

Taek Seung Lee

List of Publications by Year in descending order

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168
papers

6,592
citations

147726
31
h-index

69214
77
g-index

168
all docs

168
docs citations

168
times ranked

8044
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorimetric detection of Co ions by a poly(vinyl alcohol)-based hydrogel using color coordinate. <i>Dyes and Pigments</i> , 2022, 197, 109894.	2.0	1
2	Cesium ion adsorption and desorption on electrospun mesoporous silica nanofibers immobilized with Prussian blue. <i>Chemosphere</i> , 2022, 290, 133318.	4.2	16
3	Moving photocatalyst of a titanium dioxide-based micromotor asymmetrically decorated with conjugated polymer dots. <i>Materials and Design</i> , 2022, 219, 110743.	3.3	5
4	Fabrication of a porous polyacrylonitrile nanofiber adsorbent for removing radioactive ^{60}Co . <i>Chemosphere</i> , 2022, 302, 134910.	4.2	2
5	Synthesis of gelation-induced emissive, o-phenylazonaphthol-based organogel and its responsiveness to fluoride anion. <i>Tetrahedron</i> , 2021, 81, 131895.	1.0	5
6	Visible-Light-Driven Asymmetric TiO_2 -Based Photocatalytic Micromotor Hybridized with a Conjugated Polyelectrolyte and Glucose Oxidase. <i>Langmuir</i> , 2021, 37, 6301-6310.	1.6	12
7	Decoration of conjugated polyquinoxaline dots on mesoporous TiO_2 nanofibers for visible-light-driven photocatalysis. <i>Polymer</i> , 2021, 228, 123892.	1.8	18
8	Electrospun mesoporous silica nanofibers decorated with titanium dioxide nanoparticles for a repeatable photocatalysis. <i>Molecular Crystals and Liquid Crystals</i> , 2021, 730, 85-100.	0.4	1
9	Sulfur-encapsulated zeolite micromotors for the selective removal of cesium from high-salt water with accelerated cleanup times. <i>Chemosphere</i> , 2021, 276, 130190.	4.2	12
10	Synthesis of donor-acceptor-type conjugated polymer dots as organic photocatalysts for dye degradation and hydrogen evolution. <i>Polymer</i> , 2021, 229, 124004.	1.8	13
11	Synthesis of $\langle \text{Melamine} \text{--} \text{Formaldehyde} \rangle$ Microcapsules Containing Polyfluorene for Fluorescent Detection of Picric Acid in Aqueous Medium. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 124-129.	1.0	2
12	Fluorescence Modulation of Conjugated Polymer Nanoparticles Embedded in Poly(N-Isopropylacrylamide) Hydrogel. <i>Polymers</i> , 2021, 13, 4315.	2.0	6
13	Synthesis of a conjugated polymer film via interfacial Knoevenagel polymerization and conversion to covalent triazine polymer for photocatalysis. <i>Polymer</i> , 2021, 237, 124384.	1.8	1
14	Cesium ion-exchange resin using sodium dodecylbenzenesulfonate for binding to Prussian blue. <i>Chemosphere</i> , 2020, 244, 125589.	4.2	22
15	Size-dependent fluorescence of conjugated polymer dots and correlation with the fluorescence in solution and in the solid phase of the polymer. <i>Nanoscale</i> , 2020, 12, 2492-2497.	2.8	13
16	Detection and imaging of cathepsin L in cancer cells using the aggregation of conjugated polymer dots and magnetic nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127641.	4.0	15
17	Synthesis of conjugated microporous polymer and its embedding in porous nanofibers for visible-light-driven photocatalysis with reusability. <i>Polymer</i> , 2020, 211, 123060.	1.8	13
18	Synthesis of poly(N -isopropylacrylamide) polymer crosslinked with an AIE-active azonaphthol for thermoreversible fluorescence. <i>RSC Advances</i> , 2020, 10, 39277-39283.	1.7	12

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19	Selective adsorption of sodium dodecylbenzenesulfonate from a Cs ion mixture by electrospun mesoporous silica nanofibers. <i>Chemosphere</i> , 2020, 259, 127391.	4.2	11
20	Prussian Blue Decoration on Polyacrylonitrile Nanofibers Using Polydopamine for Effective Cs Ion Removal. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 4872-4880.	1.8	22
21	Manipulation of intramolecular hydrogen bonds in single-benzene derivatives: Esterase sensing, fluorescence patterning, and inkless writing. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128307.	4.0	11
22	A Single-Benzene-Based Fluorophore: Optical Waveguiding in the Crystal Form. <i>ChemPlusChem</i> , 2019, 84, 1130-1134.	1.3	26
23	Molecular Design Approach for Directed Alignment of Conjugated Polymers. <i>Macromolecules</i> , 2019, 52, 6485-6494.	2.2	6
24	Remediation of radioiodine using polyamine anion exchange resins. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 78, 210-221.	2.9	12
25	Switchable control of hydrophilicity and hydrophobicity in conjugated polymer nanoparticles by carbon dioxide. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 685, 78-86.	0.4	2
26	Synthesis of conjugated microporous polymer-based fluorescent "turn-off" sensor for selective detection of picric acid. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 686, 1-8.	0.4	6
27	Prussian blue-decorated Cs ion exchange resins with polydopamine as a linker. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 686, 9-17.	0.4	3
28	Titania nanoparticle-loaded mesoporous silica synthesized through layer-by-layer assembly for the photodegradation of sodium dodecylbenzenesulfonate. <i>Applied Surface Science</i> , 2019, 490, 38-46.	3.1	7
29	Unusual fluorescence of <i>o</i> -phenylazonaphthol derivatives with aggregation-induced emission and their use in two-photon cell imaging. <i>Chemical Communications</i> , 2019, 55, 6747-6750.	2.2	23
30	Adsorption of Ethylenediaminetetraacetic Acid on a Gel-Type Ion-Exchange Resin for Purification of Liquid Waste Containing Cs Ions. <i>Polymers</i> , 2019, 11, 297.	2.0	10
31	Removal of sodium dodecylbenzenesulfonate using surface-functionalized mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 270-277.	2.2	30
32	Chromatic detection of Cs ions using polydiacetylene-based vesicles containing crown-ether-like ethylene glycol units. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 343-349.	4.0	12
33	Turn-On Detection of Cs Ions Based on Conjugated Polymer-Graphene Oxide Composite. <i>Polymer</i> , 2019, 43, 302-308.	0.0	0
34	Dual-signal detection of trypsin using controlled aggregation of conjugated polymer dots and magnetic nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 264, 45-51.	4.0	19
35	Cobalt and nickel uptake by silica-based extractants. <i>Separation Science and Technology</i> , 2018, 53, 1552-1562.	1.3	13
36	Porous hydrogel containing Prussian blue nanoparticles for effective cesium ion adsorption in aqueous media. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 465-474.	2.9	26

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37	Emission Tuning with Size-Controllable Polymer Dots from a Single Conjugated Polymer. <i>Small</i> , 2018, 14, 1702758.	5.2	10
38	Synthesis of fluorescent conjugated polymer nanoparticles and their immobilization on a substrate for white light emission. <i>Polymer Chemistry</i> , 2018, 9, 5671-5679.	1.9	13
39	Synthesis of tetraphenylethylene-based conjugated microporous polymers for detection of nitroaromatic explosive compounds. <i>RSC Advances</i> , 2018, 8, 34291-34296.	1.7	26
40	Removal of Sodium Dodecylbenzenesulfonate by Macroporous Adsorbent Resins. <i>Materials</i> , 2018, 11, 1324.	1.3	8
41	Synthesis of Prussian blue-embedded porous polymer for detection and removal of Cs ions. <i>Polymer</i> , 2018, 158, 320-326.	1.8	9
42	Preparation of liquid marbles using an azobenzene-based metal-organic framework particles. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 660, 90-97.	0.4	1
43	Chemically bound Prussian blue in sodium alginate hydrogel for enhanced removal of Cs ions. <i>Journal of Hazardous Materials</i> , 2018, 360, 243-249.	6.5	75
44	Carbon nanodots functionalized with rhodamine and poly(ethylene glycol) for ratiometric sensing of Al ions in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 59-65.	4.0	21
45	Colorimetric detection and removal of radioactive Co ions using sodium alginate-based composite beads. <i>Journal of Hazardous Materials</i> , 2017, 326, 69-76.	6.5	25
46	Synthesis of conjugated polymer nanoparticles with core-shell structure for cell imaging and photodynamic cancer therapy. <i>Macromolecular Research</i> , 2017, 25, 572-577.	1.0	30
47	Synthesis of poly(p-phenylene) containing a rhodamine 6G derivative for the detection of Fe(III) in organic and aqueous media. <i>RSC Advances</i> , 2017, 7, 39852-39858.	1.7	11
48	Photoswitchable chromic behavior of conjugated polymer films for reversible patterning and construction of a logic gate. <i>Polymer Chemistry</i> , 2017, 8, 5539-5545.	1.9	15
49	Fabrication of hollow-centered sodium-alginate-based hydrogels embedded with various particles. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 659, 71-76.	0.4	2
50	Fluorescence Patterning on the Polymer Films Containing a Benzoxazole Compound. <i>Polymer</i> , 2017, 41, 641-647.	0.0	1
51	Macromol. Rapid Commun. 4/2016. <i>Macromolecular Rapid Communications</i> , 2016, 37, 372-372.	2.0	0
52	Photoswitchable Emission Color Change in Nanodots Containing Conjugated Polymer and Photochrome. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34770-34776.	4.0	31
53	Thermoresponsive, and reversibly emissive, core-shell nanogel composed of PNIPAM and carbon nanodots. <i>Polymer Bulletin</i> , 2016, 73, 2615-2625.	1.7	8
54	Fluorescent Conjugated Polymer Containing Rhodamine Derivative for Förster Resonance Energy Transfer-Based Detection of Al ³⁺ Ion. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8805-8808.	0.9	4

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55	Synthesis of a glucose oxidase-conjugated, polyacrylamide-based, fluorescent hydrogel for a reusable, ratiometric glucose sensor. <i>Polymer Chemistry</i> , 2016, 7, 6655-6661.	1.9	21
56	An Emission Color-Changeable Sensor for Biothiol Using a Water-Soluble Conjugated Polymer in a Paper-Based Strip. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8728-8732.	0.9	1
57	Full-Color Emissive Poly(Ethylene Oxide) Electrospun Nanofibers Containing a Single Hyperbranched Conjugated Polymer for Large-Scale, Flexible Light-Emitting Sheets. <i>Macromolecular Rapid Communications</i> , 2016, 37, 303-310.	2.0	16
58	Conjugated polymer-hybridized silica nanoparticle as a fluorescent sensor for cysteine. <i>Polymer Bulletin</i> , 2016, 73, 2447-2456.	1.7	8
59	Fluorescence sensing of glucose using glucose oxidase incorporated into a fluorophore-containing PNIPAM hydrogel. <i>Polymer Chemistry</i> , 2016, 7, 1907-1912.	1.9	27
60	Functionalized, Fluorescent, Conjugated Polymer Nanospheres for Protein Targeting via Förster Resonance Energy Transfer. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1756-1759.	0.9	2
61	Synthesis of conjugated, hyperbranched copolymers for tunable multicolor emissions in light-emitting diodes. <i>Polymer Chemistry</i> , 2015, 6, 5062-5069.	1.9	11
62	Simultaneous detection and removal of radioisotopes with modified alginate beads containing an azo-based probe using RGB coordinates. <i>Journal of Hazardous Materials</i> , 2015, 300, 227-234.	6.5	11
63	New Fluorescent Metal-Ion Detection Using a Paper-Based Sensor Strip Containing Tethered Rhodamine Carbon Nanodots. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15649-15657.	4.0	148
64	Electrostatically self-assembled microcapsule composed of conjugated polyelectrolytes and polypeptides for an emission color-changeable assay for trypsin. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1229-1235.	4.0	18
65	Synthesis of triphenylamine-containing conjugated polyelectrolyte and fabrication of fluorescence color-changeable, paper-based sensor strips for biothiol detection. <i>Polymer Chemistry</i> , 2015, 6, 714-720.	1.9	20
66	Fluorescent, stimuli-responsive, crosslinked PNIPAM-based microgel. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 623-630.	4.0	37
67	Water-soluble Conjugated Poly(p-phenylene ethynylene)s : Synthesis and Cell Imaging. <i>Polymer</i> , 2015, 39, 940.	0.0	1
68	Preparation of Conjugated Polymer Dots as a Fluorescence Turn-On Assay for Bovine Serum Albumin by Interaction with Graphene Oxide. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 600, 170-178.	0.4	5
69	Conjugated Polymer Dots-on-Electrospun Fibers as a Fluorescent Nanofibrous Sensor for Nerve Gas Stimulant. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22884-22893.	4.0	58
70	Detection of Ethylenediamine Using a Fluorescent Probe in Solution and in a PMMA Matrix. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 600, 179-188.	0.4	10
71	A fluorescence turn-on probe for the detection of thiol-containing amino acids in aqueous solution and bioimaging in cells. <i>Tetrahedron</i> , 2014, 70, 2034-2039.	1.0	14
72	Fabrication of a nanohybrid of conjugated polymer nanoparticles and graphene oxide for biosensing of trypsin. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1898-1904.	2.5	9

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73	Photocatalytic activities of cellulose-based nanofibers with different silver phases: Silver ions and nanoparticles. <i>Carbohydrate Polymers</i> , 2014, 102, 956-961.	5.1	13
74	Green synthesis and antimicrobial activity of silver chloride nanoparticles stabilized with chitosan oligomer. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2629-2638.	1.7	20
75	Fabrication, biofunctionalization, and simultaneous multicolor emission of hybrid "dots-on-spheres" structures for specific targeted imaging of cancer cells. <i>RSC Advances</i> , 2014, 4, 41378-41386.	1.7	9
76	Design principles of chemiluminescence (CL) chemodosimeter for self-signaling detection: luminol protective approach. <i>RSC Advances</i> , 2014, 4, 46488-46493.	1.7	9
77	The detection of thrombin using a mixture of a fluorescent conjugated polyelectrolyte and fibrinogen and implementation of a logic gate. <i>Chemical Communications</i> , 2014, 50, 5833-5836.	2.2	19
78	Aggregation-Deaggregation-Triggered, Tunable Fluorescence of an Assay Ensemble Composed of Anionic Conjugated Polymer and Polypeptides by Enzymatic Catalysis of Trypsin. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 918-924.	4.0	24
79	Conjugated Poly(fluorene-quinoxaline) for Fluorescence Imaging and Chemical Detection of Nerve Agents with Its Paper-Based Strip. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1330-1336.	4.0	46
80	Fluorescent Nanohybrid of Conjugated Polymer Dots on Mesoporous Silica Particles for Protease Sensing via Förster Resonance Energy Transfer. <i>Science of Advanced Materials</i> , 2014, 6, 2505-2510.	0.1	5
81	A Facile and Versatile Synthesis of Highly Luminescent Carbon Dots-on-Glass. <i>Science of Advanced Materials</i> , 2014, 6, 2440-2444.	0.1	2
82	Degradation Behavior of Nylon 4 in the Presence of Newly Synthesized Thermal Stabilizers. <i>Polymer</i> , 2014, 38, 314-319.	0.0	4
83	Colorimetric detection of transition metal ions with azopyridine-based probing molecule in aqueous solution and in PMMA film. <i>Fibers and Polymers</i> , 2013, 14, 1993-1998.	1.1	8
84	Oligonucleotide-mediated aggregation of a cationic conjugated polymer for fluorescent detection of mercury ions in an aqueous medium. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2393-2400.	2.5	7
85	Fluorescence turn-on detection of cyanide anion based on viologen-quenched water-soluble hyperbranched polymer. <i>Polymer</i> , 2013, 54, 1323-1328.	1.8	9
86	Simple Technique for Spatially Separated Nanofibers/Nanobeads by Multinozzle Electrospinning toward White-Light Emission. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6038-6044.	4.0	31
87	Fluorescence resonance energy transfer between polydiacetylene vesicles and embedded benzoxazole molecules for pH sensing. <i>Reactive and Functional Polymers</i> , 2013, 73, 451-456.	2.0	21
88	Highly hydrophobic nanofibrous surfaces generated by poly(vinylidene fluoride). <i>Fibers and Polymers</i> , 2013, 14, 1271-1275.	1.1	15
89	Synthesis of water-soluble, fluorescent, conjugated polybenzodiazaborole for detection of cyanide anion in water. <i>Polymer</i> , 2013, 54, 3542-3547.	1.8	23
90	Fluorometric Detection of Lectin with Water-Soluble Hyperbranched Conjugated Polymer Using Mannose Mediation. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4365-4369.	0.9	4

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91	Cobalt Ion-Mediated Cysteine Detection With a Hyperbranched Conjugated Polyelectrolyte as a New Sensing Platform. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1510-1516.	2.0	22
92	Macromol. Rapid Commun. 18/2012. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1592-1592.	2.0	1
93	Highly Selective Cysteine Detection and Bioimaging in Zebrafish through Emission Color Change of Water-Soluble Conjugated Polymer-Based Assay Complex. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1429-1433.	4.0	56
94	Simultaneous Detection and Removal of Mercury Ions in Aqueous Solution with Fluorescent Conjugated Polymer-Based Sensor Ensemble. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1061-1065.	2.0	34
95	Protein-induced aggregation of fluorescent conjugated polyelectrolytes with sulfonate groups: Synthesis and its sensing application. <i>Journal of Polymer Science Part A</i> , 2011, 49, 138-146.	2.5	27
96	Macromol. Rapid Commun. 14/2011. <i>Macromolecular Rapid Communications</i> , 2011, 32, .	2.0	0
97	Synthesis and Electrostatic Nano-Assembly of Water-Soluble Polybenzothiadiazole Derivatives with Long-Wavelength Emission in the Solid States. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6977-6980.	0.9	2
98	Synthesis of a polyoxadiazole containing the 4-hydroxypyridine group and photo-induced fluorescent imaging on the polymer film. <i>Reactive and Functional Polymers</i> , 2010, 70, 223-229.	2.0	5
99	Simultaneous and Dual Emissive Imaging by Micro-Contact Printing on the Surface of Electrostatically Assembled Water-Soluble Poly(p-phenylene) Using FRET. <i>Advanced Functional Materials</i> , 2010, 20, 3847-3855.	7.8	16
100	Simultaneous and Dual Emissive Imaging by Micro-Contact Printing on the Surface of Electrostatically Assembled Water-Soluble Poly(p-phenylene) Using FRET. <i>Advanced Functional Materials</i> , 2010, 20, 3846-3846.	7.8	0
101	Synthesis of reversible fluorescent organogel containing 2-(2-hydroxyphenyl)benzoxazole: fluorescence enhancement upon gelation and detecting property for nerve gas simulant. <i>Tetrahedron</i> , 2010, 66, 1667-1672.	1.0	48
102	Synthesis of organogelling, fluoride ion-responsive, cholesteryl-based benzoxazole containing intra- and intermolecular hydrogen-bonding sites. <i>Tetrahedron Letters</i> , 2010, 51, 5596-5600.	0.7	26
103	Synthesis of Conjugated Polymer Containing Bipyridine and Oxadiazole Groups and Its Metal Ion Sensing Property. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 519, 43-53.	0.4	5
104	Self-Assembly of Supramolecular Metallogelator Containing 2-(2-Hydroxyphenyl) benzoxazole/Zn(II) Chelate. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6929-6933.	0.9	2
105	Aldehyde-Functionalized, Water-Soluble Poly(para-phenylene): Synthesis and Streptavidin Assay Using FRET. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6920-6924.	0.9	3
106	A Glucose-Selective Fluorescent Water-Soluble Hyperbranched Polymer Sensor With Boronic Acid End Groups. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 519, 54-61.	0.4	6
107	Superhydrophobicity of cellulose triacetate fibrous mats produced by electrospinning and plasma treatment. <i>Carbohydrate Polymers</i> , 2009, 75, 246-250.	5.1	92
108	Highly Emissive Self-Assembled Organic Nanoparticles having Dual Color Capacity for Targeted Immunofluorescence Labeling. <i>Advanced Materials</i> , 2008, 20, 1117-1121.	11.1	57

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109	Superhydrophobicity of PHBV fibrous surface with bead-on-string structure. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 91-95.	5.0	105
110	Optical switching and anion-induced chromogenic application in conjugated polyazomethine derivatives. <i>Reactive and Functional Polymers</i> , 2008, 68, 1696-1703.	2.0	20
111	Gelation-induced fluorescence enhancement of benzoxazole-based organogel and its naked-eye fluoride detection. <i>Chemical Communications</i> , 2008, , 2364.	2.2	139
112	Synthesis of Maleimide-Functionalized Water-Soluble Poly(arylene ethynylene)s. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 492, 192/[556]-199/[563].	0.4	4
113	Collagen-Based Biomimetic Nanofibrous Scaffolds: Preparation and Characterization of Collagen/Silk Fibroin Bicomponent Nanofibrous Structures. <i>Biomacromolecules</i> , 2008, 9, 1106-1116.	2.6	147
114	Formulation of Thermally Cured Organic-Inorganic Superhydrophilic Coating for Antifogging Optical Application. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 117/[399]-129/[411].	0.4	10
115	Newly Synthesized Branch-type Aromatic Oxadiazole Polymer and Binary Fluorescence Patterning on its Film. <i>High Performance Polymers</i> , 2007, 19, 531-540.	0.8	2
116	Bis(2-hydroxyphenyl)-1,3,4-oxadiazole Derivative for Anion Sensing and Fluorescent Patterning. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 255/[537]-261/[543].	0.4	8
117	Diffraction Color Developed by Self-Assembly of Silica Particle Arrays. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 464, 153/[735]-159/[741].	0.4	4
118	A new series of 2,5-bis(4-methylphenyl)-1,3,4-oxadiazole derivatives: their synthesis and fluorescence properties for anion sensors. <i>Tetrahedron Letters</i> , 2007, 48, 7788-7792.	0.7	35
119	Synthesis of chromo- and fluorogenic poly(ortho-diaminophenylene) chemosensors for fluoride anion. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1546-1556.	2.5	26
120	New conjugated polymers comprising <i>ortho</i>-phenylazonaphthols: Synthesis and chromogenic behaviors. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4430-4440.	2.5	11
121	Aromatic oxadiazole-based conjugated polymers with excited-state intramolecular proton transfer: Their synthesis and sensing ability for explosive nitroaromatic compounds. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2059-2068.	2.5	48
122	Colorimetric Anion Sensing and Color Imaging Based on Catalyzed Deprotection in a New Azonaphthol Chromophore. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3551-3554.	0.9	3
123	Fabrication of YBa ₂ Cu ₃ O _{7-δ} superconducting nanofibres by electrospinning. <i>Superconductor Science and Technology</i> , 2006, 19, 1264-1268.	1.8	22
124	Surface Functionalization of Silica Particles with Phthalocyanine. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 444, 23-31.	0.4	2
125	Sensor Application of Submicro-Sized Silica Particle Functionalized with Hydroxyphenylbenzoxazole. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 445, 185/[475]-192/[482].	0.4	0
126	Synthesis of bipyridine polymer linked with cyanostyryl groups for colorimetric and fluorescent anion sensing. <i>Thin Solid Films</i> , 2005, 477, 100-103.	0.8	6

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127	Ultrafine porous fibers electrospun from cellulose triacetate. <i>Materials Letters</i> , 2005, 59, 2998-3001.	1.3	92
128	In vitro degradation behavior of electrospun polyglycolide, polylactide, and poly(lactide-co-glycolide). <i>Journal of Applied Polymer Science</i> , 2005, 95, 193-200.	1.3	240
129	Newly synthesized polybenzoxazole derivative with an adjacent hydroxyphenyl ring for optical sensing. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1397-1403.	2.5	27
130	A New Synthetic Approach for Polybenzoxazole and Light-Induced Fluorescent Patterning on Its Film. <i>Macromolecules</i> , 2005, 38, 9427-9433.	2.2	53
131	Electrically Anisotropic Thin Films Consisting of Polymeric and Metallic Nanolayers from Self-Assembled Lamellae of Diblock Copolymers. <i>Langmuir</i> , 2005, 21, 3625-3628.	1.6	18
132	SYNTHESIS AND CHARACTERIZATION OF LUMINESCENT POLYHYDROXYPYRIDINE LINKED WITH AROMATIC OXADIAZOLE. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2004, 13, 613-619.	1.1	1
133	Electrospinning of ultrafine cellulose acetate fibers: Studies of a new solvent system and deacetylation of ultrafine cellulose acetate fibers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 5-11.	2.4	217
134	Metal-induced optical sensing and optical switching in poly(pyridyl phenylene). <i>Journal of Polymer Science Part A</i> , 2004, 42, 2444-2450.	2.5	15
135	Preparation of Antimicrobial Ultrafine Cellulose Acetate Fibers with Silver Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1632-1637.	2.0	366
136	Synthesis of polyhydroxybenzoxazole-based colorimetric chemosensor for anionic species. <i>Materials Science and Engineering C</i> , 2004, 24, 261-264.	3.8	16
137	Self-assembled monolayer of the aromatic thioacetate on the gold surface. <i>Materials Science and Engineering C</i> , 2004, 24, 43-46.	3.8	32
138	Metal cation-induced optical characterization of oligomeric polycyanostyryl derivative. <i>Reactive and Functional Polymers</i> , 2004, 59, 225-233.	2.0	6
139	The effects of solution properties and polyelectrolyte on electrospinning of ultrafine poly(ethylene Tj ETQq1 1 0.784314 rgBTJ Overl	1.8	538
140	Chitin and chitosan nanofibers: electrospinning of chitin and deacetylation of chitin nanofibers. <i>Polymer</i> , 2004, 45, 7137-7142.	1.8	418
141	Electrospinning of silk fibroin nanofibers and its effect on the adhesion and spreading of normal human keratinocytes and fibroblasts in vitro. <i>Biomaterials</i> , 2004, 25, 1289-1297.	5.7	1,049
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