Taek Seung Lee

List of Publications by Year
in descending order

168 papers	6,592 citations	168829 31 h-index	78623 77 g-index
168 all docs	168 docs citations	168 times ranked	9151 citing authors

#	Article	IF	Citations
1	Colorimetric detection of Co ions by a poly(vinyl alcohol)-based hydrogel using color coordinate. Dyes and Pigments, 2022, 197, 109894.	2.0	1
2	Cesium ion adsorption and desorption on electrospun mesoporous silica nanofibers immobilized with Prussian blue. Chemosphere, 2022, 290, 133318.	4.2	16
3	Moving photocatalyst of a titanium dioxide-based micromotor asymmetrically decorated with conjugated polymer dots. Materials and Design, 2022, 219, 110743.	3.3	5
4	Fabrication of a porous polyacrylonitrile nanofiber adsorbent for removing radioactive 60Co. Chemosphere, 2022, 302, 134910.	4.2	2
5	Synthesis of gelation-induced emissive, o-phenylazonaphthol-based organogel and its responsiveness to fluoride anion. Tetrahedron, 2021, 81, 131895.	1.0	5
6	Visible-Light-Driven Asymmetric TiO₂-Based Photocatalytic Micromotor Hybridized with a Conjugated Polyelectrolyte and Glucose Oxidase. Langmuir, 2021, 37, 6301-6310.	1.6	12
7	Decoration of conjugated polyquinoxaline dots on mesoporous TiO2 nanofibers for visible-light-driven photocatalysis. Polymer, 2021, 228, 123892.	1.8	18
8	Electrospun mesoporous silica nanofibers decorated with titanium dioxide nanoparticles for a repeatable photocatalysis. Molecular Crystals and Liquid Crystals, 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. Chemosphere, 2021, 276, 130190.	4.2	12
10	Synthesis of donor-acceptor-type conjugated polymer dots as organic photocatalysts for dye degradation and hydrogen evolution. Polymer, 2021, 229, 124004.	1.8	13
11	Synthesis of <scp>Melamineâ€Formaldehyde</scp> Microcapsules Containing Polyfluorene for Fluorescent Detection of Picric Acid in Aqueous Medium. Bulletin of the Korean Chemical Society, 2021, 42, 124-129.	1.0	2
12	Fluorescence Modulation of Conjugated Polymer Nanoparticles Embedded in Poly(N-Isopropylacrylamide) Hydrogel. Polymers, 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. Polymer, 2021, 237, 124384.	1.8	1
14	Cesium ion-exchange resin using sodium dodecylbenzenesulfonate for binding to Prussian blue. Chemosphere, 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. Nanoscale, 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. Sensors and Actuators B: Chemical, 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. Polymer, 2020, 211, 123060.	1.8	13
18	Synthesis of poly(N-isopropylacrylamide) polymer crosslinked with an AIE-active azonaphthol for thermoreversible fluorescence. RSC Advances, 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. Chemosphere, 2020, 259, 127391.	4.2	11
20	Prussian Blue Decoration on Polyacrylonitrile Nanofibers Using Polydopamine for Effective Cs Ion Removal. Industrial & Engineering Chemistry Research, 2020, 59, 4872-4880.	1.8	22
21	Manipulation of intramolecular hydrogen bonds in single-benzene derivatives: Esterase sensing, fluorescence patterning, and inkless writing. Sensors and Actuators B: Chemical, 2020, 319, 128307.	4.0	11
22	A Singleâ€Benzeneâ€Based Fluorophore: Optical Waveguiding in the Crystal Form. ChemPlusChem, 2019, 84, 1130-1134.	1.3	26
23	Molecular Design Approach for Directed Alignment of Conjugated Polymers. Macromolecules, 2019, 52, 6485-6494.	2.2	6
24	Remediation of radioiodine using polyamine anion exchange resins. Journal of Industrial and Engineering Chemistry, 2019, 78, 210-221.	2.9	12
25	Switchable control of hydrophilicity and hydrophobicity in conjugated polymer nanoparticles by carbon dioxide. Molecular Crystals and Liquid Crystals, 2019, 685, 78-86.	0.4	2
26	Synthesis of conjugated microporous polymer-based fluorescent â€œturn-offâ€•sensor for selective detection of picric acid. Molecular Crystals and Liquid Crystals, 2019, 686, 1-8.	0.4	6
27	Prussian blue-decorated Cs ion exchange resins with polydopamine as a linker. Molecular Crystals and Liquid Crystals, 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. Applied Surface Science, 2019, 490, 38-46.	3.1	7
29	Unusual fluorescence of o-phenylazonaphthol derivatives with aggregation-induced emission and their use in two-photon cell imaging. Chemical Communications, 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. Polymers, 2019, 11, 297.	2.0	10
31	Removal of sodium dodecylbenzenesulfonate using surface-functionalized mesoporous silica nanoparticles. Microporous and Mesoporous Materials, 2019, 275, 270-277.	2.2	30
32	Chromatic detection of Cs ions using polydiacetylene-based vesicles containing crown-ether-like ethylene glycol units. Sensors and Actuators B: Chemical, 2019, 281, 343-349.	4.0	12
33	Turn-On Detection of Cs Ions Based on Conjugated Polymer-Graphene Oxide Composite. Porrime, 2019, 43, 302-308.	0.0	0
34	Dual-signal detection of trypsin using controlled aggregation of conjugated polymer dots and magnetic nanoparticles. Sensors and Actuators B: Chemical, 2018, 264, 45-51.	4.0	19
35	Cobalt and nickel uptake by silica-based extractants. Separation Science and Technology, 2018, 53, 1552-1562.	1.3	13
36	Porous hydrogel containing Prussian blue nanoparticles for effective cesium ion adsorption in aqueous media. Journal of Industrial and Engineering Chemistry, 2018, 60, 465-474.	2.9	26

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37	Emission Tuning with Sizeâ€€Controllable Polymer Dots from a Single Conjugated Polymer. Small, 2018, 14, 1702758.	5.2	10
38	Synthesis of fluorescent conjugated polymer nanoparticles and their immobilization on a substrate for white light emission. Polymer Chemistry, 2018, 9, 5671-5679.	1.9	13
39	Synthesis of tetraphenylethylene-based conjugated microporous polymers for detection of nitroaromatic explosive compounds. RSC Advances, 2018, 8, 34291-34296.	1.7	26
40	Removal of Sodium Dodecylbenzenesulfonate by Macroporous Adsorbent Resins. Materials, 2018, 11, 1324.	1.3	8
41	Synthesis of Prussian blue-embedded porous polymer for detection and removal of Cs ions. Polymer, 2018, 158, 320-326.	1.8	9
42	Preparation of liquid marbles using an azobenzene-based metal-organic framework particles. Molecular Crystals and Liquid Crystals, 2018, 660, 90-97.	0.4	1
43	Chemically bound Prussian blue in sodium alginate hydrogel for enhanced removal of Cs ions. Journal of Hazardous Materials, 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. Sensors and Actuators B: Chemical, 2017, 249, 59-65.	4.0	21
45	Colorimetric detection and removal of radioactive Co ions using sodium alginate-based composite beads. Journal of Hazardous Materials, 2017, 326, 69-76.	6.5	25
46	Synthesis of conjugated polymer nanoparticles with core-shell structure for cell imaging and photodynamic cancer therapy. Macromolecular Research, 2017, 25, 572-577.	1.0	30
47	Synthesis of poly(p-phenylene) containing a rhodamine 6G derivative for the detection of Fe(<scp>iii</scp>) in organic and aqueous media. RSC Advances, 2017, 7, 39852-39858.	1.7	11
48	Photoswitchable chromic behavior of conjugated polymer films for reversible patterning and construction of a logic gate. Polymer Chemistry, 2017, 8, 5539-5545.	1.9	15
49	Fabrication of hollow-centered sodium-alginate-based hydrogels embedded with various particles. Molecular Crystals and Liquid Crystals, 2017, 659, 71-76.	0.4	2
50	Fluorescence Patterning on the Polymer Films Containing a Benzoxazole Compound. Porrime, 2017, 41, 641-647.	0.0	1
51	Macromol. Rapid Commun. 4/2016. Macromolecular Rapid Communications, 2016, 37, 372-372.	2.0	0
52	Photoswitchable Emission Color Change in Nanodots Containing Conjugated Polymer and Photochrome. ACS Applied Materials & Interfaces, 2016, 8, 34770-34776.	4.0	31
53	Thermoresponsive, and reversibly emissive, coreâ€“shell nanogel composed of PNIPAM and carbon nanodots. Polymer Bulletin, 2016, 73, 2615-2625.	1.7	8
54	Fluorescent Conjugated Polymer Containing Rhodamine Derivative for FÃ¶rster Resonance Energy Transfer-Based Detection of Al3+ Ion. Journal of Nanoscience and Nanotechnology, 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. Polymer Chemistry, 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. Journal of Nanoscience and Nanotechnology, 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. Macromolecular Rapid Communications, 2016, 37, 303-310.	2.0	16
58	Conjugated polymer-hybridized silica nanoparticle as a fluorescent sensor for cysteine. Polymer Bulletin, 2016, 73, 2447-2456.	1.7	8
59	Fluorescence sensing of glucose using glucose oxidase incorporated into a fluorophore-containing PNIPAM hydrogel. Polymer Chemistry, 2016, 7, 1907-1912.	1.9	27
60	Functionalized, Fluorescent, Conjugated Polymer Nanospheres for Protein Targeting via FÃ¶rster Resonance Energy Transfer. Journal of Nanoscience and Nanotechnology, 2015, 15, 1756-1759.	0.9	2
61	Synthesis of conjugated, hyperbranched copolymers for tunable multicolor emissions in light-emitting diodes. Polymer Chemistry, 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. Journal of Hazardous Materials, 2015, 300, 227-234.	6.5	11
63	New Fluorescent Metal-Ion Detection Using a Paper-Based Sensor Strip Containing Tethered Rhodamine Carbon Nanodots. ACS Applied Materials & Interfaces, 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. Sensors and Actuators B: Chemical, 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. Polymer Chemistry, 2015, 6, 714-720.	1.9	20
66	Fluorescent, stimuli-responsive, crosslinked PNIPAM-based microgel. Sensors and Actuators B: Chemical, 2015, 207, 623-630.	4.0	37
67	Water-soluble Conjugated Poly(p-phenylene ethynylene)s : Synthesis and Cell Imaging. Porrime, 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. Molecular Crystals and Liquid Crystals, 2014, 600, 170-178.	0.4	5
69	Conjugated Polymer Dots-on-Electrospun Fibers as a Fluorescent Nanofibrous Sensor for Nerve Gas Stimulant. ACS Applied Materials & Interfaces, 2014, 6, 22884-22893.	4.0	58
70	Detection of Ethylenediamine Using a Fluorescent Probe in Solution and in a PMMA Matrix. Molecular Crystals and Liquid Crystals, 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. Tetrahedron, 2014, 70, 2034-2039.	1.0	14
72	Fabrication of a nanohybrid of conjugated polymer nanoparticles and graphene oxide for biosensing of trypsin. Journal of Polymer Science Part A, 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. Carbohydrate Polymers, 2014, 102, 956-961.	5.1	13
74	Green synthesis and antimicrobial activity of silver chloride nanoparticles stabilized with chitosan oligomer. Journal of Materials Science: Materials in Medicine, 2014, 25, 2629-2638.	1.7	20
75	Fabrication, biofunctionalization, and simultaneous multicolor emission of hybrid â€œdots-on-spheresâ€• structures for specific targeted imaging of cancer cells. RSC Advances, 2014, 4, 41378-41386.	1.7	9
76	Design principles of chemiluminescence (CL) chemodosimeter for self-signaling detection: luminol protective approach. RSC Advances, 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. Chemical Communications, 2014, 50, 5833-5836.	2.2	19
78	Aggregationâ€“Deaggregation-Triggered, Tunable Fluorescence of an Assay Ensemble Composed of Anionic Conjugated Polymer and Polypeptides by Enzymatic Catalysis of Trypsin. ACS Applied Materials & Interfaces, 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. ACS Applied Materials & Interfaces, 2014, 6, 1330-1336.	4.0	46
80	Fluorescent Nanohybrid of Conjugated Polymer Dots on Mesoporous Silica Particles for Protease Sensing via FÃ¶rster Resonance Energy Transfer. Science of Advanced Materials, 2014, 6, 2505-2510.	0.1	5
81	A Facile and Versatile Synthesis of Highly Luminescent Carbon Dots-on-Glass. Science of Advanced Materials, 2014, 6, 2440-2444.	0.1	2
82	Degradation Behavior of Nylon 4 in the Presence of Newly Synthesized Thermal Stabilizers. Porrime, 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. Fibers and Polymers, 2013, 14, 1993-1998.	1.1	8
84	Oligonucleotideâ€mediated aggregation of a cationic conjugated polymer for fluorescent detection of mercury ions in an aqueous medium. Journal of Polymer Science Part A, 2013, 51, 2393-2400.	2.5	7
85	Fluorescence turn-on detection of cyanide anion based on viologen-quenched water-soluble hyperbranched polymer. Polymer, 2013, 54, 1323-1328.	1.8	9
86	Simple Technique for Spatially Separated Nanofibers/Nanobeads by Multinozzle Electrospinning toward White-Light Emission. ACS Applied Materials & Interfaces, 2013, 5, 6038-6044.	4.0	31
87	Fluorescence resonance energy transfer between polydiacetylene vesicles and embedded benzoxazole molecules for pH sensing. Reactive and Functional Polymers, 2013, 73, 451-456.	2.0	21
88	Highly hydrophobic nanofibrous surfaces genearated by poly(vinylidene fluoride). Fibers and Polymers, 2013, 14, 1271-1275.	1.1	15
89	Synthesis of water-soluble, fluorescent, conjugated polybenzodiazaborole forÂdetection of cyanide anion in water. Polymer, 2013, 54, 3542-3547.	1.8	23
90	Fluorometric Detection of Lectin with Water-Soluble Hyperbranched Conjugated Polymer Using Mannose Mediation. Journal of Nanoscience and Nanotechnology, 2012, 12, 4365-4369.	0.9	4

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

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109	Superhydrophobicity of PHBV fibrous surface with bead-on-string structure. Journal of Colloid and Interface Science, 2008, 320, 91-95.	5.0	105
110	Optical switching and anion-induced chromogenic application in conjugated polyazomethine derivatives. Reactive and Functional Polymers, 2008, 68, 1696-1703.	2.0	20
111	Gelation-induced fluorescence enhancement of benzoxazole-based organogel and its naked-eye fluoride detection. Chemical Communications, 2008, , 2364.	2.2	139
112	Synthesis of Maleimide-Functionalized Water-Soluble Poly(arylene ethynylene)s. Molecular Crystals and Liquid Crystals, 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. Biomacromolecules, 2008, 9, 1106-1116.	2.6	147
114	Formulation of Thermally Cured Organic-Inorganic Superhydrophilic Coating for Antifogging Optical Application. Molecular Crystals and Liquid Crystals, 2007, 463, 117/[399]-129/[411].	0.4	10
115	Newly Synthesized Branch-type Aromatic Oxadiazole Polymer and Binary Fluorescence Patterning on its Film. High Performance Polymers, 2007, 19, 531-540.	0.8	2
116	Bis(2-hydroxyphenyl)-1,3,4-oxadiazole Derivative for Anion Sensing and Fluorescent Patterning. Molecular Crystals and Liquid Crystals, 2007, 463, 255/[537]-261/[543].	0.4	8
117	Diffraction Color Developed by Self-Assembly of Silica Particle Arrays. Molecular Crystals and Liquid Crystals, 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. Tetrahedron Letters, 2007, 48, 7788-7792.	0.7	35
119	Synthesis of chromo- and fluorogenic poly(ortho-diaminophenylene) chemosensors for fluoride anion. Journal of Polymer Science Part A, 2007, 45, 1546-1556.	2.5	26
120	New conjugated polymers comprising orthoâ€phenylazonaphthols: Synthesis and chromogenic behaviors. Journal of Polymer Science Part A, 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. Journal of Polymer Science Part A, 2006, 44, 2059-2068.	2.5	48
122	Colorimetric Anion Sensing and Color Imaging Based on Catalyzed Deprotection in a New Azonaphthol Chromophore. Journal of Nanoscience and Nanotechnology, 2006, 6, 3551-3554.	0.9	3
123	Fabrication of YBa2Cu3O7â˜Îsuperconducting nanofibres by electrospinning. Superconductor Science and Technology, 2006, 19, 1264-1268.	1.8	22
124	Surface Functionalization of Silica Particles with Phthalocyanine. Molecular Crystals and Liquid Crystals, 2006, 444, 23-31.	0.4	2
125	Sensor Application of Submicro-Sized Silica Particle Functionalized with Hydroxyphenylbenzoxazole. Molecular Crystals and Liquid Crystals, 2006, 445, 185/[475]-192/[482].	0.4	0
126	Synthesis of bipyridine polymer linked with cyanostyryl groups for colorimetric and fluorescent anion sensing. Thin Solid Films, 2005, 477, 100-103.	0.8	6

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127	Ultrafine porous fibers electrospun from cellulose triacetate. Materials Letters, 2005, 59, 2998-3001.	1.3	92
128	In vitro degradation behavior of electrospun polyglycolide, polylactide, and poly(lactide-co-glycolide). Journal of Applied Polymer Science, 2005, 95, 193-200.	1.3	240
129	Newly synthesized polybenzoxazole derivative with an adjacent hydroxyphenyl ring for optical sensing. Journal of Polymer Science Part A, 2005, 43, 1397-1403.	2.5	27
130	A New Synthetic Approach for Polybenzoxazole and Light-Induced Fluorescent Patterning on Its Film. Macromolecules, 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. Langmuir, 2005, 21, 3625-3628.	1.6	18
132	SYNTHESIS AND CHARACTERIZATION OF LUMINESCENT POLYHYDROXYPYRIDINE LINKED WITH AROMATIC OXADIAZOLE. Journal of Nonlinear Optical Physics and Materials, 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. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 5-11.	2.4	217
134	Metal-induced optical sensing and optical switching in poly(pyridyl phenylene). Journal of Polymer Science Part A, 2004, 42, 2444-2450.	2.5	15
135	Preparation of Antimicrobial Ultrafine Cellulose Acetate Fibers with Silver Nanoparticles. Macromolecular Rapid Communications, 2004, 25, 1632-1637.	2.0	366
136	Synthesis of polyhydroxybenzoxazole-based colorimetric chemosensor for anionic species. Materials Science and Engineering C, 2004, 24, 261-264.	3.8	16
137	Self-assembled monolayer of the aromatic thioacetate on the gold surface. Materials Science and Engineering C, 2004, 24, 43-46.	3.8	32
138	Metal cation-induced optical characterization of oligomeric polycyanostyryl derivative. Reactive and Functional Polymers, 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 rgBT /Overlock	1.8	538
140	Chitin and chitosan nanofibers: electrospinning of chitin and deacetylation of chitin nanofibers. Polymer, 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. Biomaterials, 2004, 25, 1289-1297.	5.7	1,049
142	Ionochromic 4,4â€²-azobispyridinium salt-incorporated polymer: synthesis and optical properties. Optical Materials, 2003, 21, 285-288.	1.7	3
143	Optical properties of segmented cyano-containing PPV-based chromophore for fluorescent sensing. Optical Materials, 2003, 21, 429-432.	1.7	10
144	Synthesis and optical properties of an azoaromatic, chromophore-functionalized, oligomeric polyelectrolyte. Journal of Polymer Science Part A, 2003, 41, 1196-1201.	2.5	7

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145	Silk Fibroin Nanofiber. Electrospinning, Properties, and Structure. Polymer Journal, 2003, 35, 185-190.	1.3	220
146	Synthesis of chitooligosaccharide derivative with quaternary ammonium group and its antimicrobial activity against Streptococcus mutans. International Journal of Biological Macromolecules, 2003, 32, 23-27.	3.6	119
147	SYNTHESIS OF CONJUGATED POLYOXADIAZOLE WITH BIPYRIDINE MOIETY FOR OPTICAL SENSING. Molecular Crystals and Liquid Crystals, 2003, 406, 143-150.	0.4	0
148	Synthesis of polyquinoline ether and its optical sensor property in the presence of metal cations. Journal of Polymer Science Part A, 2002, 40, 1831-1837.	2.5	15
149	Optical sensing of metal ions by using polyamide containing azo moieties. Synthetic Metals, 2001, 117, 135-136.	2.1	2
150	Formation of metal complex in a poly(hydroxamic acid) resin bead. Fibers and Polymers, 2001, 2, 13-17.	1.1	12
151	Conjugated vinyl derivatives of chitooligosaccharide: Synthesis and characterization. Journal of Polymer Science Part A, 2001, 39, 880-887.	2.5	9
152	Effect of Side Chains on the Thermal Degradation of Poly(3-hydroxyalkanoates). Macromolecular Chemistry and Physics, 2001, 202, 1257-1261.	1.1	33
153	Synthesis and electrostatic multilayer assembly of an acridine-containing polymer with properties of an optical sensor. Macromolecular Rapid Communications, 2000, 21, 951-955.	2.0	20
154	Oxidative stabilization mechanism of poly(vinyl chloride) pitch. Polymer Degradation and Stability, 2000, 68, 247-252.	2.7	7
155	Synthesis of Polymeric Fluorescent Chemosensor for the Recognition of Fe³⁺ Ion. Molecular Crystals and Liquid Crystals, 2000, 349, 283-286.	0.3	6
156	Electro-optical properties of thermally stable self-crosslinkable copolymer with glycidyl methacrylate units. European Polymer Journal, 1999, 35, 1197-1201.	2.6	9
157	Synthesis of Congo Red linked with alkyl amide polymer and its optical ion-sensing property. Polymer Bulletin, 1999, 42, 655-660.	1.7	11
158	Photoinduced surface relief gratings in high-Tg main-chain azoaromatic polymer films. Journal of Polymer Science Part A, 1998, 36, 283-289.	2.5	51
159	Photo-induced Holographic Surface Relief Gratings in High Tg Main-chain Azoaromatic Polymer Films. Molecular Crystals and Liquid Crystals, 1998, 316, 95-98.	0.3	0
160	Gradient force: The mechanism for surface relief grating formation in azobenzene functionalized polymers. Applied Physics Letters, 1998, 72, 2096-2098.	1.5	464
161	Synthesis and optical properties of polyureas with azoaromatic groups in the main chain. Macromolecular Chemistry and Physics, 1997, 198, 2279-2289.	1.1	49
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