

Soo-young Park

List of Publications by Year in descending order

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192
papers

6,237
citations

71102

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88630

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194
all docs

194
docs citations

194
times ranked

7637
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorinated ethylene-“propylene/graphite composites reinforced with silicon carbide for the bipolar plates of fuel cells. International Journal of Hydrogen Energy, 2022, 47, 4090-4099.	7.1	7
2	Effects of network structure of main-chain liquid crystal elastomer on its thermal actuation performance. Journal of Industrial and Engineering Chemistry, 2022, , .	5.8	1
3	One-step fabrication of pH-responsive microcapsules with aqueous cargo using aqueous two-phase system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 650, 129506.	4.7	3
4	Functional solid-state photonic droplets with interpenetrating polymer network and their applications to biosensors. Sensors and Actuators B: Chemical, 2021, 329, 129165.	7.8	15
5	Poly(acrylic acid) Hydrogel Microspheres for a Metal-Ion Sensor. ACS Sensors, 2021, 6, 1039-1048.	7.8	17
6	Synthesis of gelation-induced emissive, o-phenylazonaphthol-based organogel and its responsiveness to fluoride anion. Tetrahedron, 2021, 81, 131895.	1.9	5
7	Highly-porous uniformly-sized amidoxime-functionalized cellulose beads prepared by microfluidics with N-methylmorpholine N-oxide. Cellulose, 2021, 28, 5401.	4.9	4
8	Mechano-Actuated Light-Responsive Main-Chain Liquid Crystal Elastomers. Macromolecules, 2021, 54, 5397-5409.	4.8	19
9	Preparation of uniformly sized interpenetrating polymer network polyelectrolyte hydrogel droplets from a solid-state liquid crystal shell. Journal of Industrial and Engineering Chemistry, 2021, 99, 235-245.	5.8	11
10	Revised Korean Antiviral Guideline Reduces the Hepatitis B-related Hepatocellular Carcinoma Risk in Cirrhotic Patients. Journal of Korean Medical Science, 2021, 36, e105.	2.5	3
11	Pyrene-based Polymer Surfactant for Dispersion of CNT in the PVDF/CNT Nanocomposite. Porrima, 2021, 45, 803-808.	0.2	0
12	Transparent UV-blocking photonic film based on reflection of cholesteric liquid crystals. Journal of Molecular Liquids, 2021, 344, 117739.	4.9	6
13	Photonic Cholesteric Liquid-Crystal Elastomers with Reprogrammable Helical Pitch and Handedness. ACS Applied Materials & Interfaces, 2021, 13, 59275-59287.	8.0	30
14	Optical anticounterfeiting photonic bilayer film based on handedness of solid-state helicoidal structure. RSC Advances, 2021, 11, 37498-37503.	3.6	6
15	Optical Multisensor Array with Functionalized Photonic Droplets by an Interpenetrating Polymer Network for Human Blood Analysis. ACS Applied Materials & Interfaces, 2020, 12, 47342-47354.	8.0	21
16	Sweat-Based Noninvasive Skin-Patchable Urea Biosensors with Photonic Interpenetrating Polymer Network Films Integrated into PDMS Chips. ACS Sensors, 2020, 5, 3988-3998.	7.8	34
17	General method for the production of hydrogel droplets from uniformly sized smart shell membranes. Polymer Chemistry, 2020, 11, 5444-5454.	3.9	4
18	Poly(phenylene sulfide) Graphite Composites with Graphite Nanoplatelets as a Secondary Filler for Bipolar Plates in Fuel Cell Applications. Macromolecular Research, 2020, 28, 1010-1016.	2.4	14

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19	Optical glucose biosensor based on photonic interpenetrating polymer network with solid-state cholesteric liquid crystal and cationic polyelectrolyte. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128099.	7.8	35
20	Changes in Characteristics of Patients with Liver Cirrhosis Visiting a Tertiary Hospital over 15 Years: a Retrospective Multi-Center Study in Korea. <i>Journal of Korean Medical Science</i> , 2020, 35, e233.	2.5	7
21	Molecular Design Approach for Directed Alignment of Conjugated Polymers. <i>Macromolecules</i> , 2019, 52, 6485-6494.	4.8	6
22	High-Performance Fluorinated Ethylene-Propylene/Graphite Composites Interconnected with Single-Walled Carbon Nanotubes. <i>Macromolecular Research</i> , 2019, 27, 1161-1166.	2.4	10
23	Photonic calcium and humidity array sensor prepared with reactive cholesteric liquid crystal mesogens. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126894.	7.8	39
24	Patterned Photonic Array Based on an Intertwined Polymer Network Functionalized with a Nonenzymatic Moiety for the Visual Detection of Glucose. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37434-37441.	8.0	18
25	Synthesis of Bioresorbable Poly(Lactic-co-Glycolic Acid)s Through Direct Polycondensation: An Economical Substitute for the Synthesis of Polyglactin via ROP of Lactide and Glycolide. <i>Fibers and Polymers</i> , 2019, 20, 887-895.	2.1	6
26	Optical Properties and Applications of Photonic Shells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20350-20359.	8.0	18
27	Liquid-crystal-based biosensor for detecting Ca ²⁺ in human saliva. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 74, 193-198.	5.8	14
28	Poly(phenylene sulfide)-graphite composites for bipolar plates with preferred morphological orientation. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 2133-2142.	2.7	11
29	Carbon-dot-based ratiometric fluorescence glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 719-729.	7.8	96
30	Biosensor Array of Interpenetrating Polymer Network with Photonic Film Templated from Reactive Cholesteric Liquid Crystal and Enzyme-Immobilized Hydrogel Polymer. <i>Advanced Functional Materials</i> , 2018, 28, 1707562.	14.9	91
31	Cholesteric Liquid Crystals: Through the Spherical Looking-Glass: Asymmetry Enables Multicolored Internal Reflection in Cholesteric Liquid Crystal Shells (<i>Advanced Optical Materials</i> 1/2018). <i>Advanced Optical Materials</i> , 2018, 6, 1870002.	7.3	0
32	Through the Spherical Looking-Glass: Asymmetry Enables Multicolored Internal Reflection in Cholesteric Liquid Crystal Shells. <i>Advanced Optical Materials</i> , 2018, 6, 1700923.	7.3	44
33	Liquid-crystal droplets functionalized with a non-enzymatic moiety for glucose sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 579-585.	7.8	35
34	Indirect fabrication of versatile 3D microfluidic device by a rotating plate combined 3D printing system. <i>RSC Advances</i> , 2018, 8, 37693-37699.	3.6	2
35	Label-Free Detection of Dopamine based on Photoluminescence of Boronic Acid-Functionalized Carbon Dots in Solid-State Polyethylene Glycol Thin Film. <i>Macromolecular Research</i> , 2018, 26, 1150-1159.	2.4	8
36	In vitro Dual Detection of GNPs Conjugated Rabbit IgG Using Anti-IgG Anchored Calcein Green Fluorescent LC Microdroplets. <i>IEEE Sensors Journal</i> , 2018, , 1-1.	4.7	1

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37	Label- and enzyme-free detection of glucose by boronic acid-coupled poly(styrene-b-acrylic acid) at liquid crystal/aqueous interfaces. <i>Analytica Chimica Acta</i> , 2018, 1032, 122-129.	5.4	13
38	In vitro detection of allergen sensitized basophils by HSA-DNP antigen-anchored liquid crystal microdroplets. <i>Analytical Biochemistry</i> , 2018, 558, 1-11.	2.4	5
39	Flexible carbonized cellulose/single-walled carbon nanotube films with high conductivity. <i>Carbohydrate Polymers</i> , 2018, 196, 168-175.	10.2	22
40	Smart Fluorescent Hydrogel Glucose Biosensing Microdroplets with Dual-Mode Fluorescence Quenching and Size Reduction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30172-30179.	8.0	50
41	Photonic Spring-Like Shell Templated from Cholesteric Liquid Crystal Prepared by Microfluidics. <i>Advanced Optical Materials</i> , 2017, 5, 1700243.	7.3	37
42	Smart molecular-spring photonic droplets. <i>Materials Horizons</i> , 2017, 4, 633-640.	12.2	31
43	Smart shell membrane prepared by microfluidics with reactive nematic liquid crystal mixture. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 658-666.	7.8	13
44	Rapid transformation of transparent conducting films into superhydrophobic conductive films. <i>RSC Advances</i> , 2017, 7, 17173-17177.	3.6	0
45	Slide cover glass immobilized liquid crystal microdroplets for sensitive detection of an IgG antigen. <i>RSC Advances</i> , 2017, 7, 37675-37688.	3.6	16
46	Photonic Shells: Photonic Spring-Like Shell Templated from Cholesteric Liquid Crystal Prepared by Microfluidics (<i>Advanced Optical Materials</i> 13/2017). <i>Advanced Optical Materials</i> , 2017, 5, .	7.3	0
47	Realization of transparent conducting networks with high uniformity by spray deposition on flexible substrates. <i>Thin Solid Films</i> , 2017, 638, 367-374.	1.8	9
48	Preparation of Poly(styrene)- <i>b</i> -poly(acrylic acid)-Coupled Carbon Dots and Their Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24169-24178.	8.0	17
49	Polypyrrole nanocomposite with water-dispersible graphene. <i>Macromolecular Research</i> , 2017, 25, 335-343.	2.4	3
50	pH-responsive cholesteric liquid crystal double emulsion droplets prepared by microfluidics. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 636-643.	7.8	67
51	Liquid crystal-based biosensor with backscattering interferometry: A quantitative approach. <i>Biosensors and Bioelectronics</i> , 2017, 87, 976-983.	10.1	19
52	Fabrication of water-dispersible single-walled carbon nanotube powder using N-methylmorpholine N-oxide. <i>Nanotechnology</i> , 2017, 28, 465706.	2.6	5
53	Direct Fabrication of Free-Standing MOF Superstructures with Desired Shapes by Micro-Confined Interfacial Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7116-7120.	13.8	41
54	Carbon nanotube-induced migration of silver nanowire networks into plastic substrates via Joule heating for high stability. <i>RSC Advances</i> , 2016, 6, 86395-86400.	3.6	7

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55	Liquid crystal-Based DNA biosensor for myricetin detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 559-565.	7.8	44
56	A carbon dot-hemoglobin complex-based biosensor for cholesterol detection. <i>Green Chemistry</i> , 2016, 18, 4245-4253.	9.0	114
57	Broadband pH-Sensing Organic Transistors with Polymeric Sensing Layers Featuring Liquid Crystal Microdomains Encapsulated by Di-Block Copolymer Chains. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23862-23867.	8.0	24
58	Polyelectrolytes functionalized nematic liquid crystal-based biosensors: An overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 83, 80-94.	11.4	21
59	In vitro detection of human breast cancer cells (SK-BR3) using herceptin-conjugated liquid crystal microdroplets as a sensing platform. <i>Biomaterials Science</i> , 2016, 4, 1473-1484.	5.4	7
60	Cholesteric Liquid Crystal Droplets for Biosensors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26407-26417.	8.0	130
61	A liquid-crystal-based DNA biosensor for pathogen detection. <i>Scientific Reports</i> , 2016, 6, 22676.	3.3	78
62	Polypropylene nanocomposite with polypropylene-grafted graphene. <i>Macromolecular Research</i> , 2016, 24, 508-514.	2.4	14
63	Enhancing light-extraction efficiency of OLEDs with high- and low-refractive-index organic-inorganic hybrid materials. <i>Organic Electronics</i> , 2016, 36, 103-112.	2.6	23
64	pH-Responsive liquid crystal double emulsion droplets prepared using microfluidics. <i>RSC Advances</i> , 2016, 6, 55976-55983.	3.6	22
65	Multifaceted thermoresponsive poly(N-vinylcaprolactam) coupled with carbon dots for biomedical applications. <i>Materials Science and Engineering C</i> , 2016, 61, 492-498.	7.3	42
66	Anti-IgG-anchored liquid crystal microdroplets for label free detection of IgG. <i>Journal of Materials Chemistry B</i> , 2016, 4, 704-715.	5.8	30
67	Physical force-sensitive touch responses in liquid crystal-gated-organic field-effect transistors with polymer dipole control layers. <i>Organic Electronics</i> , 2016, 28, 184-188.	2.6	6
68	Enhanced transparent conducting networks on plastic substrates modified with highly oxidized graphene oxide nanosheets. <i>Nanoscale</i> , 2016, 8, 6693-6699.	5.6	4
69	Poly(4-vinyl pyridine)-grafted graphene oxide for drug delivery and antimicrobial applications. <i>Polymer International</i> , 2015, 64, 1660-1666.	3.1	31
70	Preparation of water-dispersible graphene using N-methylmorpholine N-oxide monohydrate and its application for the preparation of nanocomposites using PEDOT. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7105-7117.	5.5	6
71	Liquid crystal droplets functionalized with charged surfactant and polyelectrolyte for non-specific protein detection. <i>RSC Advances</i> , 2015, 5, 97264-97271.	3.6	13
72	Specific detection of avidin-biotin binding using liquid crystal droplets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 241-246.	5.0	47

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73	Liquid crystal-based glucose biosensor functionalized with mixed PAA and QP4VP brushes. Biosensors and Bioelectronics, 2015, 68, 404-412.	10.1	37
74	TiO ₂ /amidoxime-modified polyacrylonitrile nanofibers and its application for the photodegradation of methyl blue in aqueous medium. Desalination and Water Treatment, 2015, 54, 3146-3151.	1.0	29
75	Synthesis of titania- and silica-polymer hybrid materials and their application as refractive index-matched layers in touch screens. Optical Materials Express, 2015, 5, 690.	3.0	11
76	Liquid crystals: emerging materials for use in real-time detection applications. Journal of Materials Chemistry C, 2015, 3, 9038-9047.	5.5	68
77	Glucose biosensor based on GOx/HRP bienzyme at liquid–crystal/aqueous interface. Journal of Colloid and Interface Science, 2015, 457, 281-288.	9.4	31
78	Ultrasensitive tactile sensors based on planar liquid crystal-gated-organic field-effect transistors with polymeric dipole control layers. RSC Advances, 2015, 5, 56904-56907.	3.6	6
79	Bienzyme liquid-crystal-based cholesterol biosensor. Sensors and Actuators B: Chemical, 2015, 220, 508-515.	7.8	36
80	Synthesis, characterization, and physical properties of a poly(acrylamide-co-4-cyanobiphenyl-4-yl-oxyundecylacrylate). New Journal of Chemistry, 2015, 39, 220-223.	2.8	2
81	Self-assembly of a liquid crystal ABA triblock copolymer in a B-selective organic solvent. Polymer, 2015, 66, 94-99.	3.8	6
82	Ultraviolet-assisted reduction of BBL/graphene nanocomposite. Macromolecular Research, 2015, 23, 428-435.	2.4	2
83	Targeted images of KB cells using folate-conjugated gold nanoparticles. Nanoscale Research Letters, 2015, 10, 5.	5.7	16
84	The role of ligand–receptor interactions in visual detection of HepG2 cells using a liquid crystal microdroplet-based biosensor. Journal of Materials Chemistry B, 2015, 3, 8659-8669.	5.8	20
85	Synthesis, characterization and photocatalytic activity of silver nanoparticles/amidoxime-modified polyacrylonitrile nanofibers. Fibers and Polymers, 2015, 16, 1870-1875.	2.1	24
86	Targeting and molecular imaging of HepG2 cells using surface-functionalized gold nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	7
87	Crystal structure evolution of nylon 6/GO graft nanocomposites during heat treatments and cold drawing. Polymer, 2015, 78, 111-119.	3.8	7
88	The development of a cholesterol biosensor using a liquid crystal/aqueous interface in a SDS-included β ² -cyclodextrin aqueous solution. Analytica Chimica Acta, 2015, 893, 101-107.	5.4	22
89	Specific Intracellular Uptake of Herceptin-Conjugated CdSe/ZnS Quantum Dots into Breast Cancer Cells. BioMed Research International, 2014, 2014, 1-9.	1.9	15
90	Touch sensors based on planar liquid crystal-gated-organic field-effect transistors. AIP Advances, 2014, 4, 097109.	1.3	6

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91	Flexible OLED encapsulated with gas barrier film and adhesive gasket. <i>Synthetic Metals</i> , 2014, 193, 77-80.	3.9	38
92	Preparation and characterization of nylon 6 compounds using the nylon 6-grafted GO. <i>Macromolecular Research</i> , 2014, 22, 257-263.	2.4	17
93	Facile in-situ preparation of polyaniline/graphene nanocomposites using methanesulfonic acid. <i>Polymer</i> , 2014, 55, 2928-2935.	3.8	6
94	Poly(acrylic acid)-Grafted Graphene Oxide as an Intracellular Protein Carrier. <i>Langmuir</i> , 2014, 30, 402-409.	3.5	56
95	Biosensor utilizing a liquid crystal/water interface functionalized with poly(4-cyanobiphenyl-4-yl-oxyundecylacrylate-b-((2-dimethyl amino) ethyl methacrylate)). <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 400-408.	5.0	33
96	Liquid crystal-based biosensors using a strong polyelectrolyte-containing block copolymer, poly(4-cyanobiphenyl-4-yl-oxyundecylacrylate)-b-poly(sodium styrene sulfonate). <i>Macromolecular Research</i> , 2014, 22, 888-894.	2.4	16
97	A liquid crystal polymer based single layer chemo-responsive actuator. <i>Chemical Communications</i> , 2014, 50, 2030.	4.1	27
98	Shape-Responsive Actuator from a Single Layer of a Liquid-Crystal Polymer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18048-18054.	8.0	38
99	Structures and alignment of anisotropic liquid crystal particles in a liquid crystal cell. <i>RSC Advances</i> , 2014, 4, 40617-40625.	3.6	22
100	Folate Ligand Anchored Liquid Crystal Microdroplets Emulsion for <i>in Vitro</i> Detection of KB Cancer Cells. <i>Langmuir</i> , 2014, 30, 10668-10677.	3.5	57
101	Real-time liquid crystal-based biosensor for urea detection. <i>Analytical Methods</i> , 2014, 6, 5753-5759.	2.7	26
102	Self-assembly of a liquid crystal ABA triblock copolymer in a nematic liquid crystal solvent. <i>Polymer</i> , 2014, 55, 3995-4002.	3.8	9
103	A monolithic and flexible fluoropolymer film microreactor for organic synthesis applications. <i>Lab on A Chip</i> , 2014, 14, 4270-4276.	6.0	19
104	Fabrication of temperature- and pH-sensitive liquid-crystal droplets with PNIPAM-b-LCP and SDS coatings by microfluidics. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4922-4928.	5.8	31
105	Preparation of QP4VP-b-LCP liquid crystal block copolymer and its application as a biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5369-5378.	3.7	23
106	Poly(N-vinyl caprolactam) grown on nanographene oxide as an effective nanocargo for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 37-45.	5.0	63
107	Preparation, chemical, and thermal characterization of nylon 4/6 copolymers by anionic ring opening polymerization of 2-Pyrrolidone and ϵ -Caprolactam. <i>Fibers and Polymers</i> , 2014, 15, 899-907.	2.1	13
108	Liquid Crystal-Based Proton Sensitive Glucose Biosensor. <i>Analytical Chemistry</i> , 2014, 86, 1493-1501.	6.5	84

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109	Cybotactic nematic phase in main-chain polyesters with bent-core mesogens. <i>Polymer</i> , 2014, 55, 1931-1939.	3.8	5
110	General Liquid-crystal droplets produced by microfluidics for urea detection. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 516-522.	7.8	58
111	Effect of hydroiodic acid-reduction of graphene oxide on electrical properties of polybenzimidazobenzophenanthroline/graphene oxide nanocomposites. <i>Macromolecular Research</i> , 2013, 21, 1254-1262.	2.4	6
112	Protein detection using aqueous/LC interfaces decorated with a novel poly(N-isopropyl acrylamide) block liquid crystalline polymer. <i>RSC Advances</i> , 2013, 3, 17930.	3.6	2
113	pH-Sensitive nanocargo based on smart polymer functionalized graphene oxide for site-specific drug delivery. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 5176.	2.8	74
114	In-situ preparation of multi-walled carbon nanotube (MWNT)/cellulose nanocomposites and their physical properties. <i>Fibers and Polymers</i> , 2013, 14, 566-570.	2.1	7
115	Glucose Sensor using Liquid-Crystal Droplets Made by Microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13135-13139.	8.0	107
116	Preparation of Asymmetric Porous Janus Particles Using Microfluidics and Directional UV Curing. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 981-988.	2.3	13
117	Fabrication and Characterization of Collagen-Immobilized Porous PHBV/HA Nanocomposite Scaffolds for Bone Tissue Engineering. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-11.	2.7	23
118	Uniaxial Tensile Deformation of Poly(ϵ -caprolactone) Studied with SAXS and WAXS Techniques Using Synchrotron Radiation. <i>Macromolecules</i> , 2012, 45, 8752-8759.	4.8	71
119	Preparation and structure of nylon 4/6 random-copolymer nanofibers. <i>Macromolecular Research</i> , 2012, 20, 810-815.	2.4	9
120	Self-Assembly of dPS-Liquid Crystalline Diblock Copolymer in a Nematic Liquid Crystal Solvent. <i>Macromolecules</i> , 2012, 45, 6168-6175.	4.8	11
121	Protein detection using aqueous/LC interfaces decorated with a novel polyacrylic acid block liquid crystalline polymer. <i>Soft Matter</i> , 2012, 8, 198-203.	2.7	50
122	An in-situ simultaneous SAXS and WAXS survey of PEBAX [®] nanocomposites reinforced with organoclay and POSS during uniaxial deformation. <i>Polymer</i> , 2012, 53, 3360-3367.	3.8	31
123	Effect of Chemical Modification of Graphene on Mechanical, Electrical, and Thermal Properties of Polyimide/Graphene Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4623-4630.	8.0	181
124	Chemically modified graphene oxide/polybenzimidazobenzophenanthroline nanocomposites with improved electrical conductivity. <i>Polymer</i> , 2012, 53, 3937-3945.	3.8	22
125	Configuration change of liquid crystal microdroplets coated with a novel polyacrylic acid block liquid crystalline polymer by protein adsorption. <i>Lab on A Chip</i> , 2012, 12, 4553.	6.0	41
126	Effect of nanoclay on the thermal, mechanical, and crystallization behavior of nanofiber webs of nylon-6. <i>Polymer Composites</i> , 2012, 33, 192-195.	4.6	18

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127	Structural evolution of poly(ether-b-amide12) elastomers during the uniaxial stretching: An in situ wide-angle X-ray scattering study. Macromolecular Research, 2012, 20, 725-731.	2.4	26
128	Glucose sensing, photocatalytic and antibacterial properties of grapheneâ€ZnO nanoparticle hybrids. Carbon, 2012, 50, 2994-3000.	10.3	275
129	Study on the Improvement of Light Transmittance of Polyester Film. Porrima, 2012, 36, 662-667.	0.2	0
130	Synthesis and micellization of a novel diblock copolymer of poly(N-isopropylacrylamide)-b-SGLCP and its application in stability of 5CB droplets in aqueous medium. Soft Matter, 2011, 7, 780-787.	2.7	19
131	Microfluidic formation of pH responsive 5CB droplets decorated with PAA-b-LCP. Lab on A Chip, 2011, 11, 3493.	6.0	70
132	<i>In Vitro</i> Anti-Bacterial and Cytotoxic Properties of Silver-Containing Poly(L-lactide-co-glycolide) Nanofibrous Scaffolds. Journal of Nanoscience and Nanotechnology, 2011, 11, 61-65.	0.9	24
133	Poly(lactic acid) blends with desired end-use properties by addition of thermoplastic polyester elastomer and MDI. Polymer Bulletin, 2011, 67, 187-198.	3.3	44
134	Adsorption of bromo-phenol blue from an aqueous solution onto thermally modified granular charcoal. Chemical Engineering Research and Design, 2011, 89, 23-28.	5.6	21
135	Preparation of hydrazineâ€modified polyacrylonitrile nanofibers for the extraction of metal ions from aqueous media. Journal of Applied Polymer Science, 2011, 121, 869-873.	2.6	46
136	Graphene oxide/cellulose composite using NMMO monohydrate. Carbohydrate Polymers, 2011, 86, 903-909.	10.2	90
137	Structural evolution of graphite oxide during heat treatment. Chemical Physics Letters, 2011, 511, 110-115.	2.6	34
138	A novel route for the preparation of thermally sensitive core-shell magnetic nanoparticles. Polymer, 2011, 52, 91-97.	3.8	31
139	Fabrication and Performance of Flexible OLEDs with AGZO/Ag/AGZO Multilayer Anode on Polyethersulfone Film. Molecular Crystals and Liquid Crystals, 2011, 550, 172-182.	0.9	1
140	Preparation and characterization of multiwalled carbon nanotubes/polyacrylonitrile nanofibers. Journal of Polymer Research, 2010, 17, 535-540.	2.4	41
141	Preparation and properties of the singleâ€walled carbon nanotube/cellulose nanocomposites using <i>N</i>-methylmorpholineâ€<i>N</i>-oxide monohydrate. Journal of Applied Polymer Science, 2010, 117, 3588-3594.	2.6	16
142	EFFECTS OF THE REDUCING AGENTS ON MORPHOLOGIES OF GOLD NANOPARTICLES IN POLY(STYRENE-B-4-VINYLPYRIDINE) MICELLES. International Journal of Modern Physics B, 2010, 24, 3197-3202.	2.0	2
143	pH-responsive aqueous/LC interfaces using SGLCP-b-polyacrylic acid block copolymers. Soft Matter, 2010, 6, 1964.	2.7	55
144	Deposition of silver nanoparticles on single wall carbon nanotubes via a self assembled block copolymer micelles. Reactive and Functional Polymers, 2009, 69, 552-557.	4.1	14

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145	In situ Polymerization of Multi-Walled Carbon Nanotube/Nylon-6 Nanocomposites and Their Electrospun Nanofibers. <i>Nanoscale Research Letters</i> , 2009, 4, 39-46.	5.7	57
146	Structures of the cylindrical and vesicular micelles of an P4VP-longer asymmetric PS-b-P4VP. <i>Macromolecular Research</i> , 2009, 17, 553-556.	2.4	5
147	Preparation of the electrospun chitosan nanofibers and their applications to the adsorption of Cu(II) and Pb(II) ions from an aqueous solution. <i>Journal of Membrane Science</i> , 2009, 328, 90-96.	8.2	380
148	Self-Assembly of Coil/Liquid-Crystalline Diblock Copolymers in a Liquid Crystal Solvent. <i>Macromolecules</i> , 2009, 42, 299-307.	4.8	9
149	Fluorescence Emission of Disperse Red 1 in PS- <i>b</i> -P4VP Micelles Controlled by a Toluene/Ethanol Solvent Mixture. <i>Langmuir</i> , 2009, 25, 13426-13431.	3.5	8
150	The effects of the selectivity of the toluene/ethanol mixture on the micellar and the ordered structures of an asymmetric poly(styrene- <i>b</i> -4-vinylpyridine). <i>Polymer</i> , 2008, 49, 3327-3334.	3.8	9
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