Jun-Young Lee

List of Publications by Year
in descending order

18	641	1163117 8	888059 17
papers	citations	h-index	g-index

20	20	20	940
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen adsorption in microporous hypercrosslinked polymers. Chemical Communications, 2006, , 2670.	4.1	314
2	Rapid development of dual porous poly(lactic acid) foam using fused deposition modeling (FDM) 3D printing for medical scaffold application. Materials Science and Engineering C, 2020, 110, 110693.	7.3	83
3	CO2-in-Water Emulsion-Templated Poly(vinyl alcohol) Hydrogels Using Poly(vinyl acetate)-Based Surfactants. Macromolecules, 2007, 40, 1955-1961.	4.8	79
4	Synthesis of Emulsion-Templated Poly(acrylamide) Using CO2-in-Water Emulsions and Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	4.8	53
5	Ionic Hydrocarbon Surfactants for Emulsification and Dispersion Polymerization in Supercritical CO2. Macromolecules, 2006, 39, 7471-7473.	4.8	28
6	Fully organic CO2 absorbent obtained by a Schiff base reaction between branched poly(ethyleneimine) and glutaraldehyde. Korean Journal of Chemical Engineering, 2018, 35, 798-804.	2.7	21
7	Colorimetric Visualization Using Polymeric Coreâ€“Shell Nanoparticles: Enhanced Sensitivity for Formaldehyde Gas Sensors. Polymers, 2020, 12, 998.	4.5	11
8	Effect of catalyst concentration and reaction time on one-step synthesized hypercrosslinked polyxylene. Macromolecular Research, 2014, 22, 481-486.	2.4	9
9	Wetting properties and morphological behavior of core-shell polymer-based nanoparticle coatings. Progress in Organic Coatings, 2022, 163, 106606.	3.9	8
10	Synthesis of Poly(methyl methacrylate-co-butyl acrylate)/Perfluorosilyl Methacrylate Core-Shell Nanoparticles: Novel Approach for Optimization of Coating Process. Polymers, 2018, 10, 1186.	4.5	7
11	Multituning of Structural Color by Protonation and Conjugate Bases. ACS Applied Polymer Materials, 2021, 3, 2902-2910.	4.4	7
12	Preparation of hypercrosslinked poly(DVB-VBC) particles with high surface area and structured meso- and micropores. Macromolecular Research, 2015, 23, 1051-1058.	2.4	5
13	Water vapor permeability, morphological properties, and optical properties of variably hydrolyzed poly(vinyl alcohol)/linear low-density polyethylene composite films. Korean Journal of Chemical Engineering, 2017, 34, 539-546.	2.7	4
14	Effect of the PSSMA Content on the Heat Transfer Performances of Polyurea Nano-Encapsulated Phase Change Materials. Materials, 2021, 14, 3157.	2.9	4
15	Amine Functionalized Wheat Bran Husk as Bio-Based Organic Adsorbent for Low-Density Polyethylene Composite of Carbon Dioxide Capture. Macromolecular Research, 2020, 28, 1289-1296.	2.4	3
16	Physicochemical analysis of linear low-density polyethylene composite films containing chemically treated rice husk. Korean Journal of Chemical Engineering, 2018, 35, 594-601.	2.7	2
17	Morphological Analysis of PSMA/PEI Coreâ€“Shell Nanoparticles Synthesized by Soap-Free Emulsion Polymerization. Nanomaterials, 2021, 11, 1958.	4.1	1
18	Emulsion-Templated Porous Materials Using Concentrated Carbon Dioxide-in-Water Emulsions and Inexpensive Hydrocarbon Surfactants. ACS Symposium Series, 2009, , 243-258.	0.5	0