

# Nam-Ju Jo

## List of Publications by Year in descending order

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35  
papers

451  
citations

840776

11  
h-index

713466

21  
g-index

35  
all docs

35  
docs citations

35  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on ionic transport mechanism and interactions between salt and polymer chain in PAN based solid polymer electrolytes containing LiCF <sub>3</sub> SO <sub>3</sub> . <i>Electrochimica Acta</i> , 2004, 50, 289-293.	5.2	84
2	Decoupled ion conduction mechanism of poly(vinyl alcohol) based Mg-conducting solid polymer electrolyte. <i>Electrochimica Acta</i> , 2006, 52, 1549-1555.	5.2	72
3	Polystyrene-Al <sub>2</sub> O <sub>3</sub> composite solid polymer electrolyte for lithium secondary battery. <i>Nanoscale Research Letters</i> , 2012, 7, 19.	5.7	36
4	Polyurethane-based Actuators with Various Polyols. <i>Journal of Materials Science and Technology</i> , 2010, 26, 763-768.	10.7	32
5	Preparation and properties of polyimide/silica hybrid composites based on polymer-modified colloidal silica. <i>Journal of Applied Polymer Science</i> , 2006, 100, 2053-2061.	2.6	29
6	One-pot synthesis of multi-functional magnetite@polysilsesquioxane hybrid nanoparticles for the selective Fe <sup>3+</sup> and some heavy metal ions adsorption. <i>RSC Advances</i> , 2017, 7, 19106-19116.	3.6	21
7	Analysis of Fatigue Behavior of High-Density Polyethylene Based on Nonlinear Viscoelastic Measurement under Cyclic Fatigue. <i>Polymer Journal</i> , 1993, 25, 721-729.	2.7	19
8	Folic Acid-Polyethyleneimine Functionalized Mesoporous Silica Nanoparticles as a Controlled Release Nanocarrier. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6217-6224.	0.9	16
9	Effect of aggregation structure on non-linear dynamic viscoelastic characteristics of oriented high-density polyethylenes under cyclic fatigue. <i>Polymer</i> , 1997, 38, 5195-5201.	3.8	13
10	Isothermal crystallization behavior and properties of polypropylene/EPR blends nucleated with sodium benzoate. <i>Journal of Applied Polymer Science</i> , 2002, 83, 201-211.	2.6	13
11	Effect of Crystalline Relaxation on Fatigue Behavior of the Oriented High-Density Polyethylene Based on Nonlinear Viscoelastic Measurements. <i>Polymer Journal</i> , 1994, 26, 1027-1036.	2.7	11
12	Recovery and characterization of pure poly(3,4-ethylenedioxythiophene) via biomimetic template polymerization. <i>Polymer Engineering and Science</i> , 2007, 47, 71-75.	3.1	11
13	Self-polishing behavior of zinc-based copolymer with different monomer composition. <i>Macromolecular Research</i> , 2014, 22, 978-982.	2.4	11
14	Synthesis and functionalisation of mesoporous materials for transparent coatings and organic dye adsorption. <i>New Journal of Chemistry</i> , 2018, 42, 10254-10262.	2.8	11
15	Life-time prediction of a chloroprene rubber (CR) O-ring using intermittent compression stress relaxation (CSR) and time-temperature superposition (TTS) Principle. <i>Macromolecular Research</i> , 2011, 19, 555-562.	2.4	10
16	Fabrication and performance evaluation of diaphragm-type polymer actuators using segmented polyurethane according to chemical-hard-segment content. <i>Sensors and Actuators A: Physical</i> , 2007, 136, 367-373.	4.1	9
17	Control of Polyaniline Particle Shapes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1083-1093.	2.2	8
18	PVDF-Based Nanocomposite Solid Polymer Electrolytes; the Effect of Affinity Between PVDF and Filler on Ionic Conductivity. <i>Composite Interfaces</i> , 2009, 16, 347-358.	2.3	8

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19	Synthesis of poly{[(2-oxo-1,3-dioxolan-4-yl)-methyl vinyl ether]-co-acrylonitrile} and its miscibility with SAN. <i>Polymer International</i> , 2002, 51, 1023-1030.	3.1	7
20	The influence of the cations of salts on the electrochemical stability of a solid polymer electrolyte based on segmented poly(ether urethane). <i>Physica Scripta</i> , 2010, T139, 014035.	2.5	6
21	Actuation behavior of waterborne polyurethane/conductive filler nanocomposite electrode. <i>Composite Interfaces</i> , 2007, 14, 477-491.	2.3	5
22	Fabrication and properties of glass cloth reinforced multifunctional acrylic polymer substrate. <i>Polymer Bulletin</i> , 2016, 73, 2485-2492.	3.3	5
23	Thermally stable superhydrophobic polymethylhydrosiloxane nanohybrids with liquid marble-like structure. <i>Macromolecular Research</i> , 2017, 25, 387-390.	2.4	4
24	THE EFFECT OF HSAB PRINCIPLE ON ELECTROCHEMICAL PROPERTIES OF POLYMER-IN-SALT ELECTROLYTES WITH ALIPHATIC POLYMER. <i>Surface Review and Letters</i> , 2010, 17, 63-68.	1.1	3
25	Preparation and characterization of mesoporous materials based on silsesquioxane by block copolymer templating. <i>Polymer International</i> , 2002, 51, 1225-1230.	3.1	2
26	Micellar core-shell-type acrylic-polyurethane hybrid materials with self-polishing property. <i>Composite Interfaces</i> , 2016, 23, 797-805.	2.3	2
27	Electrochemical Properties of PVDF-Based Nanocomposite Solid Polymer Electrolytes. <i>Macromolecular Symposia</i> , 2007, 249-250, 167-173.	0.7	1
28	The effect of hard segment content on ionic conductivity of poly(ether urethane)-based solid polymer electrolytes. <i>Ionics</i> , 2011, 17, 805-810.	2.4	1
29	Morphological Study on Mechanical Deformation and Alkaline Hydrolysis of Solution-Grown Poly(L-lactide) Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 599, 51-54.	0.9	1
30	Relationship Between Fatigue Behavior and Nonlinear Dynamic Viscoelasticity for High-Density Polyethylenes with Different Aggregation States. <i>Journal of Polymer Engineering</i> , 1998, 18, 63-82.	1.4	0
31	Water-induced surface structure of poly(dimethylsiloxane)-containing block copolymers. <i>Macromolecular Research</i> , 2013, 21, 821-825.	2.4	0
32	Preparation and Characterization of UV Cured Optical Films Containing a Fluorene Compound. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 622, 6-13.	0.9	0
33	Functionalized and Monodispersed Mesoporous Silica Nanospheres with a Schiff-Base for Metal Ion Adsorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6239-6246.	0.9	0
34	Thermal and Optical Performance of Glass Cloth Reinforced Organic-Inorganic Hybrid Polymer Composite Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1463-1469.	0.9	0
35	Electrochemical Properties According to the Particle Size Effect of Poly(ethylene Terephthalate) Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 498-504.	0.9	0