

Hyun Min Jung

List of Publications by Year in descending order

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35
papers

1,457
citations

471509

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synergistic Effects of Fe ₂ O ₃ Nanotube/Polyaniline Composites for an Electrochemical Supercapacitor with Enhanced Capacitance. <i>Nanomaterials</i> , 2021, 11, 1557.	4.1	14
2	Glycolysis reactivity of D-isosorbide-containing copolyesters for chemical recycling of glycol-modified polyesters. <i>Polymer Degradation and Stability</i> , 2020, 180, 109300.	5.8	1
3	Non-flammable LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode via functional binder; stabilizing high-voltage interface and performance for safer and high-energy lithium rechargeable batteries. <i>Electrochimica Acta</i> , 2019, 317, 711-721.	5.2	43
4	Fluorinated Polyimide as a Novel High-Voltage Binder for High-Capacity Cathode of Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1704690.	14.9	100
5	Poly(imide-co-siloxane) as a Thermo-Stable Binder for a Thin Layer Cathode of Thermal Batteries. <i>Energies</i> , 2018, 11, 3154.	3.1	10
6	Enhanced catalytic glycolysis conditions for chemical recycling of glycol-modified poly(ethylene) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 5	5.8	26
7	Controlled ionic complexation of positively charged phenylene-based conjugated polymers by modulated backbone structures. <i>Polymer International</i> , 2018, 67, 1629-1637.	3.1	0
8	Thin cathode for thermal batteries using a tape-casting process. <i>Ceramics International</i> , 2017, 43, 5789-5793.	4.8	30
9	Enhanced dielectric properties of polyimide/BaTiO ₃ nanocomposite by embedding the polypyrrole@polyimide core-shell nanoparticles. <i>Macromolecular Research</i> , 2017, 25, 290-296.	2.4	8
10	Amide-based oligomers for low-viscosity composites of polyamide 66. <i>Macromolecular Research</i> , 2017, 25, 1000-1006.	2.4	8
11	Interfacial generation of plates assembled with Fe ₂ O ₃ nano-flakes for electrochemical capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2016, 770, 44-49.	3.8	9
12	Nano-scale insulation effect of polypyrrole/polyimide core-shell nanoparticles for dielectric composites. <i>Composites Science and Technology</i> , 2016, 129, 153-159.	7.8	23
13	Copper-Catalyzed Synthesis of Amino-Substituted Polycyclic Aromatic Hydrocarbons by the Sequential Reaction between Aryl Alkynyl Carboxylic Acids and Amines. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 969-974.	2.7	8
14	Catalyzed Transesterification Kinetics in Early Stage of Polycarbonate Melt Polymerization. <i>Porrime</i> , 2015, 39, 235-239.	0.2	0
15	The Preparation of Size-Controllable Hollow Polyimide Microspheres by Surface Imidization of Electrospayed Droplets. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 424-429.	3.6	6
16	Preparation of polymer-bound palladium catalyst and its application to the reduction of nitro arenes and the hydrodehalogenation of aryl halides. <i>Journal of Organometallic Chemistry</i> , 2014, 755, 7-11.	1.8	13
17	Performance Enhancement of 4.8 V Li _{1.2} Mn _{0.525} Ni _{0.175} Co _{0.1} O ₂ Battery Cathode Using Fluorinated Linear Carbonate as a High-Voltage Additive. <i>Journal of the Electrochemical Society</i> , 2014, 161, A2002-A2011.	2.9	68
18	Preparation of Thermostable Polyimide/Polysiloxane Double Layered Films with Pressure-sensitive Adhesion Property. <i>Porrime</i> , 2014, 38, 544-549.	0.2	0

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19	Fluoropropane sultone as an SEI-forming additive that outperforms vinylene carbonate. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11975.	10.3	76
20	Preparation of Aminosiloxane-grafted Poly(imidesiloxane) Copolymer and its Morphology and Adhesive Properties in Film. <i>Porrime</i> , 2013, 37, 547-552.	0.2	0
21	Palladium-Catalyzed Carbonylation with Mo(CO) ₆ for the Synthesis of Benzoylacetoneitriles. <i>Synthesis</i> , 2012, 44, 2885-2888.	2.3	21
22	Facile fabrication of superhydrophobic coatings with polyimide particles using a reactive electro spraying process. <i>Journal of Materials Chemistry</i> , 2012, 22, 16005.	6.7	29
23	Preparation of copper(II) oxide bound on polystyrene beads and its application in the aryl aminations: synthesis of Imatinib. <i>Tetrahedron Letters</i> , 2012, 53, 6657-6661.	1.4	14
24	Enhanced Catalytic Performance by Zirconium Phosphate-Modified SiO ₂ -Supported Ru ₂ Co Catalyst for Fischer-Tropsch Synthesis. <i>ChemCatChem</i> , 2011, 3, 1342-1347.	3.7	39
25	Barium Titanate Nanoparticles with Diblock Copolymer Shielding Layers for High-Energy Density Nanocomposites. <i>Chemistry of Materials</i> , 2010, 22, 450-456.	6.7	149
26	Ligand-free Palladium-Catalyzed Mizoroki-Heck-type Reaction of Arylboronic Acids and Alkenes Using Silver Cation. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1789-1792.	1.9	5
27	Suzuki-Miyaura Coupling Reactions Using Phosphite Ligands. <i>Synthesis</i> , 2009, 2009, 2073-2075.	2.3	2
28	Fully aromatic polyimide gate insulators with low temperature processability for pentacene organic thin-film transistors. <i>Organic Electronics</i> , 2009, 10, 12-17.	2.6	40
29	Synthesis of Phosphinodiselenoic Acid Ester Derivatives and their Application in the Controlled Radical Polymerization of Styrene. <i>Bulletin of the Korean Chemical Society</i> , 2009, 30, 2129-2131.	1.9	13
30	One-Pot Synthesis of Diarylalkynes Using Palladium-Catalyzed Sonogashira Reaction and Decarboxylative Coupling of sp ² Carbon and sp ³ Carbon. <i>Organic Letters</i> , 2008, 10, 945-948.	4.6	281
31	Hollow hybrid spheres with silica inner shell for non-deformable, core exchangeable properties. <i>Chemical Communications</i> , 2008, , 5405.	4.1	7
32	Aminocarbonylation of Aryl Halides Using a Nickel Phosphite Catalytic System. <i>Organic Letters</i> , 2007, 9, 4615-4618.	4.6	116
33	Palladium-catalyzed cross-coupling of trimethoxysilylbenzene with aryl bromides and chlorides using phosphite ligands. <i>Tetrahedron Letters</i> , 2006, 47, 8673-8678.	1.4	38
34	Baylis-Hillman Mechanism: A New Interpretation in Aprotic Solvents. <i>Organic Letters</i> , 2005, 7, 147-150.	4.6	184
35	Synthesis and Characterization of Cross-Linked Reverse Micelles. <i>Journal of the American Chemical Society</i> , 2003, 125, 5351-5355.	13.7	76