Seok Kim

List of Publications by Year
in descending order

174 papers	3,166 citations	126901 33 h-index	197805 49 g-index
175 all docs	175 docs citations	175 times ranked	3880 citing authors

#	Article	IF	Citations
1	New approaches to improve cycle life characteristics of lithiumâ€“sulfur cells. Electrochemistry Communications, 2007, 9, 249-254.	4.7	162
2	Effect of carbon blacks filler addition on electrochemical behaviors of Co3O4/graphene nanosheets as a supercapacitor electrodes. Electrochimica Acta, 2013, 89, 516-522.	5.2	135
3	Synthesis and electrochemical characterization of nanostructured Ni-Co-MOF/graphene oxide composites as capacitor electrodes. Electrochimica Acta, 2019, 311, 62-71.	5.2	126
4	The effect of solvent component on the discharge performance of Lithiumâ€“sulfur cell containing various organic electrolytes. Electrochimica Acta, 2004, 50, 889-892.	5.2	90
5	Easy Synthesis of Hierarchical Carbon Spheres with Superior Capacitive Performance in Supercapacitors. Langmuir, 2013, 29, 12266-12274.	3.5	78
6	Preparation and ion-conducting behaviors of poly(ethylene oxide)-composite electrolytes containing lithium montmorillonite. Solid State Ionics, 2007, 178, 973-979.	2.7	75
7	Effects of chemical treatment of carbon supports on electrochemical behaviors for platinum catalysts of fuel cells. Journal of Power Sources, 2006, 159, 42-45.	7.8	73
8	Effect of imidazolium cation on cycle life characteristics of secondary lithiumâ€“sulfur cells using liquid electrolytes. Electrochimica Acta, 2007, 52, 2116-2122.	5.2	73
9	Effects of imidazolium salts on discharge performance of rechargeable lithiumâ€“sulfur cells containing organic solvent electrolytes. Journal of Power Sources, 2005, 152, 272-277.	7.8	70
10	Effect of nano-sized barium titanate addition on PEO/PVDF blend-based composite polymer electrolytes. Solid State Ionics, 2013, 234, 19-24.	2.7	70
11	Effect of dodecyl benzene sulfonic acid on the preparation of polyaniline/activated carbon composites by in situ emulsion polymerization. Electrochimica Acta, 2012, 59, 196-201.	5.2	68
12	Disordered mesoporous carbon as polysulfide reservoir for improved cyclic performance of lithiumâ€“sulfur batteries. Carbon, 2014, 68, 265-272.	10.3	66
13	Fluorination effect of activated carbon electrodes on the electrochemical performance of electric double layer capacitors. Journal of Fluorine Chemistry, 2011, 132, 1127-1133.	1.7	64
14	Synthesis and characterization of polyanilineâ€“polycarbonate composites prepared by an emulsion polymerization. Synthetic Metals, 1999, 104, 95-100.	3.9	63
15	Ionic conductivity of polymeric nanocomposite electrolytes based on poly(ethylene oxide) and organo-clay materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 216-219.	4.7	60
16	Effect of acid/base treatment to carbon blacks on preparation of carbon-supported platinum nanoclusters. Electrochimica Acta, 2007, 52, 3013-3021.	5.2	56
17	Synthesis of nitrogen-doped graphene supported Pt nanoparticles catalysts and their catalytic activity for fuel cells. Electrochimica Acta, 2015, 153, 566-573.	5.2	55
18	Preparation and electroactivity of polymer-functionalized graphene oxide-supported platinum nanoparticles catalysts. International Journal of Hydrogen Energy, 2013, 38, 6275-6282.	7.1	49

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19	Application of polymer-modified nanoporous silica to adsorbents of uranyl ions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 162-166.	4.7	48
20	Effect of cathode component on the energy density of lithiumâ€“sulfur battery. Electrochimica Acta, 2004, 50, 833-835.	5.2	47
21	Synthesis and electrochemical analysis of electrode prepared from zeolitic imidazolate framework (ZIF)-67/graphene composite for lithium sulfur cells. Electrochimica Acta, 2018, 259, 1021-1029.	5.2	44
22	Preparation and electrochemical behaviors of polymeric composite electrolytes containing mesoporous silicate fillers. Electrochimica Acta, 2007, 52, 3477-3484.	5.2	42
23	One-pot microwave-assisted synthesis of reduced graphene oxide/nickel cobalt double hydroxide composites and their electrochemical behavior. Journal of Industrial and Engineering Chemistry, 2016, 33, 108-114.	5.8	42
24	Influence of plasma treatment of carbon blacks on electrochemical activity of Pt/carbon blacks catalysts for DMFCs. Journal of Power Sources, 2006, 159, 46-48.	7.8	40
25	NiMn₂O₄ Nanosheetâ€Decorated Hierarchically Porous Polyaromatic Carbon Spheres for Highâ€Performance Supercapacitors. ChemElectroChem, 2017, 4, 1214-1221.	3.4	39
26	Preparation of functionalized nanoporous carbons for uranium loading. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 292-295.	4.7	38
27	Influence of crystallinity on ion conductivity of PEO-based solid electrolytes for lithium batteries. Macromolecular Research, 2010, 18, 336-340.	2.4	37
28	Preparation and electrochemical properties of composite polymer electrolytes containing 1-ethyl-3-methylimidazolium tetrafluoroborate salts. Electrochimica Acta, 2009, 54, 3775-3780.	5.2	36
29	Electrochemical and structural properties of lithium battery anode materials by using a molecular weight controlled pitch derived from petroleum residue. Journal of Industrial and Engineering Chemistry, 2016, 41, 1-9.	5.8	36
30	Preparation and electrocatalytic activities of platinum nanoclusters deposited on modified multi-walled carbon nanotubes supports. Analytica Chimica Acta, 2008, 619, 43-48.	5.4	34
31	Electroactivity of Ptâ€“Ru/polyaniline composite catalyst-electrodes prepared by electrochemical deposition methods. Solid State Ionics, 2008, 178, 1915-1915.	2.7	34
32	Preparation and capacitance behaviors of cobalt oxide/graphene composites. Carbon Letters, 2012, 13, 130-132.	5.9	34
33	Synthesis and electrochemical analysis of polyaniline/TiO2 composites prepared with various molar ratios between aniline monomer and para-toluenesulfonic acid. Electrochimica Acta, 2012, 78, 279-285.	5.2	34
34	Electrochemical properties of polyaniline composite electrodes prepared by in-situ polymerization in titanium dioxide dispersed aqueous solution. Synthetic Metals, 2012, 162, 695-701.	3.9	33
35	Annealing effect on the electrochemical property of polyaniline complexed with various acids. Synthetic Metals, 1998, 97, 127-133.	3.9	32
36	Application of Ordered Nanoporous Silica for Removal of Uranium Ions from Aqueous Solutions. Journal of Nanoscience and Nanotechnology, 2010, 10, 217-221.	0.9	32

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37	Electrical Conductivity Change of Polyaniline-Dodecyl Benzene Sulfonic Acid Complex with Temperature. Polymers for Advanced Technologies, 1996, 7, 599-603.	3.2	29
38	Study on Ion Conductivity and Crystallinity of Composite Polymer Electrolytes Based on Poly(ethylene oxide)/Poly(acrylonitrile) Containing Nano-Sized Al₂O₃ Fillers. Journal of Nanoscience and Nanotechnology, 2013, 13, 7865-7869.	0.9	28
39	Electrical signal effect on electrochemical activities of metal catalysts electrically deposited on carbon nanotubes. Electrochimica Acta, 2008, 53, 4082-4088.	5.2	27
40	Preparation and electrochemical property of ionic liquid-attached graphene nanosheets for an application of supercapacitor electrode. Electrochimica Acta, 2014, 119, 11-15.	5.2	27
41	Direct growth of cobalt aluminum double hydroxides on graphene nanosheets and the capacitive properties of the resulting composites. Electrochimica Acta, 2015, 163, 252-259.	5.2	26
42	Preparation and application of chelating polymerâ€“mesoporous carbon composite for copper-ion adsorption. Carbon, 2009, 47, 1043-1049.	10.3	25
43	Understanding of Electrochemical Oxidation Route of Electrically Isolated Li₂S Particles. Journal of the Electrochemical Society, 2014, 161, A2133-A2137.	2.9	25
44	Capacitance behaviors of Polyaniline/Graphene Nanosheet Composites Prepared by Aniline Chemical Polymerization. Carbon Letters, 2013, 14, 51-54.	5.9	25
45	Preparation and electrochemical behaviors of platinum nanoparticles impregnated on binary carbon supports as catalyst electrodes of direct methanol fuel cells. Journal of Solid State Electrochemistry, 2007, 11, 821-828.	2.5	24
46	Interlayer spacing effect of alkylammonium-modified montmorillonite on conducting and mechanical behaviors of polymer composite electrolytes. Journal of Colloid and Interface Science, 2009, 332, 145-150.	9.4	24
47	Surface-modified reduced graphene oxide electrodes for capacitors by ionic liquids and their electrochemical properties. Applied Surface Science, 2014, 295, 31-37.	6.1	22
48	Preparation and Electrochemical Characterization of Pt-Supported Flake-like Graphitic Carbon Nitride on Reduced Graphene Oxide as Fuel Cell Catalysts. Journal of the Electrochemical Society, 2015, 162, F1181-F1190.	2.9	19
49	Preparation and Capacitance of Ni Metal Organic Framework/Reduced Graphene Oxide Composites for Supercapacitors as Nanoarchitectonics. Journal of Nanoscience and Nanotechnology, 2020, 20, 2750-2754.	0.9	19
50	Preparation and characterization of carbon-related materials supports for catalysts of direct methanol fuel cells. Current Applied Physics, 2010, 10, 1142-1147.	2.4	18
51	Electrochemical properties of dodecylsulfate-doped polypyrrole films in aqueous solution containing NH4Cl and ZnCl2. Synthetic Metals, 1994, 64, 9-15.	3.9	17
52	Preparation and electrocatalytic oxidation performance of Pt/MnO2â€“graphene oxide nanocomposites. Journal of Industrial and Engineering Chemistry, 2015, 26, 265-269.	5.8	17
53	The Role of the Carbon Framework in Sulfur-Carbon Composite Cathodes in Li-S Batteries. Electrochimica Acta, 2016, 212, 212-216.	5.2	17
54	Pore size distribution control of pitch-based activated carbon for improvement of electrochemical property. Journal of Industrial and Engineering Chemistry, 2016, 35, 341-346.	5.8	17

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55	Controlling the electrochemical properties of an anode prepared from pitch-based soft carbon for Li-ion batteries. Journal of Industrial and Engineering Chemistry, 2017, 45, 99-104.	5.8	17
56	All-Solid-State Lithium Battery Working without an Additional Separator in a Polymeric Electrolyte. Polymers, 2018, 10, 1364.	4.5	17
57	Nitrogen Modified-Reduced Graphene Oxide Supports for Catalysts for Fuel Cells and Their Electrocatalytic Activity. Journal of the Electrochemical Society, 2014, 161, F518-F524.	2.9	16
58	Preparation of polyethylene oxide composite electrolytes containing imidazolium cation salt-attached titanium oxides and their conducing behavior. Journal of Industrial and Engineering Chemistry, 2015, 31, 352-359.	5.8	16
59	Effect of Modification by Polydopamine and Polymeric Carbon Nitride on Methanol Oxidation Ability of Pt Catalysts-Supported on Reduced Graphene Oxide. Journal of the Electrochemical Society, 2016, 163, F668-F676.	2.9	16
60	Conducting Polymer Coated Graphene Oxide Electrode for Rechargeable Lithium-Sulfur Batteries. Journal of Nanoscience and Nanotechnology, 2016, 16, 2692-2695.	0.9	16
61	Effect of monomer concentration on interfacial synthesis of platinum loaded polyaniline nanocomplex using poly(styrene sulfonic acid). Synthetic Metals, 2011, 161, 2446-2450.	3.9	15
62	Preparation and Electrochemical Characterization of Polyaniline/Activated Carbon Composites as an Electrode Material for Supercapacitors. Journal of Nanoscience and Nanotechnology, 2012, 12, 519-524.	0.9	15
63	Fabrication and Capacitance of Co₃O₄-Graphene Nanocomposites Electrode Prepared by Pulse Microwave-assisted Reduction Methods. Bulletin of the Korean Chemical Society, 2012, 33, 4247-4250.	1.9	15
64	An experimental study on the effect of mesoporous silica addition on ion conductivity of poly(ethylene oxide) electrolytes. Current Applied Physics, 2008, 8, 729-731.	2.4	14
65	Preparation and Electrochemistry of Platinum Nanoparticles Deposited on Ionic-Liquid-Decorated Reduced Graphene Oxide with an Enhanced Methanol Catalytic Activity. Journal of the Electrochemical Society, 2014, 161, F641-F648.	2.9	14
66	Effect of alkyl-chain length of imidazolium based ionic liquid on ion conducting and interfacial properties of organic electrolytes. Journal of Industrial and Engineering Chemistry, 2015, 26, 136-142.	5.8	14
67	Catalytic activity of electrically deposited platinum nanoparticle catalysts on graphite nanofibers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 220-223.	4.7	13
68	Electrochemical Reduction Mechanism of Sulfur Particles Electrically Isolated from Carbon Cathodes of Lithium-Sulfur Cells. Journal of the Electrochemical Society, 2014, 161, A2117-A2120.	2.9	13
69	Microwave-assisted one-pot synthesis of iron(II, III) oxide/reduced graphene oxide for an application of supercapacitor electrode. Carbon Letters, 2019, 29, 411-418.	5.9	13
70	Preparation and capacitive property of graphene oxide composite supercapacitor electrodes functionalized by Fe-based metalâ€“organic frameworks. Carbon Letters, 2022, 32, 273-283.	5.9	13
71	Study on Electrochemical Performance of Various Oxides-Coated LiNi0.5Mn1.5O4 Cathode for Lithium Ion Battery. Electronic Materials Letters, 2019, 15, 481-492.	2.2	12
72	Synthesis and electrochemical performances of platinum decorated polydopamine-coated carbon nanotubes/graphene composites as fuel cell catalysts. Journal of Alloys and Compounds, 2020, 822, 153586.	5.5	12

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73	Synthesis of Tin Oxide Nanoparticle Film by Cathodic Electrodeposition. Journal of Nanoscience and Nanotechnology, 2012, 12, 1616-1619.	0.9	11
74	Preparation and electrochemical analysis of graphene nanosheets/nickel hydroxide composite electrodes containing carbon nanotubes. Journal of Industrial and Engineering Chemistry, 2016, 36, 139-146.	5.8	11
75	Growth of multiwalled carbon nanotubes from acetylene over in situ formed Co nanoparticles on MgO support. Solid State Communications, 2006, 139, 102-107.	1.9	10
76	Preparation and application of chelating polymer-mesoporous silica composite for Europium-ion adsorption. Macromolecular Research, 2011, 19, 421-426.	2.4	10
77	Effect of polydopamine-modified reduced graphene oxides on the catalytic activity of Pt nanoparticles catalysts for fuel cell electrodes. Carbon Letters, 2019, 29, 47-55.	5.9	10
78	Particle Size Control Influence on the Electrochemical Properties of Sulfur Deposited on Metal Organic Frameworks Host Electrodes. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1931-1938.	3.7	10
79	Electrochemical properties of PEO/PMMA blend-based polymer electrolytes using imidazolium salt-supported silica as a filler. Research on Chemical Intermediates, 2013, 39, 3279-3290.	2.7	9
80	Synthesis and electrochemical analysis of Pt-loaded, polypyrrole-decorated, graphene-composite electrodes. Carbon Letters, 2013, 14, 117-120.	5.9	9
81	Production of Pt nanoparticles-supported chelating group-modified graphene for direct methanol fuel cells. Research on Chemical Intermediates, 2014, 40, 2509-2517.	2.7	9
82	Preparation and electrochemical analysis of graphene/polyaniline composites prepared by aniline polymerization. Research on Chemical Intermediates, 2014, 40, 2519-2525.	2.7	9
83	Fluoroethylene Carbonate Addition Effect on Electrochemical Properties of Mixed Carbonate-based Organic Electrolyte Solution for a Capacitor. Bulletin of the Korean Chemical Society, 2014, 35, 466-470.	1.9	9
84	Platinum Supported Nitrogen-Doped Carbon Nanotubes/ZIF-8 Derived Carbon Composite Electrodes for a Methanol Oxidation. Journal of Nanoscience and Nanotechnology, 2019, 19, 4661-4664.	0.9	8
85	Electrochemical Study of Bimetal Organic Frameworks with Graphene Oxide for Lithium-Sulfur Cells as Nanoarchitectonics. Journal of Nanoscience and Nanotechnology, 2020, 20, 2746-2749.	0.9	8
86	pH effect on the electrochemical redox reaction of disulfide with polyaniline film electrode in organic solution. Synthetic Metals, 1998, 96, 213-221.	3.9	7
87	Preparation and characterization of mesoporous carbon-supported Pt nanocatalyst and its stability under strong acidic solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 167-170.	4.7	7
88	Effect of solvated ionic liquids on the ion conducting property of composite membranes for lithium ion batteries. Research on Chemical Intermediates, 2018, 44, 6039-6051.	2.7	7
89	Preparation of reduced graphene oxide electrodes treated by electron beam irradiation and their electrochemical behaviors. Research on Chemical Intermediates, 2019, 45, 2715-2726.	2.7	7
90	Carboxylated Group Effect of Graphene Oxide on Capacitance Performance of Zr-Based Metal Organic Framework Electrodes. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1939-1945.	3.7	7

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91	Influence of Electrolyte Composition on Electrochemical Performance of Li-S Cells. Bulletin of the Korean Chemical Society, 2014, 35, 1299-1304.	1.9	7
92	Roles of metal nanoparticles on organosulfur-conducting polymer composites for lithium battery with high energy density. Macromolecular Symposia, 2002, 186, 35-40.	0.7	6
93	Effect of fluorineâ€“oxygen mixed gas treated graphite fibers on electrochemical behaviors of platinumâ€“ruthenium nanoparticles toward methanol oxidation. Journal of Fluorine Chemistry, 2012, 144, 124-129.	1.7	6
94	Electrochemical properties of non-aqueous electrolytes containing spiro-type ammonium salts. Journal of Industrial and Engineering Chemistry, 2014, 20, 4447-4451.	5.8	6
95	Electrochemical Analysis of Polyethyleneimine-Conductive Carbon Black Supports for Ptâ€“Pd Electrocatalysts. Journal of Nanoscience and Nanotechnology, 2015, 15, 1610-1613.	0.9	6
96	Electrochemical properties of organic electrolyte solutions containing 1-ethyl-3-methylimidazolium tetrafluoroborate salt. Research on Chemical Intermediates, 2015, 41, 4749-4759.	2.7	6
97	Electrochemical Characterization of Nano-Structured Graphene Oxide/CNT Electrodes Containing Sulfur for Lithium Rechargeable Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 9186-9189.	0.9	6
98	Importance of Specific Capacity Based on the Mass of Active Material in the High Energy Density Liâ€‹<scp>SO₂</scp> Secondary Batteries with an Inorganic Electrolyte. Bulletin of the Korean Chemical Society, 2016, 37, 917-922.	1.9	6
99	Effect of addition of 1-butyl-3-methylimidazolium thiocyanate on conductivity of Na-containing polymer electrolyte. Research on Chemical Intermediates, 2017, 43, 5403-5411.	2.7	6
100	Electrochemical Behavior Study of Flower-Shaped Bimetal Organic Frameworks with Graphene Oxide for Cathode of Lithium Sulfur Batteries. Journal of Nanoscience and Nanotechnology, 2020, 20, 4933-4936.	0.9	6
101	Preparation and electrochemical activity of platinum catalyst-supported graphene and Fe-based metal-organic framework composite electrodes for fuel cells. Journal of Industrial and Engineering Chemistry, 2022, 105, 259-267.	5.8	6
102	Electrochemical properties of dodecylbenzenesulfonic acid â€” doped polyaniline film in various organic electrolyte solutions. Synthetic Metals, 1995, 69, 139-140.	3.9	5
103	A Mesoporous Chelating Polymer-Carbon Composite for the Hyper-Efficient Separation of Heavy Metal Ions. Journal of Nanoscience and Nanotechnology, 2020, 20, 3042-3046.	0.9	5
104	Preparation and electrochemical behaviors of platinum nanocluster catalysts deposited on plasma-treated carbon nanotube supports. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 189-192.	4.7	4
105	Electrochemical properties of carbon nanotube-supported metallic catalysts prepared by changing a sweep- or step-applied potential. Research on Chemical Intermediates, 2010, 36, 693-701.	2.7	4
106	Electrochemical Properties of Composite Electrolytes Based on Poly(ethylene oxide)/Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 685-689.	0.9	4
107	Synthesis of Amorphous Carbon Materials for Lithium Secondary Batteries. Journal of Nanoscience and Nanotechnology, 2014, 14, 7788-7792.	0.9	4
108	Filler Effect of Ionic Liquid Attached Titanium Oxide on Conducting Property of Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T Nanotechnology, 2014, 14, 8010-8013.	0.9	4

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109	Preparation and Electrochemical Properties of Polyaniline Composite Electrodes Prepared by <I>In-Situ</I> Polymerization in Hydrous Ruthenium Oxide Dispersed Aqueous Solution. Journal of Nanoscience and Nanotechnology, 2015, 15, 1443-1447.	0.9	4
110	Effect of Ionic Liquids on the Capacitance Behaviors of Activated Carbon Electrodes Against Organic Electrolytes. Journal of Nanoscience and Nanotechnology, 2016, 16, 9149-9152.	0.9	4
111	Preparation and Electrochemical Behaviors of Sulfur-Containing Electrodes as a Function of Thermal Treatment Temperature. Journal of Nanoscience and Nanotechnology, 2018, 18, 279-283.	0.9	4
112	Effect of Reducing Agent on Preparation and Electroactivity of MnO2/Graphene Composite Electrode for Capacitors. Journal of Nanoscience and Nanotechnology, 2018, 18, 7128-7131.	0.9	4
113	Synthesis of Bi-Metallic Organic Frameworks and Their Capacitive Behaviors According to Metal Mixing Ratio. Journal of Nanoscience and Nanotechnology, 2020, 20, 2987-2991.	0.9	4
114	Preparation and Catalytic Activity of Platinum Supported on Amine-Functionalized MIL-101 (Fe)/Nitrogen-Doped Carbon Nanotube Composite for Fuel Cells. Journal of Nanoscience and Nanotechnology, 2021, 21, 4644-4648.	0.9	4
115	Mesoporous Carbon Additives for Long Cycle Life Sulfur Cathodes of Li-S Batteries. Bulletin of the Korean Chemical Society, 2014, 35, 3331-3335.	1.9	4
116	Conducting and interface characterization of carbonate-type organic electrolytes containing EMImBF₄as an additive against activated carbon electrode. Carbon Letters, 2015, 16, 51-56.	5.9	4
117	Ion conducting properties of imidazolium salts with tri-alkyl chains in organic electrolytes against activated carbon electrodes. Carbon Letters, 2016, 17, 70-73.	5.9	4
118	Study on urea precursor effect on the electroactivities of nitrogen-doped graphene nanosheets electrodes for lithium cells. Carbon Letters, 2016, 19, 40-46.	5.9	4
119	Microstructural Modification of NiAl Layered Double Hydroxide Electrodes by Adding Graphene Nanosheets and Their Capacitative Property. Bulletin of the Korean Chemical Society, 2015, 36, 665-671.	1.9	4
120	Preparation and electrochemical characterization of platinum and ruthenium catalysts deposited on fluorinated carbon supports. Journal of Applied Electrochemistry, 2009, 39, 1553-1558.	2.9	3
121	Electrochemical Behaviors of Polymer Composite Electrolytes Containing Functionalized Nanosize Clays. Journal of Nanoscience and Nanotechnology, 2010, 10, 325-328.	0.9	3
122	Precursor Solvent Influence on Preparation and Electrochemical Properties of Platinum Nanoparticles Electrodes. Journal of Nanoscience and Nanotechnology, 2012, 12, 1705-1708.	0.9	3
123	Effect of Plasma Treatments to Graphite Nanofibers Supports on Electrochemical Behaviors of Metal Catalyst Electrodes. Journal of Nanoscience and Nanotechnology, 2012, 12, 1513-1516.	0.9	3
124	Ion conducting properties of poly(ethylene oxide)-based electrolytes incorporating amorphous silica attached with imidazolium salts. Research on Chemical Intermediates, 2013, 39, 1409-1416.	2.7	3
125	Electrochemical Characterization of Graphene-Co₃O₄ Composite Electrode in Organic Electrolyte Solution Containing Sulfur. Journal of Nanoscience and Nanotechnology, 2014, 14, 2472-2476.	0.9	3
126	Influence of KMnO4 oxidation on the electrochemical performance of pitch-based activated carbons. Research on Chemical Intermediates, 2014, 40, 2527-2534.	2.7	3

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127	Preparation and Capacitive Property of Graphene Nanosheets Prepared by Using an Electrostatic Method. Journal of Nanoscience and Nanotechnology, 2014, 14, 7784-7787.	0.9	3
128	Pt-Supported Carbon Nanotubes/Reduced Graphene Oxide Composite Electrodes for a Methanol Oxidation. Journal of Nanoscience and Nanotechnology, 2016, 16, 8598-8601.	0.9	3
129	Preparation of Platinum Deposited Graphene Oxide Modified g-C₃N₄ via Thermal Annealing for Methanol Electrooxidation. Journal of Nanoscience and Nanotechnology, 2016, 16, 9111-9114.	0.9	3
130	Study on Ion-Conducting Properties of Ionic Liquid Containing Carbonate Electrolytes Against Carbon Electrode. Journal of Nanoscience and Nanotechnology, 2016, 16, 2765-2768.	0.9	3
131	Thermal and Electrical Conducting Property of Sodium Polymer Electrolyte Containing Barium Titanate Filler. Journal of Nanoscience and Nanotechnology, 2017, 17, 5768-5770.	0.9	3
132	Synthesis of Fe₂O₃/KOH-Activated Reduced Graphene Oxide Electrodes and Their Electrochemical Analysis. Journal of Nanoscience and Nanotechnology, 2018, 18, 314-317.	0.9	3
133	Catalytic activity and controllable deposition of platinum nanoparticles on ionic polymer-functionalized graphene as catalysts for direct methanol fuel cells. Carbon Letters, 2015, 16, 260-264.	5.9	3
134	Electrochemical Analysis of Polyethylenimine-Modified Graphene Oxide Supports for Pt Nanoparticles Catalyst Electrode. Journal of Nanoscience and Nanotechnology, 2014, 14, 2388-2394.	0.9	2
135	Influence of Adiponitrile Additive on Ethylene Carbonateâ€based Electrolyte for Capacitors. Bulletin of the Korean Chemical Society, 2015, 36, 99-103.	1.9	2
136	Effects of Porous Carbon Cathode Additives on the Electrochemical Performance of Liâ€“S Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 4438-4443.	0.9	2
137	Fabrication and Characterization of the Graphene Composites Containing Embedded Manganese Dioxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2018, 18, 284-287.	0.9	2
138	Mesoporous Carbonâ€dispersed Carbon Nanotube Film Electrode Incorporated with Sulfur for Longâ€Life Liâ€“S Batteries. Bulletin of the Korean Chemical Society, 2019, 40, 412-417.	1.9	2
139	Preparation and Electrochemical Analysis of Ni-Based Metal Organic Frameworks Containing Binary Ligands for Capacitor Electrodes. Journal of Nanoscience and Nanotechnology, 2021, 21, 4670-4674.	0.9	2
140	Carbon Nanotube-Based Sulfur Cathode with a Mesoporous Carbon-Silica Composite for Long Cycle Life Liâ€“S Batteries. Journal of Nanoscience and Nanotechnology, 2020, 20, 4949-4954.	0.9	2
141	Li2S-Incorporated Separator for Achieving High-Energy-Density Li-S Batteries. Journal of Electrochemical Science and Technology, 2020, 11, 33-40.	2.2	2
142	Reduction Behaviors of Nitric Oxides on Copper-decorated Mesoporous Molecular Sieves. Bulletin of the Korean Chemical Society, 2010, 31, 100-103.	1.9	2
143	Study on electrochemical performances of sulfur-containing graphene nanosheets electrodes for lithium-sulfur cells. Carbon Letters, 2014, 15, 113-116.	5.9	2
144	Electrochemical characterization of activated carbon-sulfur composite electrode in organic electrolyte solution. Carbon Letters, 2013, 14, 126-130.	5.9	2

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145	Preparation and Electroactivity of Pt Catalysts on Unzipped Multi-Walled Carbon Nanotube and Graphene Oxide. Journal of Nanoscience and Nanotechnology, 2020, 20, 4998-5001.	0.9	2
146	Adsorption Characteristics of Uranyl Ions on Carboxymethylated Polyethyleneimine (CM-PEI) / Activated Carbon Composites. Solid State Phenomena, 2007, 124-126, 1257-1260.	0.3	1
147	Ion Conductivity of Polymer Electrolytes Based on PEO Containing Li Salt and Additive Salt. Solid State Phenomena, 2007, 119, 119-122.	0.3	1
148	Preparation of Platinum-Ruthenium Nanoparticles on Graphite Nanofibers. Solid State Phenomena, 2008, 135, 39-42.	0.3	1
149	Electrochemical Properties of Carbon-Supported Metal Nanoparticles Prepared by Electroplating Methods. , 2012, , .		1
150	Preparation of polymeric modifier-attached graphene-supported bimetallic Ptâ€“Pd nanocomposites, and their electrochemical properties as electro-catalysts. Research on Chemical Intermediates, 2014, 40, 2773-2783.	2.7	1
151	Effects of Selective Polymerization Conditions on Physical Properties of Nanometerâ€Scale Silica/Polypyrrole Composites. Bulletin of the Korean Chemical Society, 2015, 36, 2881-2884.	1.9	1
152	Enhanced Catalytic Activity of Pt Supported on Nitrogen-Doped Reduced Graphene Oxide Electrodes for Fuel Cells. Journal of Nanoscience and Nanotechnology, 2015, 15, 9088-9092.	0.9	1
153	Synthesis of GNS/TiO₂ Electrodes Through Solâ€“Gel Method and Their Electrochemical Analysis for Capacitors. Journal of Nanoscience and Nanotechnology, 2016, 16, 8594-8597.	0.9	1
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155	Study on Effect of Carbon Surface Functionalization on Reduced Graphene Oxide Electrodes for Fuel Cells. Journal of Nanoscience and Nanotechnology, 2017, 17, 5701-5704.	0.9	1
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