

Ildoo Chung

List of Publications by Year in descending order

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55
papers

745
citations

623188

14
h-index

552369

26
g-index

55
all docs

55
docs citations

55
times ranked

1140
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and Biological Activities of Plasmid DNA Gene Carrier Nanoparticles Based on Biodegradable L-Tyrosine Polyurethane. <i>Pharmaceuticals</i> , 2022, 15, 17.	1.7	3
2	Effect of the Surface Modification of Silica Nanoparticles on the Viscosity and Mechanical Properties of Silica/Epoxy Nanocomposites. <i>Composite Interfaces</i> , 2022, 29, 1573-1590.	1.3	3
3	Enhanced dispersion and mechanical properties of hydrophobized graphene oxide/butyl rubber nanocomposites via solution process. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	0
4	Synthesis of size-controlled and highly monodispersed silica nanoparticles using a short alkyl-chain fluorinated surfactant. <i>RSC Advances</i> , 2021, 11, 2194-2201.	1.7	1
5	Biodegradable PCL-b-PLA Microspheres with Nanopores Prepared via RAFT Polymerization and UV Photodegradation of Poly(Methyl Vinyl Ketone) Blocks. <i>Polymers</i> , 2021, 13, 3964.	2.0	5
6	Preparation, stabilization and characterization of 3-(methacryloyloxy) propyl trimethoxy silane modified colloidal nanosilica particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124066.	2.3	8
7	Synthesis and characterization of dual stimuli-responsive triblock polyrotaxane based on cyclodextrin by ATRP. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 704, 72-80.	0.4	1
8	Synthesis and Characterization of Polyfumarateurethane Nanoparticles for Sustained Release of Bupivacaine. <i>Pharmaceutics</i> , 2020, 12, 281.	2.0	4
9	Studies on the melt viscosity and physico-chemical properties of cellulose acetate propionate composites with lactic acid blends. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 707, 8-20.	0.4	4
10	Vulcanization behavior and mechanical properties of isoprene-modified silica reinforced butyl rubber composites. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 707, 46-58.	0.4	0
11	Chitosan/poly(dimethylaminoethylmethacrylate-co-hydroxyethylacrylate) based semi-IPN hydrogels and silver nanocomposites: Synthesis, evaluation of amoxicillin release studies, and antibacterial studies. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 870-880.	1.8	15
12	Fabrication of Aminosilanized Halloysite Based Floating Biopolymer Composites for Sustained Gastro Retentive Release of Curcumin. <i>Macromolecular Research</i> , 2019, 27, 490-496.	1.0	11
13	Syntheses of biodegradable polymer networks based on polycaprolactone and glutamic acid. <i>Polymers for Advanced Technologies</i> , 2019, 30, 872-878.	1.6	5
14	Syntheses of polyrotaxane conjugated with 5-fluorouracil and vitamins with improved antitumor activities. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 25-38.	0.8	4
15	Synthesis and characterization of (4-arm-star-PMMA)/PMMA-g-SiO ₂ hybrid nanocomposites. <i>Green Processing and Synthesis</i> , 2018, 7, 391-398.	1.3	7
16	Porous poly(μ -caprolactone) microspheres via UV photodegradation of block copolymers prepared by RAFT polymerization. <i>Polymer</i> , 2018, 158, 198-203.	1.8	8
17	Impact of poly(ϵ -caprolactone) architecture on the thermomechanical and shape memory properties. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3424-3433.	2.5	18
18	Fabrication and photodegradable properties of chitosan-g-poly(methyl vinyl ketones) nanoporous microspheres. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 654, 53-61.	0.4	3

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19	Sulfonyl hydrazide-based polymeric foaming agent nanoparticles. <i>Macromolecular Research</i> , 2017, 25, 128-134.	1.0	3
20	Water-Soluble Polyaniline/Polystyrene Sulfonate Synthesized Using Dialysis Membrane. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 117-122.	1.9	5
21	Viscoelastic, mechanical and recycling properties of grafted EPDM containing organic salt group. <i>Macromolecular Research</i> , 2016, 24, 261-266.	1.0	3
22	Properties of hydrophobically-modified graphene oxide (HG)/butyl rubber (IIR) nanocomposites prepared by shear mixing process. <i>Composite Interfaces</i> , 2016, 23, 819-829.	1.3	2
23	MicroRNA-378 limits activation of hepatic stellate cells and liver fibrosis by suppressing Gli3 expression. <i>Nature Communications</i> , 2016, 7, 10993.	5.8	200
24	Biodegradable nanoporous microspheres by RAFT and photodegradation. , 2015, , .		0
25	Fabrication and Properties of Hybrid Thin Film with Epoxy Resin and Methyltrimethoxy Silane-modified ZrO_2 . <i>Molecular Crystals and Liquid Crystals</i> , 2015, 622, 25-30.	0.4	0
26	Environment-Friendly Acrylic Pressure Sensitive Adhesives (PSAs) with Improved Antistatic Property. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 622, 145-150.	0.4	1
27	Durable nanocomposite adhesives based on polyacrylates and surface-modified colloidal silica. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 2345-2354.	1.4	1
28	Synthesis of Thermally Stable Waterborne Acrylic Pressure Sensitive Adhesives (PSAs) for Application to LCD Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 617, 82-91.	0.4	1
29	Mechanical and dismantlement adhesion properties of grafted EPDM-silica hybrid. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 2167-2181.	1.4	2
30	Biodegradable Chitosan-g-Poly(methacrylamide) Microspheres for Controlled Release of Hypertensive Drug. <i>Journal of Polymers and the Environment</i> , 2013, 21, 1128-1134.	2.4	20
31	Antitumor and antiangiogenic active dendrimer/5-fluorouracil conjugates. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 2306-2312.	2.1	7
32	Thermoresponsive N-vinyl caprolactam grafted sodium alginate hydrogel beads for the controlled release of an anticancer drug. <i>Cellulose</i> , 2013, 20, 1261-1273.	2.4	50
33	Study on mechanical and thermal properties of fiber-reinforced Epoxy/Hybrid-silica composite. <i>Fibers and Polymers</i> , 2013, 14, 2141-2147.	1.1	23
34	Synthesis and decomposition performance of a polymeric foaming agent containing a sulfonyl hydrazide moiety. <i>Polymer International</i> , 2013, 62, 1094-1100.	1.6	8
35	Synthesis and properties of polyurethane coatings: the effect of different types of soft segments and their ratios. <i>Composite Interfaces</i> , 2013, 20, 15-26.	1.3	19
36	Synthesis and Properties of Thermally Stable Pressure Sensitive Adhesives for LCD Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 583, 43-51.	0.4	10

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37	Temperature-Sensitive Microspheres for Controlled Release of Enalaprilmaleate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 133-139.	1.8	7
38	Dismantlement studies of dismantlable polyurethane adhesive by controlling thermal property. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 2571-2589.	1.4	23
39	Anti-AIDS active polyrotaxane-AZT conjugates with bioactive bulky stoppers and their nanoparticles. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4895-4901.	2.5	6
40	Preparation of sodium alginate/poly(vinyl alcohol) blend microspheres for controlled release applications. <i>Journal of Applied Polymer Science</i> , 2012, 125, 555-561.	1.3	22
41	Synthesis and characterization of polymeric foaming agent containing sulfonyl hydrazide moiety. <i>Polymer Bulletin</i> , 2012, 68, 1227-1238.	1.7	16
42	Waterborne polyurethane nanocomposites having shape memory effects. <i>Journal of Polymer Science Part A</i> , 2011, 49, 634-641.	2.5	59
43	Preparation and characterization of polyimide/modified β -cyclodextrin nanocomposite films. <i>Macromolecular Research</i> , 2010, 18, 120-128.	1.0	18
44	PMMA-based microgels for controlled release of an anticancer drug. <i>Journal of Applied Polymer Science</i> , 2009, 111, 845-853.	1.3	8
45	Characteristics of Inorganic-Organic Hybrid Coating Films Synthesized from Nano Boehmite and Methyltrimethoxysilane. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 510, 232/[1366]-240/[1374].	0.4	0
46	Synthesis and characterization of poly(acrylamidoglycolic acid) grafted onto chitosan and its polyelectrolyte complexes with hydroxyapatite. <i>Reactive and Functional Polymers</i> , 2008, 68, 943-953.	2.0	43
47	Syntheses and Evaluations of Antitumor and Antiangiogenic Compounds Conjugated with 5-Fluorouracil and Ascorbic Acid. <i>Journal of Bioactive and Compatible Polymers</i> , 2008, 23, 473-489.	0.8	7
48	The Control of Surface Structure of Fluorocarbon End-Capped Poly(L-lactide)/Stereochemical Polylactide Blend Films. <i>Macromolecular Symposia</i> , 2007, 249-250, 431-436.	0.4	4
49	Actuation behavior of waterborne polyurethane/conductive filler nanocomposite electrode. <i>Composite Interfaces</i> , 2007, 14, 477-491.	1.3	5
50	Surface Structure and Stereocomplex Formation of Enantiomeric Polylactide Blends Using Poly(dimethyl siloxane) as a Probe Polymer. <i>Macromolecular Symposia</i> , 2006, 239, 91-96.	0.4	8
51	Syntheses of cyclodextrin- β -azido- β -deoxythymidine conjugates and their sulfates with improved anti-HIV activities. <i>Journal of Polymer Science Part A</i> , 2006, 44, 295-303.	2.5	17
52	Synthesis and in vitro antitumor activity of phthalimide polymers containing podophyllotoxin. <i>European Polymer Journal</i> , 2006, 42, 3352-3359.	2.6	15
53	Syntheses and anti-AIDS activities of polyrotaxane- β -azido- β -deoxythymidine conjugates. <i>Macromolecular Research</i> , 2006, 14, 668-672.	1.0	3
54	Novel biodegradable amino acid containing anhydride oligomers for orthopedic applications. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1979-1984.	1.3	6

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55	Syntheses and evaluation of biodegradable multifunctional polymer networks. European Polymer Journal, 2003, 39, 1817-1822.	2.6	23