

Il Tae Kim

List of Publications by Year in descending order

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126
papers

3,050
citations

196777

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128
all docs

128
docs citations

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times ranked

4620
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailored HoFeO_3 $\text{â}^{\text{H}}\text{O}_2$ O_3 hybrid perovskite nanocomposites as stable anode material for advanced lithium-ion storage. <i>International Journal of Energy Research</i> , 2022, 46, 2051-2063.	2.2	10
2	Unraveling improved electrochemical kinetics of In_2Te_3 -based anodes embedded in hybrid matrix for Li-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 429, 132395.	6.6	18
3	Fabricating nanostructured HoFeO_3 perovskite for lithium-ion battery anodes via co-precipitation. <i>Scripta Materialia</i> , 2022, 207, 114259.	2.6	18
4	High capacity and inexpensive multivalent cathode materials for aqueous rechargeable Zn-ion battery fabricated via in situ electrochemical oxidation of VO_2 nanorods. <i>Journal of Power Sources</i> , 2022, 523, 231060.	4.0	22
5	Fabricating iron-tin-oxide nanocomposite electrodes for sodium-ion batteries. <i>Ceramics International</i> , 2022, 48, 19109-19115.	2.3	3
6	In Situ Growth of $\text{W}_2\text{C}/\text{WS}_2$ with Carbon-Nanotube Networks for Lithium-Ion Storage. <i>Nanomaterials</i> , 2022, 12, 1003.	1.9	8
7	Boron Oxide Enhancing Stability of MoS_2 Anode Materials for Lithium-Ion Batteries. <i>Materials</i> , 2022, 15, 2034.	1.3	5
8	Ag-decorated novel $\text{â}^{\text{TM}}\text{-WO}_3$ nanostructures for sustainable applications. <i>Ceramics International</i> , 2022, , .	2.3	4
9	Restructuring NiO to LiNiO_2 : Ultrastable and reversible anodes for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 437, 135292.	6.6	14
10	Gallium-Indium-Tin Eutectic as a Self-Healing Room-Temperature Liquid Metal Anode for High-Capacity Lithium-Ion Batteries. <i>Materials</i> , 2022, 15, 168.	1.3	9
11	In situ crosslinkable acrylic random copolymer binders for silicon anodes in lithium-ion batteries. <i>International Journal of Energy Research</i> , 2022, 46, 12565-12578.	2.2	7
12	Spinel Ni-ferrite advanced high-capacity anode for Li-ion batteries prepared via coprecipitation route. <i>Ceramics International</i> , 2022, 48, 31470-31477.	2.3	4
13	Self-healing gallium phosphide embedded in a hybrid matrix for high-performance Li-ion batteries. <i>Energy Storage Materials</i> , 2021, 34, 669-681.	9.5	36
14	Scraps to superior anodes for Li-ion batteries: Sustainable and scalable upgrading of waste rust. <i>Journal of Hazardous Materials</i> , 2021, 410, 124571.	6.5	12
15	Excellent photocatalytic activity of ternary $\text{Ag@WO}_3/\text{rGO}$ nanocomposites under solar simulation irradiation. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 108-117.	1.5	25
16	Next-Generation Materials for Energy Storage and Conversion. <i>Materials</i> , 2021, 14, 696.	1.3	1
17	Novel carbon-free niobium silicide/oxide nanocomposites for lithium-ion battery anodes. <i>Applied Materials Today</i> , 2021, 22, 100917.	2.3	4
18	Ag Nanoparticle-Decorated MoS_2 Nanosheets for Enhancing Electrochemical Performance in Lithium Storage. <i>Nanomaterials</i> , 2021, 11, 626.	1.9	21

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19	Zn anode with flexible $\text{P}^2\text{-PVDF}$ coating for aqueous Zn-ion batteries with long cycle life. <i>Chemical Engineering Journal</i> , 2021, 411, 128584.	6.6	157
20	Photocatalytic materials for indoor air purification systems: An updated mini-review. <i>Environmental Technology and Innovation</i> , 2021, 22, 101471.	3.0	24
21	Highly reversible lithiation/delithiation in indium antimonide with hybrid buffering matrix. <i>International Journal of Energy Research</i> , 2021, 45, 16145-16154.	2.2	3
22	Microwave-Assisted Expanded Graphite as a Long Cyclic Cathode for the Lithium Dual-Ion Battery. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 3989-3995.	0.9	1
23	Tailored synthesis of molybdenum-selenide/selenium/sodium-molybdate hybrid composites as a promising anode for lithium-ion and sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 415, 128813.	6.6	9
24	Enabling high-performance aqueous rechargeable Li-ion batteries through systematic optimization of $\text{TiS}_2/\text{LiFePO}_4$ full cell. <i>Applied Surface Science</i> , 2021, 553, 149496.	3.1	6
25	Characteristics of Perovskite Solar Cells with Methylammonium Iodide-Added Anti-Solvent. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4367-4371.	0.9	1
26	Development of Antimicrobial $\text{CuO}/(3\text{-aminopropyl})\text{Triethoxysilane}$ Activated Carbon Fiber. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4519-4523.	0.9	1
27	Metal salt-modified biochars derived from agro-waste for effective congo red dye removal. <i>Environmental Research</i> , 2021, 200, 111492.	3.7	57
28	Carbon-free $\text{Cu/Sb}_x\text{O}_y/\text{Sb}$ nanocomposites with yolk-shell and hollow structures as high-performance anodes for lithium-ion storage. <i>Journal of Alloys and Compounds</i> , 2021, 878, 160447.	2.8	13
29	Enhancing electrochemical performance of sodium Prussian blue cathodes for sodium-ion batteries via optimizing alkyl carbonate electrolytes. <i>Ceramics International</i> , 2021, 47, 30164-30171.	2.3	8
30	A diffusion encouraged core-shell heterostructured $\text{Co}_3\text{Sn}_2@\text{SnO}_2$ anode towards emerging dual ion batteries with high energy density. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14991-15002.	5.2	11
31	Nanocrystalline Cellulose Supported MnO_2 Composite Materials for High-Performance Lithium-Ion Batteries. <i>Materials</i> , 2021, 14, 6619.	1.3	6
32	Simply Fabricated Inexpensive Dual-Polymer-Coated Fabry-Perot Interferometer-Based Temperature Sensors with High Sensitivity. <i>Sensors</i> , 2021, 21, 7632.	2.1	4
33	The Effects of the Binder and Buffering Matrix on InSb-Based Anodes for High-Performance Rechargeable Li-Ion Batteries. <i>Nanomaterials</i> , 2021, 11, 3420.	1.9	8
34	Few-layer NbSe_2 @graphene heterostructures as anodes in lithium-ion half- and full-cell batteries. <i>Chemical Engineering Journal</i> , 2020, 382, 122981.	6.6	27
35	Facile synthesis of $\text{W}_2\text{C}@WS_2$ alloy nanoflowers and their hydrogen generation performance. <i>Applied Surface Science</i> , 2020, 504, 144389.	3.1	47
36	Recent advances in two-dimensional transition metal dichalcogenides as photoelectrocatalyst for hydrogen evolution reaction. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2597-2607.	1.6	52

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37	GeTe-TiC-C Composite Anodes for Li-Ion Storage. <i>Materials</i> , 2020, 13, 4222.	1.3	14
38	In situ growth of hybrid nanoflowers on activated carbon fibers as electrodes for mediatorless enzymatic biofuel cells. <i>Materials Letters</i> , 2020, 281, 128662.	1.3	11
39	W2C/WS2 Alloy Nanoflowers as Anode Materials for Lithium-Ion Storage. <i>Nanomaterials</i> , 2020, 10, 1336.	1.9	22
40	Progress of 3D network binders in silicon anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25548-25570.	5.2	88
41	A Composite Anion Conducting Membrane Based on Quaternized Cellulose and Poly(Phenylene Oxide) for Alkaline Fuel Cell Applications. <i>Polymers</i> , 2020, 12, 2676.	2.0	11
42	SnO2 Nanoflowerâ€“Nanocrystalline Cellulose Composites as Anode Materials for Lithium-Ion Batteries. <i>Materials</i> , 2020, 13, 3165.	1.3	8
43	A Novel Photocatalyst Composite of Magnesium Aminoclay and TiO ₂ Immobilized into Activated Carbon Fiber (ACF) Matrix for Pollutant Removal. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6844-6849.	0.9	9
44	Self-Assembled Few-Layered MoS2 on SnO2 Anode for Enhancing Lithium-Ion Storage. <i>Nanomaterials</i> , 2020, 10, 2558.	1.9	16
45	Composite of nanocrystalline cellulose with tin dioxide as Lightweight Substrates for high-performance Lithium-ion battery. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 898-904.	1.2	16
46	Fast charging sodium-ion batteries based on Te-P-C composites and insights to low-frequency limits of four common equivalent impedance circuits. <i>Chemical Engineering Journal</i> , 2020, 398, 125703.	6.6	21
47	Mechanochemical synthesis of InP nanoparticles embedded in hybrid conductive matrix for high-performance lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2020, 399, 125826.	6.6	11
48	Acrylic random copolymer and network binders for silicon anodes in lithium-ion batteries. <i>Journal of Power Sources</i> , 2020, 458, 228054.	4.0	37
49	High sensitivity temperature sensor based on Fresnel reflection with thermosensitive polymer: control of morphology and coating thickness. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SGGG06.	0.8	7
50	Strategy for controlling the morphology and work function of W2C/WS2 nanoflowers. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154582.	2.8	18
51	A study of perovskite solar cell with a Fe ³⁺ /Ga ³⁺ doped TiO ₂ layer. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SGGF05.	0.8	2
52	Enabling High Performance Calcium-Ion Batteries from Prussian Blue and Metalâ€“Organic Compound Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2596-2601.	3.2	38
53	Synergistic effect of antimony-triselenide on addition of conductive hybrid matrix for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 828, 154410.	2.8	12
54	Enhancing Temperature Sensitivity of the Fabryâ€“Perot Interferometer Sensor with Optimization of the Coating Thickness of Polystyrene. <i>Sensors</i> , 2020, 20, 794.	2.1	24

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55	Novel hybrid binder mixture tailored to enhance the electrochemical performance of SbTe bi-metallic anode for sodium ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020, 865, 114160.	1.9	7
56	Tin oxide evolution by heat-treatment with tin-aminoclay (SnAC) under argon condition for lithium-ion battery (LIB) anode applications. <i>Journal of Power Sources</i> , 2019, 437, 226946.	4.0	22
57	Enhancing the Electrochemical Performance of SbTe Bimetallic Anodes for High-Performance Sodium-Ion Batteries: Roles of the Binder and Carbon Support Matrix. <i>Nanomaterials</i> , 2019, 9, 1134.	1.9	13
58	Enhanced performance of carbon-free intermetallic zinc titanium alloy (Zn-Zn _x Ti _y) anode for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 301, 229-239.	2.6	12
59	AgNi@ZnO nanorods grown on graphene as an anodic catalyst for direct glucose fuel cells. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1193-1200.	1.2	8
60	Electrochemical Performance of Sn/SnO/Ni ₃ Sn Composite Anodes for Lithium-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1001-1005.	0.9	9
61	Fe _x Sn _y O _z Composites as Anode Materials for Lithium-Ion Storage. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6636-6640.	0.9	9
62	Tailoring of Aqueous-Based Carbon Nanotube@Nanocellulose Films as Self-Standing Flexible Anodes for Lithium-Ion Storage. <i>Nanomaterials</i> , 2019, 9, 655.	1.9	17
63	Effect of binders and additives to tailor the electrochemical performance of Sb ₂ Te ₃ -TiC alloy anodes for high-performance sodium-ion batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 419-428.	2.9	16
64	Scalable synthesis of high-performance molybdenum diselenide-graphite nanocomposite anodes for lithium-ion batteries. <i>Applied Surface Science</i> , 2019, 481, 1196-1205.	3.1	16
65	High-performance ZnS@graphite composites prepared through scalable high-energy ball milling as novel anodes in lithium-ion batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 258-267.	2.9	26
66	Preparation of Sn-aminoclay (SnAC)-templated Fe ₃ O ₄ nanoparticles as an anode material for lithium-ion batteries. <i>RSC Advances</i> , 2019, 9, 10536-10545.	1.7	14
67	Tailored synthesis of antimony-based alloy/oxides nanosheets for high-performance sodium-ion battery anodes. <i>Journal of Power Sources</i> , 2019, 414, 470-478.	4.0	17
68	Hybrid Electrode Innovations in Triple and Quadruple Dimensions for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 5911-5927.	1.7	6
69	Combination-based nanomaterial designs in single and double dimensions for improved electrodes in lithium ion-batteries and faradaic supercapacitors. <i>Journal of Energy Chemistry</i> , 2019, 38, 119-146.	7.1	20
70	Facile Synthesis of quantum dots SnO ₂ /Fe ₃ O ₄ hybrid composites for superior reversible lithium-ion storage. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 72, 504-511.	2.9	26
71	Core-shell Si@c-PAN particles deposited on graphite as promising anode for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 297, 355-364.	2.6	42
72	3D hierarchical structure of MoS ₂ @G-CNT combined with post-film annealing for enhanced lithium-ion storage. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 69, 116-126.	2.9	13

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73	Sb ₂ Te ₃ -TiC-C nanocomposites for the high-performance anode in lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 293, 8-18.	2.6	27
74	Iron-antimony-based hybrid oxides as high-performance anodes for lithium-ion storage. <i>Journal of Power Sources</i> , 2018, 389, 28-36.	4.0	19
75	Investigation of electrochemical performance on carbon supported tin-selenium bimetallic anodes in lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 266, 193-201.	2.6	26
76	Cu@SnO ₂ nanostructures obtained via galvanic replacement control as high performance anodes for lithium-ion storage. <i>Applied Surface Science</i> , 2018, 429, 218-224.	3.1	10
77	Facile preparation of a zinc-based alloy composite as a novel anode material for rechargeable lithium-ion batteries. <i>Applied Surface Science</i> , 2018, 429, 210-217.	3.1	10
78	Ultrarapid sonochemical synthesis of enzyme-incorporated copper nanoflowers and their application to mediatorless glucose biofuel cell. <i>Applied Surface Science</i> , 2018, 429, 203-209.	3.1	63
79	Controlled synthesis of dual-phase carbon-coated Nb ₂ O ₅ /TiNb ₂ O ₇ porous spheres and their Li-ion storage properties. <i>Journal of Alloys and Compounds</i> , 2018, 731, 437-443.	2.8	33
80	High-performance MoS ₂ -based nanocomposite anode prepared by high-energy mechanical milling: The effect of carbonaceous matrix on MoS ₂ . <i>Electrochimica Acta</i> , 2018, 260, 129-138.	2.6	31
81	Surfactant-assisted ammonium vanadium oxide as a superior cathode for calcium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22645-22654.	5.2	73
82	Ni-Sn-based hybrid composite anodes for high-performance lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 278, 25-32.	2.6	45
83	Crab-Shell Biotemplated SnO ₂ Composite Anodes for Lithium-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6463-6468.	0.9	13
84	Electrochemical Performance of FeSb ₂ -P@C Composites as Anode Materials for Lithium-Ion Storage. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1343-1346.	0.9	6
85	A recyclable, recoverable, and reformable hydrogel-based smart photocatalyst. <i>Environmental Science: Nano</i> , 2017, 4, 955-966.	2.2	38
86	Mechanism of sodium adsorption on N-doped graphene nanoribbons for sodium ion battery applications: A density functional theory approach. <i>Carbon</i> , 2017, 119, 492-501.	5.4	68
87	Sb-AlC _{0.75} -C composite anodes for high-performance sodium-ion batteries. <i>Journal of Power Sources</i> , 2017, 340, 393-400.	4.0	19
88	SnTe@TiC@C composites as high-performance anodes for Li-ion batteries. <i>Journal of Power Sources</i> , 2017, 365, 372-379.	4.0	27
89	Copper-Antimony-Based Alloy Nanocomposites as Anodes for Lithium-Ion Batteries: Effects of Heat Treatment and Mass Loading. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 8205-8208.	0.9	1
90	Facile Synthesis of Aluminum-Antimony Alloys and Their Application for Lithium-Ion and Sodium-Ion Storage. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7575-7578.	0.9	11

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91	Morphology Control of Hydrothermally Grown ZnO Nanostructures by Additives and Seed Layers. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7641-7646.	0.9	0
92	Copper-antimony-red phosphorus composites as promising anode materials for sodium-ion batteries. <i>Journal of Power Sources</i> , 2017, 362, 115-122.	4.0	21
93	Hybrid Hydrogel and Aerogel Membranes Based on Chitosan/Prussian Blue for Photo-Fenton-Based Wastewater Treatment Using Sunlight. <i>Science of Advanced Materials</i> , 2017, 9, 1484-1487.	0.1	13
94	Facile and Precise Detection of Boric Acid via Coulometric Titration. <i>Science of Advanced Materials</i> , 2017, 9, 1546-1550.	0.1	0
95	Nanostructured Fe _x Sb _y O _z Composites as Anode Materials for Sodium-Ion Batteries. <i>Science of Advanced Materials</i> , 2017, 9, 1488-1492.	0.1	0
96	Chitosan-Tethered Iron Oxide Composites as an Antisintering Porous Structure for High-Performance Li-Ion Battery Anodes. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2720-2728.	1.9	24
97	An eco-friendly physicochemical-based rapid synthesis of selenium nanoparticles. <i>RSC Advances</i> , 2016, 6, 48420-48426.	1.7	14
98	Sb-Al C-C Nanocomposite Alloy Anodes for Lithium-Ion Batteries. <i>Electrochimica Acta</i> , 2016, 210, 567-574.	2.6	14
99	Feasibility test of waste oyster shell powder for water treatment. <i>Chemical Engineering Research and Design</i> , 2016, 102, 129-139.	2.7	35
100	Adsorption mechanisms of lithium oxides (Li _x O ₂) on N-doped graphene: a density functional theory study with implications for lithium-air batteries. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	0.5	22
101	Sb/Cu ₂ Sb-TiC-C Composite Anode for High-Performance Sodium-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1890-1893.	0.9	4
102	In-Plane Crystallinity Effect on the Unipolar Resistance Switching Behavior of NiO Thin Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1924-1927.	0.9	0
103	Fabrication of Self-Healable and Patternable Polypyrrole/Agarose Hybrid Hydrogels for Smart Bioelectrodes. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1400-1404.	0.9	12
104	Immobilization of silver nanoparticle-decorated silica particles on polyamide thin film composite membranes for antibacterial properties. <i>Journal of Membrane Science</i> , 2016, 499, 80-91.	4.1	144
105	Cu ₂ Sb Nano-Alloys Dispersed in TiC-C Hybrid Matrix for Sodium-Ion Batteries. <i>Science of Advanced Materials</i> , 2016, 8, 80-83.	0.1	3
106	Antimony-based Intermetallic Alloy Anodes for High-Performance Sodium-Ion Batteries: Effect of Additives. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1625-1630.	1.0	10
107	Patterned growth of zinc oxide nanorods using poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (alcohol)-N-methyl-4(18)	1.1	1
108	Cu ₆ Sn ₅ -TiC-C nanocomposite anodes for high-performance sodium-ion batteries. <i>Journal of Power Sources</i> , 2015, 281, 11-17.	4.0	29

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109	Adsorption mechanisms of lithium oxides (Li ₂ O) on a graphene-based electrode: A density functional theory approach. Applied Surface Science, 2015, 351, 193-202.	3.1	30
110	Tailoring interlayer structure of molecular layer-by-layer assembled polyamide membranes for high separation performance. Applied Surface Science, 2015, 356, 659-667.	3.1	38
111	Mechanisms of Na adsorption on graphene and graphene oxide: density functional theory approach. Carbon Letters, 2015, 16, 116-120.	3.3	84
112	Enhanced electrochemical performances of Li-rich layered oxides by surface modification with reduced graphene oxide/AlPO ₄ hybrid coating. Journal of Materials Chemistry A, 2014, 2, 8696.	5.2	95
113	High-performance FeSb@TiC/C nanocomposite anodes for sodium-ion batteries. Physical Chemistry Chemical Physics, 2014, 16, 12884.	1.3	55
114	Effect of TiC addition on SnSb@C composite anodes for sodium-ion batteries. Journal of Power Sources, 2014, 269, 848-854.	4.0	59
115	Synthesis and Electrochemical Performance of Reduced Graphene Oxide/AlPO ₄ -coated LiMn _{1.5} Ni _{0.5} O ₄ for Lithium-ion Batteries. Bulletin of the Korean Chemical Society, 2014, 35, 3553-3558.	1.0	2
116	Synthesis and electrochemical performance of reduced graphene oxide/maghemite composite anode for lithium ion batteries. Carbon, 2013, 52, 56-64.	5.4	143
117	Design of a cellulose-based nanocomposite as a potential polymeric scaffold in tissue engineering. Polymer, 2013, 54, 2105-2114.	1.8	35
118	High-Performance M ₂ Sb@Al ₂ O ₃ @C (M=Fe, Ni, and Cu) Nanocomposite Alloy Anodes for Sodium-ion Batteries. Energy Technology, 2013, 1, 319-326.	1.8	21
119	Synthesis of polymer-decorated hydroxyapatite nanoparticles with a dispersed copolymer template. Journal of Materials Chemistry, 2012, 22, 11556.	6.7	14
120	Crystallization kinetics and anisotropic properties of polyethylene oxide/magnetic carbon nanotubes composite films. Polymer, 2012, 53, 2402-2411.	1.8	36
121	Anisotropic conductivity of magnetic carbon nanotubes embedded in epoxy matrices. Carbon, 2011, 49, 54-61.	5.4	102
122	Facile Alignment of Carbon Nanotubes Mediated by Tethered Maghemite Nanoparticles. Materials Research Society Symposia Proceedings, 2010, 1258, 1.	0.1	1
123	Synthesis, Characterization, and Alignment of Magnetic Carbon Nanotubes Tethered with Maghemite Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 6944-6951.	1.5	99
124	Blend membranes of Nafion/sulfonated poly(aryl ether ketone) for direct methanol fuel cell. Journal of Membrane Science, 2007, 300, 28-35.	4.1	41
125	Nafion-sulfonated poly(arylene ether sulfone) composite membrane for direct methanol fuel cell. Macromolecular Research, 2005, 13, 514-520.	1.0	11
126	Converting biomass of agrowastes and invasive plant into alternative materials for water remediation. Biomass Conversion and Biorefinery, 0, , 1.	2.9	4