

# Kwang Chul Roh

## List of Publications by Year in descending order

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115  
papers

4,872  
citations

109264

35  
h-index

102432

66  
g-index

118  
all docs

118  
docs citations

118  
times ranked

7134  
citing authors

#	ARTICLE	IF	CITATIONS
1	A durable high-energy implantable energy storage system with binder-free electrodes useable in body fluids. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4611-4620.	5.2	5
2	Black Phosphorus-Based Lithium-Ion Capacitor. <i>Batteries and Supercaps</i> , 2022, 5, .	2.4	1
3	On-demand solid-state artistic ultrahigh areal energy density microsupercapacitors. <i>Energy Storage Materials</i> , 2022, 47, 569-578.	9.5	3
4	Efficient utilization of lignin residue for activated carbon in supercapacitor applications. <i>Materials Chemistry and Physics</i> , 2022, 284, 126073.	2.0	11
5	Correlation between lithium-ion accessibility to the electrolyte-active material interface and low-temperature electrochemical performance. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158233.	2.8	8
6	Suppression of metal-to-insulator transition using strong interfacial coupling at cubic and orthorhombic perovskite oxide heterointerfaces. <i>Nanoscale</i> , 2021, 13, 708-715.	2.8	0
7	Electrochemical Effect of Cokes-Derived Activated Carbon with Partially Graphitic Structure for Hybrid Supercapacitors. <i>ChemElectroChem</i> , 2021, 8, 3621-3628.	1.7	2
8	Structural control of highly oxidized carbon nanotube networks for high electrochemical performance. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 104, 172-178.	2.9	10
9	sp <sup>2</sup> -sp <sup>3</sup> Hybrid Porous Carbon Materials Applied for Supercapacitors. <i>Energies</i> , 2021, 14, 5990.	1.6	5
10	Nitrogen-Doped and Carbon-Coated Activated Carbon as a Conductivity Additive-Free Electrode for Supercapacitors. <i>Energies</i> , 2021, 14, 7629.	1.6	0
11	Electrode materials for biomedical patchable and implantable energy storage devices. <i>Energy Storage Materials</i> , 2020, 24, 113-128.	9.5	44
12	Preparation of activated carbon decorated with carbon dots and its electrochemical performance. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 82, 383-389.	2.9	16
13	Phase transformation of spinel Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> to anatase TiO <sub>2</sub> by catalytic delithiation. <i>Energy Storage Materials</i> , 2020, 25, 510-519.	9.5	5
14	Giant-miscanthus-derived activated carbon and its application to lithium sulfur batteries. <i>Carbon Letters</i> , 2020, 30, 477-484.	3.3	10
15	Silver grass-derived activated carbon with coexisting micro-, meso- and macropores as excellent bioanodes for microbial colonization and power generation in sustainable microbial fuel cells. <i>Bioresource Technology</i> , 2020, 300, 122646.	4.8	44
16	Polyol-mediated carbon-coated Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanoparticle/graphene composites with long-term cycling stability for lithium and sodium ion storages. <i>Chemical Engineering Journal</i> , 2020, 385, 123984.	6.6	32
17	Comparison of the electrochemical properties of activated carbon prepared from woody biomass with different lignin content. <i>Wood Science and Technology</i> , 2020, 54, 1165-1180.	1.4	4
18	Facile preparation of composite electrodes for supercapacitors by CNT entrapment into carbon matrix derived from pitch at a softening point. <i>Carbon</i> , 2020, 163, 402-407.	5.4	17

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19	Nitrogen-immobilized, Ionic Liquid-derived, Nitrogen-doped, Activated Carbon for Supercapacitors. <i>ChemElectroChem</i> , 2020, 7, 2410-2417.	1.7	10
20	Exceptionally Reversible Li-/Na-Ion Storage and Ultrastable Solid-Electrolyte Interphase in Layered GeP <sub>5</sub> Anode. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32815-32825.	4.0	28
21	A holey graphene-based hybrid supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 378, 122126.	6.6	79
22	Porous graphitic activated carbon sheets upcycled from starch-based packing peanuts for applications in ultracapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 805, 1282-1287.	2.8	10
23	Chlorella-derived activated carbon with hierarchical pore structure for energy storage materials and adsorbents. <i>Carbon Letters</i> , 2019, 29, 167-175.	3.3	28
24	Effect of thermally decomposable spacers on graphene microsphere structure and restacking of graphene sheets during electrode fabrication. <i>Carbon</i> , 2019, 150, 128-135.	5.4	17
25	Structural Recovery of Highly Oxidized Single-Walled Carbon Nanotubes Fabricated by Kneading and Electrochemical Applications. <i>Chemistry of Materials</i> , 2019, 31, 3468-3475.	3.2	28
26	Magn@li Phase Titanium Oxide as a Novel Anode Material for Potassium-Ion Batteries. <i>ACS Omega</i> , 2019, 4, 5304-5309.	1.6	35
27	Revisiting NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /nanocarbon composites prepared using nanocarbons with different dimensions for high-rate sodium-ion batteries: The surface properties of nanocarbons. <i>Journal of Alloys and Compounds</i> , 2019, 787, 728-737.	2.8	7
28	Improved pseudocapacitive charge storage in highly ordered mesoporous TiO <sub>2</sub> /carbon nanocomposites as high-performance Li-ion hybrid supercapacitor anodes. <i>RSC Advances</i> , 2019, 9, 37882-37888.	1.7	9
29	An ionic liquid incorporated in a quasi-solid-state electrolyte for high-temperature supercapacitor applications. <i>Chemical Communications</i> , 2019, 55, 15081-15084.	2.2	36
30	Structural and Electrochemical Characteristics of Activated Carbon Derived from Lignin-Rich Residue. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2471-2482.	3.2	33
31	Fabrication of bimodal micro-mesoporous amorphous carbon-graphitic carbon-reduced graphene oxide composite microspheres prepared by pilot-scale spray drying and their application in supercapacitors. <i>Carbon</i> , 2019, 144, 591-600.	5.4	24
32	Studying the reduction of graphene oxide with magnetic measurements. <i>Carbon</i> , 2019, 142, 373-378.	5.4	32
33	High-performance sodium hybrid capacitor enabled by presodiated Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> . <i>Journal of Power Sources</i> , 2019, 409, 48-57.	4.0	14
34	Rational design of oxide/carbon composites to achieve superior rate-capability via enhanced lithium-ion transport across carbon to oxide. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6033-6044.	5.2	19
35	Superior electrochemical properties of micron-sized aggregates of (Co <sub>0.5</sub> Fe <sub>0.5</sub> ) <sub>3</sub> O <sub>4</sub> hollow nanospheres and graphitic carbon. <i>Chemical Engineering Journal</i> , 2018, 346, 351-360.	6.6	5
36	Bulk metal-derived metal oxide nanoparticles on oxidized carbon surface. <i>Journal of Alloys and Compounds</i> , 2018, 752, 198-205.	2.8	1

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37	Mesoporous graphitic carbon microspheres with a controlled amount of amorphous carbon as an efficient Se host material for Li-Se batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4152-4160.	5.2	34
38	Lithium-Sulfur Capacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6199-6206.	4.0	7
39	Strong, persistent superficial oxidation-assisted chemical bonding of black phosphorus with multiwall carbon nanotubes for high-capacity ultradurable storage of lithium and sodium. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10121-10134.	5.2	71
40	Non-aqueous quasi-solid electrolyte for use in supercapacitors. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 59, 192-195.	2.9	7
41	Superior lithium-ion storage performances of carbonaceous microspheres with high electrical conductivity and uniform distribution of Fe and TiO ultrafine nanocrystals for Li-S batteries. <i>Carbon</i> , 2018, 126, 394-403.	5.4	13
42	Enhancement of Oxygen Reduction Reaction Catalytic Activity via the Modified Surface of $\text{La}_{0.6}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{3-\delta}$ with Palladium Nanoparticles as Cathode for Lithium-Air Battery. <i>ACS Applied Energy Materials</i> , 2018, , .	2.5	11
43	Highly conductive carbon nanotube micro-spherical network for high-rate silicon anode. <i>Journal of Power Sources</i> , 2018, 394, 94-101.	4.0	60
44	Comparative Study of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Composites Prepared with Pristine, Oxidized, and Surfactant-Treated Multiwalled Carbon Nanotubes for High-Power Hybrid Supercapacitors. <i>ChemElectroChem</i> , 2018, 5, 2357-2366.	1.7	15
45	A biocompatible implant electrode capable of operating in body fluids for energy storage devices. <i>Nano Energy</i> , 2017, 34, 86-92.	8.2	44
46	Synthesis of $\text{LiFePO}_4$ /graphene microspheres while avoiding restacking of graphene sheets for high-rate lithium-ion batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 52, 251-259.	2.9	28
47	A study of the effects of synthesis conditions on $\text{Li}_5\text{FeO}_4$ /carbon nanotube composites. <i>Scientific Reports</i> , 2017, 7, 46530.	1.6	12
48	Exploring High-Energy $\text{Li}(\text{r})$ on Batteries and Capacitors with Conversion-Type $\text{Fe}_3\text{O}_4$ -rGO as the Negative Electrode. <i>ChemElectroChem</i> , 2017, 4, 2626-2633.	1.7	10
49	$\text{Li}_3\text{PO}_4$ surface coating on Ni-rich $\text{LiNi}_{0.6}\text{Co}_{0.2}\text{Mn}_{0.2}\text{O}_2$ by a citric acid assisted sol-gel method: Improved thermal stability and high-voltage performance. <i>Journal of Power Sources</i> , 2017, 360, 206-214.	4.0	210
50	An effective approach to preparing partially graphitic activated carbon derived from structurally separated pitch pine biomass. <i>Carbon</i> , 2017, 118, 431-437.	5.4	80
51	Self-assembled $\text{Li}_3\text{V}_2(\text{PO}_4)_3$ /reduced graphene oxide multilayer composite prepared by sequential adsorption. <i>Journal of Power Sources</i> , 2017, 367, 167-176.	4.0	5
52	Surfactant-free synthesis of a nanoporated graphene/nitrogen-doped carbon nanotube composite for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22607-22617.	5.2	13
53	Multimodal porous carbon derived from ionic liquids: correlation between pore sizes and ionic clusters. <i>Nanoscale</i> , 2017, 9, 14672-14681.	2.8	30
54	Rational design of $\text{Li}_3\text{VO}_4$ @carbon core-shell nanoparticles as Li-ion hybrid supercapacitor anode materials. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20969-20977.	5.2	34

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55	A new general approach to synthesizing filled and yolk-shell structured metal oxide microspheres by applying a carbonaceous template. <i>Nanoscale</i> , 2017, 9, 17991-17999.	2.8	20
56	Multi-functionalized herringbone carbon nanofiber for anodes of lithium ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18612-18618.	1.3	4
57	A chemically bonded NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /rGO microsphere composite as a high-rate insertion anode for sodium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17506-17516.	5.2	80
58	Nitrogen and Fluorine Co-doped Activated Carbon for Supercapacitors. <i>Journal of Electrochemical Science and Technology</i> , 2017, 8, 338-343.	0.9	13
59	Sandwich-type ordered mesoporous carbon/graphene nanocomposites derived from ionic liquid. <i>Nano Research</i> , 2016, 9, 2696-2706.	5.8	17
60	Dual coexisting interconnected graphene nanostructures for high performance supercapacitor applications. <i>Energy and Environmental Science</i> , 2016, 9, 2249-2256.	15.6	87
61	In situ synthesis of chemically bonded NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /rGO 2D nanocomposite for high-rate sodium-ion batteries. <i>Nano Research</i> , 2016, 9, 1844-1855.	5.8	69
62	Dodecylamine-derived thin carbon-coated single Fe <sub>3</sub> O <sub>4</sub> nanocrystals for advanced lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 37923-37928.	1.7	6
63	TiO <sub>2</sub> -reduced graphene oxide nanocomposites by microwave-assisted forced hydrolysis as excellent insertion anode for Li-ion battery and capacitor. <i>Journal of Power Sources</i> , 2016, 327, 171-177.	4.0	93
64	Graphene-Selenium Hybrid Microballs as Cathode Materials for High-performance Lithium-Selenium Secondary Battery Applications. <i>Scientific Reports</i> , 2016, 6, 30865.	1.6	30
65	High-rate Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /N-doped reduced graphene oxide composite using cyanamide both as nanospacer and a nitrogen doping source. <i>Journal of Power Sources</i> , 2016, 336, 376-384.	4.0	48
66	Hierarchically structured activated carbon for ultracapacitors. <i>Scientific Reports</i> , 2016, 6, 21182.	1.6	70
67	Synthesis of Reduced Graphene Oxide-Modified LiMn <sub>0.75</sub> Fe <sub>0.25</sub> PO <sub>4</sub> Microspheres by Salt-Assisted Spray Drying for High-Performance Lithium-Ion Batteries. <i>Scientific Reports</i> , 2016, 6, 26686.	1.6	15
68	High-Performance Sodium-Ion Hybrid Supercapacitor Based on Nb <sub>2</sub> O <sub>5</sub> @Carbon Core-Shell Nanoparticles and Reduced Graphene Oxide Nanocomposites. <i>Advanced Functional Materials</i> , 2016, 26, 3711-3719.	7.8	363
69	Scalable fabrication of micron-scale graphene nanomeshes for high-performance supercapacitor applications. <i>Energy and Environmental Science</i> , 2016, 9, 1270-1281.	15.6	122
70	Longitudinal unzipped carbon nanotubes with high specific surface area and trimodal pore structure. <i>RSC Advances</i> , 2016, 6, 8661-8668.	1.7	16
71	Improved electrochemical performance of LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> cathode material synthesized by citric acid assisted sol-gel method for lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 315, 261-268.	4.0	135
72	Superior electrochemical properties of manganese dioxide/reduced graphene oxide nanocomposites as anode materials for high-performance lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 312, 207-215.	4.0	57

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73	Silica-assisted bottom-up synthesis of graphene-like high surface area carbon for highly efficient ultracapacitor and Li-ion hybrid capacitor applications. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5578-5591.	5.2	60
74	Rusted iron wire waste into high performance anode ( $\text{Fe}_2\text{O}_3$ ) for Li-ion batteries: an efficient waste management approach. <i>Green Chemistry</i> , 2016, 18, 1395-1404.	4.6	39
75	High Surface Area Nitrogen Doped Reduced Graphene Oxide for Electric Double Layer Capacitors. <i>ChemSusChem</i> , 2015, 8, 1875-1884.	3.6	83
76	Retransformed graphitic activated carbon from ionic liquid-derived carbon containing nitrogen. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2564-2567.	5.2	14
77	Electrochemical Kinetics Investigation of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ /Reduced Graphene Oxide Nanocomposite Using Voltammetric Charge Analysis. <i>Journal of the Electrochemical Society</i> , 2015, 162, A667-A673.	1.3	19
78	Highly dispersible surface-unzipped multi-walled carbon nanotubes as binder-free electrodes for supercapacitor applications. <i>Current Applied Physics</i> , 2015, 15, S21-S26.	1.1	15
79	High-coulombic-efficiency Si-based hybrid microspheres synthesized by the combination of graphene and IL-derived carbon. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20935-20943.	5.2	26
80	Size-tunable favorite $\text{LiFe}(\text{PO}_4)(\text{OH})$ microspheres with a core-shell structure. <i>CrystEngComm</i> , 2015, 17, 6149-6154.	1.3	7
81	Reversible Capacity Enhancement of Zinc-Manganese Mixed Oxide through Nanoscale Electrochemical Wiring with Carbon Nanotubes. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1990-A1996.	1.3	3
82	Facile Synthesis of $\text{Nb}_2\text{O}_5$ @Carbon Core-shell Nanocrystals with Controlled Crystalline Structure for High-Power Anodes in Hybrid Supercapacitors. <i>ACS Nano</i> , 2015, 9, 7497-7505.	7.3	411
83	$\text{Co}_3\text{O}_4$ -reduced graphene oxide nanocomposite synthesized by microwave-assisted hydrothermal process for Li-ion batteries. <i>Electronic Materials Letters</i> , 2015, 11, 282-287.	1.0	20
84	In Situ Electrochemical Dilatometric Study of $\text{Fe}_3\text{O}_4$ /Reduced Graphene Oxide Nanocomposites as Anode Material for Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2015, 162, A2308-A2312.	1.3	14
85	Spray-Assisted Deep-Frying Process for the In Situ Spherical Assembly of Graphene for Energy-Storage Devices. <i>Chemistry of Materials</i> , 2015, 27, 457-465.	3.2	92
86	A two-dimensional highly ordered mesoporous carbon/graphene nanocomposite for electrochemical double layer capacitors: effects of electrical and ionic conduction pathways. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2314-2322.	5.2	49
87	Kinetic favorability of Ru-doped $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ for high-power lithium-ion batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 731-735.	2.9	30
88	One-step preparation of reduced graphene oxide/carbon nanotube hybrid thin film by electrostatic spray deposition for supercapacitor applications. <i>Metals and Materials International</i> , 2014, 20, 975-981.	1.8	16
89	Effect of Electronic Wiring on the Electrochemical Reaction Sites in Manganese Oxide with Pseudocapacitive Behavior. <i>Journal of the Electrochemical Society</i> , 2014, 161, H365-H369.	1.3	2
90	Electrochemical Impedance Spectroscopic Investigation of Sodium Ion Diffusion in $\text{MnO}_2$ Using a Constant Phase Element Active in Desired Frequency Ranges. <i>Journal of the Electrochemical Society</i> , 2014, 161, H207-H213.	1.3	58

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91	Enhanced high-temperature cycling of Li <sub>2</sub> O-2B <sub>2</sub> O <sub>3</sub> -coated spinel-structured LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> cathode material for application to lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2014, 601, 217-222.	2.8	45
92	Improved high-voltage performance of FePO <sub>4</sub> -coated LiCoO <sub>2</sub> by microwave-assisted hydrothermal method. <i>Electrochemistry Communications</i> , 2014, 43, 113-116.	2.3	34
93	Fluorinated activated carbon with superb kinetics for the supercapacitor application in nonaqueous electrolyte. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 535-539.	2.3	48
94	Lithium-ion Transport through a Tailored Disordered Phase on the LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> Surface for High-Power Cathode Materials. <i>ChemSusChem</i> , 2014, 7, 2248-2254.	3.6	25
95	LiTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /reduced graphene oxide nanocomposite with enhanced electrochemical performance for lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 31672-31677.	1.7	26
96	Synthesis of LiMn <sub>0.75</sub> Fe <sub>0.25</sub> PO <sub>4</sub> /C microspheres using a microwave-assisted process with a complexing agent for high-rate lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10607-10613.	5.2	38
97	Size-selective synthesis of mesoporous LiFePO <sub>4</sub> /C microspheres based on nucleation and growth rate control of primary particles. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5922-5927.	5.2	35
98	Study on the Electrochemical Kinetics of Manganese Dioxide/Multiwall Carbon Nanotube Composite by Voltammetric Charge Analysis. <i>Journal of the Electrochemical Society</i> , 2014, 161, A137-A141.	1.3	16
99	Phase Transition Method To Form Group 6A Nanoparticles on Carbonaceous Templates. <i>ACS Nano</i> , 2014, 8, 2279-2289.	7.3	12
100	Electrochemical performance of hybrid supercapacitor fabricated using multi-structured activated carbon. <i>Electrochemistry Communications</i> , 2014, 47, 5-8.	2.3	36
101	In Situ Synthesis of Three-Dimensional Self-Assembled Metal Oxide-Reduced Graphene Oxide Architecture. <i>Chemistry of Materials</i> , 2014, 26, 4838-4843.	3.2	47
102	High-Performance Hybrid Supercapacitor Based on Graphene-Wrapped Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> and Activated Carbon. <i>ChemElectroChem</i> , 2014, 1, 125-130.	1.7	137
103	Spine-like Nanostructured Carbon Interconnected by Graphene for High-performance Supercapacitors. <i>Scientific Reports</i> , 2014, 4, 6118.	1.6	28
104	Two-dimensional cobalt-based composites grown on Ti plates for application as pseudocapacitor materials. <i>Electronic Materials Letters</i> , 2013, 9, 531-534.	1.0	4
105	Synthesis of nano-Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> decorated on non-oxidized carbon nanotubes with enhanced rate capability for lithium-ion batteries. <i>RSC Advances</i> , 2013, 3, 14267.	1.7	25
106	A Novel High-Energy Hybrid Supercapacitor with an Anatase TiO <sub>2</sub> -Reduced Graphene Oxide Anode and an Activated Carbon Cathode. <i>Advanced Energy Materials</i> , 2013, 3, 1500-1506.	10.2	510
107	Dispersant-free conducting pastes for flexible and printed nanocarbon electrodes. <i>Nature Communications</i> , 2013, 4, 2491.	5.8	65
108	A highly ordered cubic mesoporous silica/graphene nanocomposite. <i>Nanoscale</i> , 2013, 5, 9604.	2.8	32



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109	Self-assembly of Si entrapped graphene architecture for high-performance Li-ion batteries. <i>Electrochemistry Communications</i> , 2013, 34, 117-120.	2.3	48
110	In situ fabrication of lithium titanium oxide by microwave-assisted alkalization for high-rate lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14849.	5.2	25
111	Structurally stabilized LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> with enhanced electrochemical properties through nitric acid treatment. <i>Journal of Power Sources</i> , 2013, 230, 138-142.	4.0	59
112	Defect-free solvothermally assisted synthesis of microspherical mesoporous LiFePO <sub>4</sub> /C. <i>RSC Advances</i> , 2013, 3, 3421.	1.7	40
113	Nanocomposite of LiFePO <sub>4</sub> and mesoporous carbon prepared by microwave heating for rechargeable lithium batteries. <i>Electronic Materials Letters</i> , 2013, 9, 855-858.	1.0	5
114	Ribbon-like activated carbon with a multi-structure for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14008.	5.2	12
115	Nanocomposite of LiFePO <sub>4</sub> and Mesoporous Carbon for High Power Cathode of Lithium Rechargeable Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 8475-8480.	0.9	1