

# Pu Chen

## List of Publications by Year in Descending Order

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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.

207  
papers

7,741  
citations

49  
h-index

79  
g-index

217  
ext. papers

8,870  
ext. citations

6.8  
avg, IF

6.33  
L-index

#	Paper	IF	Citations
207	Targeted delivery of cancer drug paclitaxel to chordomas tumor cells via an RNA nanoparticle harboring an EGFR aptamer.. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2022</b> , 212, 112366	6	1
206	Super-assembly of freestanding graphene oxide-aramid fiber membrane with T-mode subnanochannels for sensitive ion transport.. <i>Analyst, The</i> , <b>2022</b> ,	5	2
205	Heterovalent oxynitride GaZnON nanowire as novel flexible anode for lithium-ion storage. <i>Electrochimica Acta</i> , <b>2022</b> , 408, 139931	6.7	2
204	Enhanced electrochemical properties of LiMn <sub>2</sub> O <sub>4</sub> cathode by adding halloysite nanotubes as additive. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 276, 125331	4.4	
203	Evaluating equilibrium and kinetics of CO <sub>2</sub> and N <sub>2</sub> adsorption into amine-functionalized metal-substituted MIL-101 frameworks using molecular simulation. <i>Fuel</i> , <b>2022</b> , 308, 121965	7.1	2
202	Interfacial Superassembly of Mesoporous Titania Nanopillar-Arrays/Alumina Oxide Heterochannels for Light- and pH-Responsive Smart Ion Transport.. <i>ACS Central Science</i> , <b>2022</b> , 8, 361-369	16.8	2
201	Strategies for improving the safety and RNAi efficacy of noncovalent peptide/siRNA nanocomplexes.. <i>Advances in Colloid and Interface Science</i> , <b>2022</b> , 302, 102638	14.3	0
200	Super-Assembled Hierarchical and Stable N-Doped Carbon Nanotube Nanoarrays for Dendrite-Free Lithium Metal Batteries. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 815-824	6.1	3
199	Effect of Aspect Ratio of Whisker on the Fibrillation of Liquid Crystalline Polymer in Polysulfone Matrix. <i>International Polymer Processing</i> , <b>2022</b> , 22, 166-172	1	
198	Amphiphilic-Molecular Templated Porous $\gamma$ -MnO <sub>2</sub> for High-Performance Rechargeable Aqueous Zn-MnO <sub>2</sub> Batteries. <i>Electrochimica Acta</i> , <b>2022</b> , 140646	6.7	1
197	Super-assembled silica nanoproboscopes for intracellular Zn(II) sensing and reperfusion injury treatment through MOF crystallization. <i>Analyst, The</i> , <b>2021</b> , 146, 6788-6797	5	0
196	Super-Assembled Periodic Mesoporous Organosilica Frameworks for Real-Time Hypoxia-Triggered Drug Release and Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 50246-50257	9.5	0
195	Superassembled Red Phosphorus Nanorod/Reduced Graphene Oxide Microflowers as High-Performance Lithium-Ion Battery Anodes. <i>Advanced Engineering Materials</i> , <b>2021</b> , 23, 2001507	3.5	3
194	Sequential Superassembly of Nanofiber Arrays to Carbonaceous Ordered Mesoporous Nanowires and Their Heterostructure Membranes for Osmotic Energy Conversion. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6922-6932	16.4	15
193	Super-Assembled Hierarchical CoO Nanosheets-Cu Foam Composites as Multi-Level Hosts for High-Performance Lithium Metal Anodes. <i>Small</i> , <b>2021</b> , 17, e2101301	11	15
192	Highly efficient dendrite suppressor and corrosion inhibitor based on gelatin/Mn <sup>2+</sup> Co-additives for aqueous rechargeable zinc-manganese dioxide battery. <i>Chemical Engineering Journal</i> , <b>2021</b> , 407, 127189	14.7	13
191	Hierarchical Design in LiMn <sub>2</sub> O <sub>4</sub> Particles for Advanced Hybrid Aqueous Batteries. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 7759-7766	6.1	1

190	Interfacial Super-Assembly of Nanofluidic Heterochannels from Layered Graphene and Alumina Oxide Arrays for Label-Free Histamine-Specific Detection. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2982-2987	7.8	8
189	Evaluation of the Stability of Carbon Conductor in the Cathode of Aqueous Rechargeable Lithium Batteries against Overcharging. <i>Batteries</i> , <b>2020</b> , 6, 59	5.7	1
188	Phenazine-based organic cathode for aqueous zinc secondary batteries. <i>Journal of Power Sources</i> , <b>2020</b> , 468, 228401	8.9	40
187	Functioning Mechanism of the Secondary Aqueous Zn-EMnO Battery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 12834-12846	9.5	40
186	Therapeutic potential of a cell penetrating peptide (CPP, NP1) mediated siRNA delivery: Evidence in 3D spheroids of colon cancer cells. <i>Canadian Journal of Chemical Engineering</i> , <b>2020</b> , 98, 1240-1254	2.3	7
185	Stimuli-responsive zein-based nanoparticles as a potential carrier for ellipticine: Synthesis, release, and in vitro delivery. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 2007-2019	3.2	3
184	Super-assembled core-shell mesoporous silica-metal-phenolic network nanoparticles for combinatorial photothermal therapy and chemotherapy. <i>Nano Research</i> , <b>2020</b> , 13, 1013-1019	10	35
183	Mn <sup>2+</sup> Ions Confined by Electrode Microskin for Aqueous Battery beyond Intercalation Capacity. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2002578	21.8	11
182	Biomolecule-guided cation regulation for dendrite-free metal anodes. <i>Science Advances</i> , <b>2020</b> , 6, eabb13423	14.3	56
181	Mechanistic Insights into the Cytotoxicity of Graphene Oxide Derivatives in Mammalian Cells. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 2247-2260	4	8
180	Efficient removal of naphthalene from aqueous solutions using a nanoporous kaolin/Fe <sub>3</sub> O <sub>4</sub> composite. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 17, 1991-2002	3.3	11
179	Artificial Blood Vessel Frameworks from 3D Printing-Based Super-Assembly as In Vitro Models for Early Diagnosis of Intracranial Aneurysms. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 3188-3198	9.6	5
178	Thixotropic gel electrolyte containing poly(ethylene glycol) with high zinc ion concentration for the secondary aqueous Zn/LiMn <sub>2</sub> O <sub>4</sub> battery. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 836, 1-6	4.1	38
177	Insight into the role of cholesterol in modulation of morphology and mechanical properties of CHO-K1 cells: An in situ AFM study. <i>Frontiers of Chemical Science and Engineering</i> , <b>2019</b> , 13, 98-107	4.5	4
176	Histidine-Rich Cell-Penetrating Peptide for Cancer Drug Delivery and Its Uptake Mechanism. <i>Langmuir</i> , <b>2019</b> , 35, 3513-3523	4	22
175	Surface-assisted assembly of a histidine-rich lipidated peptide for simultaneous exfoliation of graphite and functionalization of graphene nanosheets. <i>Nanoscale</i> , <b>2019</b> , 11, 2999-3012	7.7	22
174	In vitro investigation of anticancer efficacy of carboplatin-loaded PEGylated nanoliposome particles on brain cancer cell lines. <i>Journal of Nanoparticle Research</i> , <b>2019</b> , 21, 1	2.3	12
173	Superassembled Biocatalytic Porous Framework Micromotors with Reversible and Sensitive pH-Speed Regulation at Ultralow Physiological H <sub>2</sub> O <sub>2</sub> Concentration. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808900	15.6	48

172	Enhancing anti-cancer efficacy of carboplatin by PEGylated poly(butyl cyanoacrylate) nano-particles. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 54, 101218	4.5	7
171	Interfacial Super-Assembled Porous CeO <sub>2</sub> /C Frameworks Featuring Efficient and Sensitive Decomposing Li <sub>2</sub> O <sub>2</sub> for Smart Li <sub>2</sub> O <sub>2</sub> Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901751	21.8	53
170	Electrolyte engineering for a highly stable, rechargeable hybrid aqueous battery. <i>Journal of Energy Storage</i> , <b>2019</b> , 26, 100920	7.8	9
169	Li <sub>2</sub> O <sub>2</sub> Batteries: Interfacial Super-Assembled Porous CeO <sub>2</sub> /C Frameworks Featuring Efficient and Sensitive Decomposing Li <sub>2</sub> O <sub>2</sub> for Smart Li <sub>2</sub> O <sub>2</sub> Batteries (Adv. Energy Mater. 40/2019). <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1970157	21.8	2
168	Artificial solid electrolyte interphase for thermally stable rechargeable aqueous zinc batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 441, 227171	8.9	7
167	Fabrication of Zinc Anodes for Aqueous Lithium-Ion Batteries by Supersonic Cold Spraying. <i>ChemElectroChem</i> , <b>2019</b> , 6, 1333-1337	4.3	5
166	Scalable porous zinc anode to improve the cycling performance of aqueous lithium energy storage systems. <i>Journal of Energy Storage</i> , <b>2019</b> , 21, 481-488	7.8	9
165	Acrylonitrile copolymer/graphene skinned cathode for long cycle life rechargeable hybrid aqueous batteries at high-temperature. <i>Electrochimica Acta</i> , <b>2018</b> , 268, 248-255	6.7	11
164	Effect of poly (vinylidene fluoride)/poly (vinyl acetate) blend composition as cathode binder on electrochemical performances of aqueous Li-ion battery. <i>Solid State Ionics</i> , <b>2018</b> , 320, 84-91	3.3	17
163	Peptide and peptide-carbon nanotube hydrogels as scaffolds for tissue & 3D tumor engineering. <i>Acta Biomaterialia</i> , <b>2018</b> , 69, 107-119	10.8	34
162	Single-Phase Mixed Transition Metal Carbonate Encapsulated by Graphene: Facile Synthesis and Improved Lithium Storage Properties. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705817	15.6	41
161	Controlling the sustainability and shape change of the zinc anode in rechargeable aqueous Zn/LiMn <sub>2</sub> O <sub>4</sub> battery. <i>Energy Storage Materials</i> , <b>2018</b> , 15, 131-138	19.4	48
160	Improved performance of the rechargeable hybrid aqueous battery at near full state-of-charge. <i>Electrochimica Acta</i> , <b>2018</b> , 271, 481-489	6.7	4
159	Effect of fumed silica concentration and separator type on the electrochemical performance of gel electrolyte in the rechargeable hybrid aqueous battery. <i>Materials Today Energy</i> , <b>2018</b> , 8, 73-79	7	3
158	Functional Control of Peptide Amphiphile Assemblies via Modulation of Internal Cohesion and Surface Chemistry Switch. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13931-13937	4.8	2
157	Introducing Artificial Solid Electrolyte Interphase onto the Anode of Aqueous Lithium Energy Storage Systems. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 30348-30356	9.5	10
156	Surface Adsorption of Polyethylene Glycol to Suppress Dendrite Formation on Zinc Anodes in Rechargeable Aqueous Batteries. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2409-2418	4.3	113
155	Highly Sustainable Zinc Anodes for a Rechargeable Hybrid Aqueous Battery. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1667-1673	4.8	84

154	Unveiling Conversion Reaction on Intercalation-Based Transition Metal Oxides for High Power, High Energy Aqueous Lithium Battery. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1802254	21.8	13
153	Tuning Microstructures of Graphene to Improve Power Capability of Rechargeable Hybrid Aqueous Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 37110-37118	9.5	13
152	Therapeutic Peptide Amphiphile as a Drug Carrier with ATP-Triggered Release for Synergistic Effect, Improved Therapeutic Index, and Penetration of 3D Cancer Cell Spheroids. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	4
151	Suppression of Dendrite Formation and Corrosion on Zinc Anode of Secondary Aqueous Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 9681-9687	9.5	282
150	A dual functional wrapping layer for enhanced cyclic performance of high-loading silicon anodes. <i>Electrochimica Acta</i> , <b>2017</b> , 240, 1-6	6.7	3
149	Sustainable Gel Electrolyte Containing Pyrazole as Corrosion Inhibitor and Dendrite Suppressor for Aqueous Zn/LiMn O Battery. <i>ChemSusChem</i> , <b>2017</b> , 10, 2816-2822	8.3	43
148	Biocompatibility of hydrogel-based scaffolds for tissue engineering applications. <i>Biotechnology Advances</i> , <b>2017</b> , 35, 530-544	17.8	360
147	Characterization and evaluation of a peptide-based siRNA delivery system in vitro. <i>Drug Delivery and Translational Research</i> , <b>2017</b> , 7, 507-515	6.2	12
146	Sustainable gel electrolyte containing Pb <sup>2+</sup> as corrosion inhibitor and dendrite suppressor for the zinc anode in the rechargeable hybrid aqueous battery. <i>Materials Today Energy</i> , <b>2017</b> , 4, 34-40	7	36
145	Performance of Thixotropic Gel Electrolytes in the Rechargeable Aqueous Zn/LiMn <sub>2</sub> O <sub>4</sub> Battery. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 1804-1811	8.3	35
144	Artificial solid electrolyte interphase for aqueous lithium energy storage systems. <i>Science Advances</i> , <b>2017</b> , 3, e1701010	14.3	68
143	Material process development for the fabrication of heterogeneous titanium structures with selective pore morphology by a hybrid additive manufacturing process. <i>Materials and Design</i> , <b>2017</b> , 135, 142-150	8.1	13
142	Novel Carbon Materials in the Cathode Formulation for High Rate Rechargeable Hybrid Aqueous Batteries. <i>Energies</i> , <b>2017</b> , 10, 1844	3.1	6
141	Influence of different silica gelling agents on the performance of aqueous gel electrolytes. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 42, 101-106	6.3	17
140	Novel Rechargeable M <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> //Zinc (M = Li, Na) Hybrid Aqueous Batteries with Excellent Cycling Performance. <i>Scientific Reports</i> , <b>2016</b> , 6, 25809	4.9	84
139	Arginine-rich ionic complementary peptides as potential drug carriers: Impact of peptide sequence on size, shape and cell specificity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 1479-88	6	9
138	An amphipathic lytic peptide for enhanced and selective delivery of ellipticine. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 4348-4355	7.3	4
137	Uptake Mechanism and Direct Translocation of a New CPP for siRNA Delivery. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 1366-74	5.6	23

136	Rechargeable hybrid aqueous batteries using silica nanoparticle doped aqueous electrolytes. <i>Applied Energy</i> , <b>2016</b> , 170, 58-64	10.7	51
135	Enhancing rate performance of LiMn <sub>2</sub> O <sub>4</sub> cathode in rechargeable hybrid aqueous battery by hierarchical carbon nanotube/acetylene black conductive pathways. <i>Ionics</i> , <b>2016</b> , 22, 71-76	2.7	18
134	Self-assembling peptide for co-delivery of HIV-1 CD8+ T cells epitope and Toll-like receptor 7/8 agonists R848 to induce maturation of monocyte derived dendritic cell and augment polyfunctional cytotoxic T lymphocyte (CTL) response. <i>Journal of Controlled Release</i> , <b>2016</b> , 236, 22-30	11.7	27
133	Effect of Cholesterol on Cellular Uptake of Cancer Drugs Pirarubicin and Ellipticine. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 3148-56	3.4	28
132	Supramolecular peptide amphiphile based nanocarrier for pH-triggered Dox release, overcoming drug resistance. <i>RSC Advances</i> , <b>2016</b> , 6, 86943-86946	3.7	4
131	Binder-free flexible LiMn <sub>2</sub> O <sub>4</sub> /carbon nanotube network as high power cathode for rechargeable hybrid aqueous battery. <i>Journal of Power Sources</i> , <b>2016</b> , 326, 498-504	8.9	45
130	Effect of microvascular distribution and its density on interstitial fluid pressure in solid tumors: A computational model. <i>Microvascular Research</i> , <b>2015</b> , 101, 26-32	3.7	20
129	Synthesis and electrochemical properties of LiFePO <sub>4</sub> /graphene composite as a novel cathode material for rechargeable hybrid aqueous battery. <i>Materials Letters</i> , <b>2015</b> , 158, 248-251	3.3	20
128	Adsorption of Surface-Modified Silica Nanoparticles to the Interface of Melt Poly(lactic acid) and Supercritical Carbon Dioxide. <i>Langmuir</i> , <b>2015</b> , 31, 5571-9	4	19
127	Effect of pressure and temperature on interfacial tension of poly lactic acid melt in supercritical carbon dioxide. <i>Thermochimica Acta</i> , <b>2015</b> , 609, 1-6	2.9	20
126	Corrosion chemistry and protection of zinc & zinc alloys by polymer-containing materials for potential use in rechargeable aqueous batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 41677-41691	3.7	64
125	A novel peptide for efficient siRNA delivery in vitro and therapeutics in vivo. <i>Acta Biomaterialia</i> , <b>2015</b> , 21, 74-84	10.8	13
124	The electrochemical performance improvement of LiMn <sub>2</sub> O <sub>4</sub> /Zn based on zinc foil as the current collector and thiourea as an electrolyte additive. <i>Journal of Power Sources</i> , <b>2015</b> , 300, 453-459	8.9	75
123	Recent development of polymer membranes as separators for all-vanadium redox flow batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 72805-72815	3.7	81
122	Co-delivery of drug nanoparticles and siRNA mediated by a modified cell penetrating peptide for inhibiting cancer cell proliferation. <i>RSC Advances</i> , <b>2015</b> , 5, 20554-20556	3.7	7
121	Design and evaluation of endosomolytic biocompatible peptides as carriers for siRNA delivery. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 56-65	5.6	27
120	Nanosilica/carbon composite spheres as anodes in Li-ion batteries with excellent cycle stability. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1476-1482	13	86
119	Effect of mesoporous carbon microtube prepared by carbonizing the poplar catkin on sulfur cathode performance in Li/S batteries. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 619, 298-302	5.7	61

118	Rational modification of oligoarginine for highly efficient siRNA delivery: structure-activity relationship and mechanism of intracellular trafficking of siRNA. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2015</b> , 11, 435-46	6	22
117	Synthesis of poly(ethylene-oxide)/nanoclay solid polymer electrolyte for all solid-state lithium/sulfur battery. <i>Ionics</i> , <b>2015</b> , 21, 381-385	2.7	85
116	Design and Characterization of a Multifunctional pH-Triggered Peptide C8 for Selective Anticancer Activity. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 2709-18	10.1	19
115	Effective small interfering RNA delivery in vitro via a new stearylated cationic peptide. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 3303-14	7.3	12
114	Bacterial Acclimation Inside an Aqueous Battery. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129130	3.7	
113	Design and characterization of a new peptide vector for short interfering RNA delivery. <i>Journal of Nanobiotechnology</i> , <b>2015</b> , 13, 39	9.4	9
112	Self-Discharge of Rechargeable Hybrid Aqueous Battery. <i>ECS Electrochemistry Letters</i> , <b>2015</b> , 4, A151-A154		11
111	DEGylation Enhanced the Stability of Peptide-siRNA Complexes in Serum. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 9982-90	1.3	4
110	Experimental and mathematical studies on cycle life of rechargeable hybrid aqueous batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 279, 238-245	8.9	10
109	Graphene-based ultrathin microporous carbon with smaller sulfur molecules for excellent rate performance of lithium/sulfur cathode. <i>Journal of Power Sources</i> , <b>2015</b> , 282, 70-78	8.9	47
108	Enhanced cycling performance of a high-energy and low-cost lithium/sulfur battery with a sulfur/hardwood charcoal composite cathode material. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 1161-1169	2.6	7
107	A sulfur/polyacrylonitrile/graphene composite cathode for lithium batteries with excellent cyclability. <i>Journal of Power Sources</i> , <b>2014</b> , 252, 107-112	8.9	59
106	Hybrid peptide/carbon nanotube dispersions and hydrogels. <i>Carbon</i> , <b>2014</b> , 71, 284-293	10.4	13
105	Simple, scalable, and economical preparation of sulfur/carbon composite cathodes for Li/S batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 259, 183-187	8.9	60
104	Immuno- and hemocompatibility of amino acid pairing peptides for potential use in anticancer drug delivery. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2014</b> , 29, 254-269	2	1
103	Sensitivity analysis of a mathematical model of lithium/sulfur cells: Part II: Precipitation reaction kinetics and sulfur content. <i>Journal of Power Sources</i> , <b>2014</b> , 257, 402-411	8.9	43
102	Sensitivity analysis of a mathematical model of lithium/sulfur cells part I: Applied discharge current and cathode conductivity. <i>Journal of Power Sources</i> , <b>2014</b> , 257, 394-401	8.9	60
101	Three-dimensional carbon fiber as current collector for lithium/sulfur batteries. <i>Ionics</i> , <b>2014</b> , 20, 803-808	2.7	39

100	Poly(vinylidene fluoride-co-hexafluoropropylene)/poly(methylmethacrylate)/nanoclay composite gel polymer electrolyte for lithium/sulfur batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 1111-1116	2.6	62
99	Cyclability of sulfur/dehydrogenated polyacrylonitrile composite cathode in lithium/sulfur batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 69-76	2.6	21
98	In vitro and in vivo therapeutic siRNA delivery induced by a tryptophan-rich endosomolytic peptide. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 6010-6019	7.3	5
97	The effect of sulfur loading on the electrochemical performance of a sulfur-polymer composite cathode coated on aluminium foil. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 13843-8	3.6	12
96	Thermodynamic characterization of the interaction between a peptide-drug complex and serum proteins. <i>Langmuir</i> , <b>2014</b> , 30, 11122-30	4	24
95	Preparation of novel network nanostructured sulfur composite cathode with enhanced stable cycle performance. <i>Journal of Power Sources</i> , <b>2014</b> , 270, 326-331	8.9	40
94	Synthesis of Hierarchical Porous Sulfur/Polypyrrole/Multiwalled Carbon Nanotube Composite Cathode for Lithium Batteries. <i>Electrochimica Acta</i> , <b>2014</b> , 143, 49-55	6.7	54
93	Synthesis and electrochemical investigation of nanosized LiMn <sub>2</sub> O <sub>4</sub> as cathode material for rechargeable hybrid aqueous batteries. <i>Materials Letters</i> , <b>2014</b> , 137, 311-314	3.3	32
92	Serum stability and physicochemical characterization of a novel amphipathic peptide C6M1 for siRNA delivery. <i>PLoS ONE</i> , <b>2014</b> , 9, e97797	3.7	29
91	Preparation of high purity crystalline silicon by electro-catalytic reduction of sodium hexafluorosilicate with sodium below 180 °C. <i>PLoS ONE</i> , <b>2014</b> , 9, e105537	3.7	0
90	Analysis of a Mathematical Model of Lithium-Sulfur Cells Part III: Electrochemical Reaction Kinetics, Transport Properties and Charging. <i>Electrochimica Acta</i> , <b>2014</b> , 137, 575-585	6.7	40
89	Stabilizing lithium/sulfur batteries by a composite polymer electrolyte containing mesoporous silica particles. <i>Journal of Power Sources</i> , <b>2014</b> , 245, 656-662	8.9	85
88	A simple and rapid method to isolate purer M13 phage by isoelectric precipitation. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 8023-9	5.7	13
87	The effect of dispersant on toughening mechanism and structure behaviors of Polypropylene Nanocomposites reinforced with nano alumina particles. <i>Journal of Thermoplastic Composite Materials</i> , <b>2013</b> , 26, 1377-1392	1.9	1
86	Effect of Graphene on Sulfur/Polyacrylonitrile Nanocomposite Cathode in High Performance Lithium/Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, A1194-A1198	3.9	58
85	Effect of nanosized Mg <sub>0.6</sub> Ni <sub>0.4</sub> O prepared by self-propagating high temperature synthesis on sulfur cathode performance in Li/S batteries. <i>Powder Technology</i> , <b>2013</b> , 235, 248-255	5.2	68
84	One-pot approach to synthesize PPy@S core-shell nanocomposite cathode for Li/S batteries. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	35
83	Correlation Between Segmental Dynamics, Glass Transition, and Lithium Ion Conduction in Poly(Methyl Methacrylate)/Ionic Liquid Mixture. <i>Journal of Macromolecular Science - Physics</i> , <b>2013</b> , 52, 590-603	1.4	2



82	Fabrication and Characterization of an Effective Polymer Nanocomposite Electrolyte Membrane for High Performance Lithium/Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, A1052-A1060	3.9	36
81	A novel polymer electrolyte to improve the cycle life of high performance lithium/sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2769	13	81
80	Ternary sulfur/polyacrylonitrile/Mg <sub>0.6</sub> Ni <sub>0.4</sub> O composite cathodes for high performance lithium/sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 295-301	13	191
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