22392-22403.	3.1	102
15	High Reversible Pseudocapacity in Mesoporous Yolk–Shell Anatase TiO <sub>2</sub> /TiO <sub>2</sub> (B) Microspheres Used as Anodes for Li-Ion Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1703270.	14.9	99
16	Enhanced manganese dioxide supercapacitor electrodes produced by electrodeposition. <i>Journal of Power Sources</i> , 2011, 196, 7847-7853.	7.8	93
17	Ionic Liquid Electrolyte for Lithium Metal Batteries: Physical, Electrochemical, and Interfacial Studies of <i>N</i> -Methyl- <i>N</i> -butylmorpholinium Bis(fluorosulfonyl)imide. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21775-21785.	3.1	92
18	Effect of LiNO <sub>3</sub> additive and pyrrolidinium ionic liquid on the solid electrolyte interphase in the lithium–sulfur battery. <i>Journal of Power Sources</i> , 2015, 295, 212-220.	7.8	92

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19	A Comparative Testing Study of Commercial 18650-Format Lithium-Ion Battery Cells. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1592-A1600.	2.9	84
20	Extensive charge/discharge cycling of lithium metal electrodes achieved using ionic liquid electrolytes. <i>Electrochemistry Communications</i> , 2013, 27, 69-72.	4.7	70
21	Conduction in ionic organic plastic crystals: The role of defects. <i>Solid State Ionics</i> , 2006, 177, 2569-2573.	2.7	62
22	The electrochemistry of lithium in ionic liquid/organic diluent mixtures. <i>Electrochimica Acta</i> , 2010, 55, 8947-8952.	5.2	62
23	The Influence of Conductive Additives and Interparticle Voids in Carbon EDLC Electrodes. <i>Fuel Cells</i> , 2010, 10, 856-864.	2.4	62
24	Structure, morphology and electrochemical behaviour of manganese oxides prepared by controlled decomposition of permanganate. <i>Journal of Power Sources</i> , 2010, 195, 367-373.	7.8	62
25	Electrolytes for Lithium (Sodium) Batteries Based on Ionic Liquids: Highlighting the Key Role Played by the Anion. <i>Batteries and Supercaps</i> , 2020, 3, 793-827.	4.7	62
26	Optimising organic ionic plastic crystal electrolyte for all solid-state and higher than ambient temperature lithium batteries. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1841-1848.	2.5	59
27	Premature capacity loss in lead/acid batteries: a discussion of the antimony-free effect and related phenomena. <i>Journal of Power Sources</i> , 1991, 36, 567-585.	7.8	58
28	A molecular dynamics simulation study of LiFePO <sub>4</sub> /electrolyte interfaces: structure and Li <sup>+</sup> transport in carbonate and ionic liquid electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9884.	2.8	55
29	Prospects for a widely applicable reference potential scale in ionic liquids based on ideal reversible reduction of the cobaltocenium cation. <i>Electrochemistry Communications</i> , 2008, 10, 250-254.	4.7	54
30	Electrochemically active surface area effects on the performance of manganese dioxide for electrochemical capacitor applications. <i>Electrochimica Acta</i> , 2013, 104, 140-147.	5.2	53
31	When is capacity loss in lead/acid batteries "premature"? <i>Journal of Power Sources</i> , 1996, 59, 87-98.	7.8	51
32	Cycling and rate performance of Li <sup>+</sup> /LiFePO <sub>4</sub> cells in mixed FSI/TFSI room temperature ionic liquids. <i>Journal of Power Sources</i> , 2010, 195, 2029-2035.	7.8	49
33	Ionic transport through a composite structure of N-ethyl-N-methylpyrrolidinium tetrafluoroborate organic ionic plastic crystals reinforced with polymer nanofibres. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6038-6052.	10.3	47
34	Effect of zwitterion on the lithium solid electrolyte interphase in ionic liquid electrolytes. <i>Journal of Power Sources</i> , 2008, 184, 288-296.	7.8	45
35	On the role of cyclic unsaturated additives on the behaviour of lithium metal electrodes in ionic liquid electrolytes. <i>Electrochimica Acta</i> , 2010, 55, 2210-2215.	5.2	44
36	Realisation of an all solid state lithium battery using solid high temperature plastic crystal electrolytes exhibiting liquid like conductivity. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4597.	2.8	43

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37	Applications of Convolution Voltammetry in Electroanalytical Chemistry. <i>Analytical Chemistry</i> , 2014, 86, 2073-2081.	6.5	42
38	Framework-mediated synthesis of highly microporous onion-like carbon: energy enhancement in supercapacitors without compromising power. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2519-2529.	10.3	42
39	Understanding the Morphological Changes of Lithium Surfaces during Cycling in Electrolyte Solutions of Lithium Salts in an Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1171-A1180.	2.9	41
40	N-doped Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanoflakes derived from 2D protonated titanate for high performing anodes in lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7772-7780.	10.3	39
41	Stable Cycling of Lithium Batteries Using Novel Boronium-Cation-Based Ionic Liquid Electrolytes. <i>Chemistry of Materials</i> , 2010, 22, 1038-1045.	6.7	38
42	Cycle stability of birnessite manganese dioxide for electrochemical capacitors. <i>Electrochimica Acta</i> , 2010, 55, 7470-7478.	5.2	37
43	Voltammetric, coulometric, mercury-199 NMR, and other studies characterizing new and unusual mercury complexes produced by electrochemical oxidation of mercury(II) diethyldithiocarbamate. Crystal and molecular structure of octakis(N,N-diethyldithiocarbamate)pentamercury(II) perchlorate. <i>Journal of the American Chemical Society</i> , 1987, 109, 1969-1980.	13.7	35
44	Effect of Anion on Behaviour of Li-S Battery Electrolyte Solutions Based on N-Methyl-N-Butyl-Pyrrolidinium Ionic Liquids. <i>Electrochimica Acta</i> , 2015, 180, 636-644.	5.2	35
45	Ordered Mesoporous Graphitic Carbon/Iron Carbide Composites with High Porosity as a Sulfur Host for Li-S Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13194-13204.	8.0	34
46	Electrode Reaction and Mass-Transport Mechanisms Associated with the Iodide/Triiodide Couple in the Ionic Liquid 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22439-22449.	3.1	33
47	Ionic liquids and plastic crystals with a symmetrical pyrrolidinium cation. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1207-1214.	5.9	33
48	Electrochemistry of Iodide, Iodine, and Iodine Monochloride in Chloride Containing Nonhaloaluminate Ionic Liquids. <i>Analytical Chemistry</i> , 2016, 88, 1915-1921.	6.5	32
49	Plastic Crystals Utilising Small Ammonium Cations and Sulfonylimide Anions as Electrolytes for Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 070529.	2.9	31
50	A new family of ionic liquids based on N,N-dialkyl-3-azabicyclo[3.2.2]nonanium cations: organic plastic crystal behaviour and highly reversible lithium metal electrodeposition. <i>Chemical Communications</i> , 2007, , 5226.	4.1	29
51	Rapid SECM probing of dissolution of LiCoO <sub>2</sub> battery materials in an ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2012, 687, 30-34.	3.8	29
52	Effect of secondary phase on thermal behaviour and solid-state ion conduction in lithium doped N-ethyl-N-methylpyrrolidinium tetrafluoroborate organic ionic plastic crystal. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24909-24919.	10.3	28
53	Synthesis of monodispersed CoMoO <sub>4</sub> nanoclusters on the ordered mesoporous carbons for environment-friendly supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151841.	5.5	28
54	Organic salts utilising the hexamethylguanidinium cation: the influence of the anion on the structural, physical and thermal properties. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12288-12300.	2.8	28

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55	Electrochemical investigation of corrosion in CO <sub>2</sub> capture plants—Influence of amines. <i>Electrochimica Acta</i> , 2013, 110, 511-516.	5.2	27
56	Investigating discharge performance and Mg interphase properties of an Ionic Liquid electrolyte based Mg-air battery. <i>Electrochimica Acta</i> , 2017, 235, 270-279.	5.2	27
57	Separator Design Variables and Recommended Characterization Methods for Viable Lithium—Sulfur Batteries. <i>Advanced Materials Technologies</i> , 2021, 6, 2001136.	5.8	26
58	An Azo-Spiro Mixed Ionic Liquid Electrolyte for Lithium Metal—LiFePO <sub>4</sub> Batteries. <i>Journal of the Electrochemical Society</i> , 2010, 157, A876.	2.9	25
59	A new approach to very high lithium salt content quasi-solid state electrolytes for lithium metal batteries using plastic crystals. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25389-25398.	10.3	25
60	Concentration and electrode material dependence of the voltammetric response of iodide on platinum, glassy carbon and boron-doped diamond in the room temperature ionic liquid 1-ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. <i>Electrochimica Acta</i> , 2013, 109, 554-561.	5.2	24
61	Mass Transport Studies and Hydrogen Evolution at a Platinum Electrode Using Bis(trifluoromethanesulfonyl)imide as the Proton Source in Ionic Liquids and Conventional Solvents. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29663-29673.	3.1	24
62	A comparative AFM study of the interfacial nanostructure in imidazolium or pyrrolidinium ionic liquid electrolytes for zinc electrochemical systems. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29337-29347.	2.8	24
63	A symmetrical ionic liquid/Li salt system for rapid ion transport and stable lithium electrochemistry. <i>Chemical Communications</i> , 2018, 54, 3660-3663.	4.1	24
64	Comparison of Diffusivity Data Derived from Electrochemical and NMR Investigations of the SeCN <sup>-</sup> /(SeCN) <sub>2</sub> /(SeCN) <sub>3</sub> <sup>-</sup> System in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6843-6852.	2.6	23
65	Active mass analysis on thin films of electrodeposited manganese dioxide for electrochemical capacitors. <i>Electrochimica Acta</i> , 2013, 87, 133-139.	5.2	23
66	Electrochemical Proton Reduction and Equilibrium Acidity ( $pK_a$ ) in Aprotic Ionic Liquids: Protonated Amines and Sulfonamide Acids. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21828-21839.	3.1	23
67	Advantages Available in the Application of the Semi-Integral Electroanalysis Technique for the Determination of Diffusion Coefficients in the Highly Viscous Ionic Liquid 1-Methyl-3-Octylimidazolium Hexafluorophosphate. <i>Analytical Chemistry</i> , 2013, 85, 2239-2245.	6.5	22
68	An unexpected stoichiometric effect in both solution and solid state in mercury-rich dithiocarbamate cation chemistry: crystal and molecular structure of polymeric tris(piperidinecarbodithioato)dimercury(II) perchlorate. <i>Inorganic Chemistry</i> , 1991, 30, 192-197.	4.0	21
69	Unexpected Complexity in the Electro-Oxidation of Iodide on Gold in the Ionic Liquid 1-Ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. <i>Analytical Chemistry</i> , 2013, 85, 11319-11325.	6.5	21
70	Monodisperse mesoporous anatase beads as high performance and safer anodes for lithium ion batteries. <i>Nanoscale</i> , 2015, 7, 17947-17956.	5.6	21
71	Optimising the concentration of LiNO <sub>3</sub> additive in C <sub>4</sub> mpyr-TFSI electrolyte-based Li-S battery. <i>Electrochimica Acta</i> , 2016, 222, 257-263.	5.2	20
72	Permselective membranes in lithium—sulfur batteries. <i>Current Opinion in Chemical Engineering</i> , 2017, 16, 31-38.	7.8	20

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73	Electrolyte stratification in lead/acid batteries: Effect of grid antimony and relationship to capacity loss. <i>Journal of Power Sources</i> , 1993, 46, 239-250.	7.8	19
74	47-Electron Organometallic Clusters Derived by Chemical and Electrochemical Oxidation of Trihydrido(alkylidyne)triruthenium and -triosmium Clusters. <i>Ligand Additivity in Metal Clusters. Organometallics</i> , 1998, 17, 872-886.	2.3	19
75	Chronoamperometric Versus Galvanostatic Preparation of Manganese Oxides for Electrochemical Capacitors. <i>Journal of the Electrochemical Society</i> , 2011, 158, A1160.	2.9	19
76	Development of new solid-state electrolytes based on a hexamethylguanidinium plastic crystal and lithium salts. <i>Electrochimica Acta</i> , 2020, 357, 136863.	5.2	19
77	Mass Transport Properties of Manganese Dioxide Phases for Use in Electrochemical Capacitors: Structural Effects on Solid State Diffusion. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1219-A1231.	2.9	18
78	Roles of Additives in the Trihexyl(tetradecyl) Phosphonium Chloride Ionic Liquid Electrolyte for Primary Mg-Air Cells. <i>Journal of the Electrochemical Society</i> , 2014, 161, A974-A980.	2.9	17
79	The influence of alkyl chain branching on the properties of pyrrolidinium-based ionic electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18102-18113.	2.8	17
80	Electrochemical generation of soluble and reactive cadmium, lead, and thallium cations in noncoordinating solvents. Relative strengths of perchlorate, tetrafluoroborate, and hexafluorophosphate ligation in dichloromethane and benzene. <i>Journal of the American Chemical Society</i> , 1988, 110, 5293-5297.	13.7	16
81	Large Amplitude Electrochemical Impedance Spectroscopy for Characterizing the Performance of Electrochemical Capacitors. <i>Journal of the Electrochemical Society</i> , 2014, 161, A648-A656.	2.9	16
82	Electrochemical Proton Reduction and Equilibrium Acidity ( $pK_a$ ) in Aprotic Ionic Liquids: Phenols, Carboxylic Acids, and Sulfonic Acids. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21840-21851.	3.1	16
83	A Hybrid Anion for Ionic Liquid and Battery Electrolyte Applications: Half Triflamide, Half Carbonate. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4390-4394.	13.8	16
84	Analytical and mechanistic aspects of the electrochemical oxidation of keto steroids derivatized with phenylhydrazine, (4-nitrophenyl)hydrazine, and (2,4-dinitrophenyl)hydrazine. <i>Analytical Chemistry</i> , 1988, 60, 1023-1027.	6.5	15
85	Ultrasonication during the Synthesis of Manganese Oxides for Electrochemical Capacitors. <i>Journal of the Electrochemical Society</i> , 2010, 157, A551.	2.9	15
86	Energy harvesting from amine-based CO <sub>2</sub> capture: proof-of-concept based on mono-ethanolamine. <i>Fuel</i> , 2020, 263, 116661.	6.4	15
87	CO <sub>2</sub> regenerative battery for energy harvesting from ammonia-based post-combustion CO <sub>2</sub> capture. <i>Applied Energy</i> , 2019, 247, 417-425.	10.1	14
88	Performance of lead/acid batteries in remote-area power-supply applications. <i>Journal of Power Sources</i> , 1991, 35, 385-394.	7.8	12
89	Benefits of controlling plate-group expansion: opening the door to advanced lead/acid batteries. <i>Journal of Power Sources</i> , 1997, 67, 27-32.	7.8	12
90	N-alkylation of N-heterocyclic ionic liquid precursors in ionic liquids. <i>Green Chemistry</i> , 2009, 11, 804.	9.0	12

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91	Effects of alternating current on Li-ion battery performance: Monitoring degradative processes with in-situ characterization techniques. <i>Applied Energy</i> , 2021, 284, 116192.	10.1	11
92	Reversible electrode processes involving multistep mechanisms for cadmium dithiocarbamates and diselenocarbamates at mercury electrodes. <i>Inorganic Chemistry</i> , 1985, 24, 1591-1597.	4.0	10
93	Predicting properties of new ionic liquids: density functional theory and experimental studies of tetra-alkylammonium salts of (thio)carboxylate anions, $\text{RCO}_2^-$ , $\text{RCOS}^-$ and $\text{RCS}_2^-$ . <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 10729.	2.8	10
94	Designing Solid-State Electrolytes through the Structural Modification of a High-Performing Ionic Liquid. <i>ChemElectroChem</i> , 2020, 7, 4118-4123.	3.4	10
95	Molecular weight and mercury-199 NMR studies on mercury-rich cations produced from mercury(II) dithiocarbamates. <i>Inorganica Chimica Acta</i> , 1990, 168, 233-236.	2.4	9
96	High capacity polycarbazole-sulfur cathode for use in lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2021, 391, 138898.	5.2	9
97	Examination of mercury dithiocarbamate-trialkylphosphine mixed-ligand complexes by electrochemical techniques at mercury electrodes and multinuclear magnetic resonance spectroscopy. <i>Inorganic Chemistry</i> , 1986, 25, 1519-1526.	4.0	7
98	Aging Effects of Twice Line Frequency Ripple on Lithium Iron Phosphate ( $\text{LiFePO}_4$ ) Batteries. , 2019, , .		7
99	NMR and electrochemical investigation of the redox and exchange reactions of tellurium(II) and tellurium(IV) dithiocarbamate complexes. <i>Inorganic Chemistry</i> , 1989, 28, 1510-1515.	4.0	6
100	Comparing the Physicochemical, Electrochemical, and Structural Properties of Boronium versus Pyrrolidinium Cation-Based Ionic Liquids and Their Performance as Li-Ion Battery Electrolytes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8055-8067.	3.1	6
101	Towards Li-Air and Li-S Batteries: Understanding the Morphological Changes of Lithium Surfaces during Cycling at a Range of Current Densities in an Ionic Liquid Electrolyte. <i>ECS Transactions</i> , 2013, 50, 383-401.	0.5	5
102	In Situ Synchrotron XRD and sXAS Studies on Li-S Batteries with Ionic-Liquid and Organic Electrolytes. <i>Journal of the Electrochemical Society</i> , 2020, 167, 100526.	2.9	5
103	Impact of high-amplitude alternating current on $\text{LiFePO}_4$ battery life performance: Investigation of AC-preheating and microcycling effects. <i>Applied Energy</i> , 2022, 314, 118940.	10.1	5
104	Lead-207 NMR, mass spectrometric, and electrochemical studies on labile lead(II) dithiocarbamate complexes: formation of mixed mercury-lead complexes at a mercury electrode in dichloromethane solution. <i>Inorganic Chemistry</i> , 1990, 29, 1991-1995.	4.0	4
105	Comment on "A Comparative Testing Study of Commercial 18650-Format Lithium-Ion Battery Cells" [ <i>i&gt;</i> ]. <i>Electrochem. Soc.</i> , 162, A1592 (2015)]. <i>Journal of the Electrochemical Society</i> , 2015, 162, Y11-Y12.	2.9	4
106	Tellurium-125 nuclear magnetic resonance and electrochemical investigation of exchange and redox reactions of organotellurium(IV) dithiolate and organotellurium(II) complexes occurring in solution and at electrode surfaces. <i>Organometallics</i> , 1991, 10, 3310-3319.	2.3	3
107	Fabrication and electrochemical properties of well-dispersed molybdenum oxide nanoparticles into nitrogen-doped ordered mesoporous carbons for supercapacitors. <i>Materials Research Express</i> , 2019, 6, 105088.	1.6	3
108	Electrochemically Controlled Deposition of Ultrathin Polymer Electrolyte on Complex Microbattery Electrode Architectures. <i>Journal of the Electrochemical Society</i> , 2019, 166, A5462-A5469.	2.9	3



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109	The phase definition and electrochemical property of cobalt-oxide nanoclusters supported on structured carbons. <i>Materials Letters</i> , 2020, 271, 127788.	2.6	3
110	Sustainable cyanide-C60 fullerene cathode to suppress the lithium polysulfides in a lithium-sulfur battery. <i>Sustainable Materials and Technologies</i> , 2022, 32, e00403.	3.3	3
111	Mounting of lead/acid battery positive-plate materials in epoxy matrices: an investigation of instances of excessive heating. <i>Journal of Power Sources</i> , 1992, 40, 365-369.	7.8	2
112	Conjugated Microporous Polycarbazole-Sulfur Cathode Used in a Lithium-Sulfur Battery. <i>Journal of the Electrochemical Society</i> , 2021, 168, 110542.	2.9	2
113	Electroanalytical Applications of Semiintegral and Convolution Voltammetry in Room-Temperature Ionic Liquids. , 2015, , 143-167.		1
114	Ein Hybrid-Anion für ionische Flüssigkeiten und Batterieelektrolytanwendungen: Halb Triflamid, halb Carbonat. <i>Angewandte Chemie</i> , 2019, 131, 4435-4439.	2.0	0
115	Electrochemically Mediated Energy Harvesting from Ammonia Based Post-Combustion CO2 Capture Process. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0