

Yanqing Tian

List of Publications by Year in descending order

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162
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all docs

164
docs citations

164
times ranked

7682
citing authors

#	ARTICLE	IF	CITATIONS
1	A series of simple curcumin-derived colorimetric and fluorescent probes for ratiometric-pH sensing and cell imaging. Chinese Chemical Letters, 2022, 33, 339-343.	4.8	14
2	High performance electrochromic supercapacitors powered by perovskite-solar-cell for real-time light energy flow control. Chemical Engineering Journal, 2022, 430, 133082.	6.6	15
3	Wearable fluorescent contact lenses for monitoring glucose via a smartphone. Sensors and Actuators B: Chemical, 2022, 352, 131067.	4.0	36
4	Polymerizable Oxygen Probe Derived from Platinum-Based Porphyrins for Oxygen Sensing and Pressure-Sensitive Paints. ACS Applied Polymer Materials, 2022, 4, 806-814.	2.0	5
5	High-performance conductive adhesives based on water-soluble resins for printed circuits, flexible conductive films, and electromagnetic interference shielding devices. Advanced Composites and Hybrid Materials, 2022, 5, 1730-1742.	9.9	26
6	A Dual pH/O ₂ Sensing Film Based on Functionalized Electrospun Nanofibers for Real-Time Monitoring of Cellular Metabolism. Molecules, 2022, 27, 1586.	1.7	2
7	High-Performance Conductive Polymer Composites by Incorporation of Polyaniline-Wrapped Halloysite Nanotubes and Silver Microflakes. ACS Applied Polymer Materials, 2022, 4, 3352-3360.	2.0	18
8	An ultrasensitive fluorescent breath ammonia sensor for noninvasive diagnosis of chronic kidney disease and helicobacter pylori infection. Chemical Engineering Journal, 2022, 440, 135979.	6.6	19
9	Facile synthesis of highly conductive and dispersible PEDOT particles. Polymer, 2022, 252, 124952.	1.8	6
10	A multicolor fluorescent sensor array based on curcumin and its analogs as a shrimp freshness indicator. Sensors and Actuators B: Chemical, 2022, 367, 132153.	4.0	14
11	New nanostructured extracellular potassium ion probe for assay of cellular K ⁺ transport. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 279, 121435.	2.0	4
12	Rational Design of a Polymer-Based Ratiometric K ⁺ Indicator for High-Throughput Monitoring Intracellular K ⁺ Fluctuations. ACS Applied Bio Materials, 2021, 4, 1731-1739.	2.3	6
13	Automatic light-adjusting electrochromic device powered by perovskite solar cell. Nature Communications, 2021, 12, 1010.	5.8	92
14	Synthesis of PDMS containing block copolymers and their applications in oxygen sensing and pressure sensitive paints. Polymer, 2021, 229, 123968.	1.8	4
15	GdDO ₃ NI Enhanced Magnetic Resonance Imaging Allows Imaging of Hypoxia After Brain Injury. Journal of Magnetic Resonance Imaging, 2021, , .	1.9	2
16	Fluorinated Cross-linkable and Dopant-free hole transporting materials for efficient and stable perovskite solar cells. Chemical Engineering Journal, 2021, 422, 130124.	6.6	26
17	Intracellular potassium ion fluorescent nanoprobe for functional analysis of hERG channel via bioimaging. Sensors and Actuators B: Chemical, 2021, 345, 130450.	4.0	6
18	PNIPAM-based extracellular K ⁺ fluorescent sensor for high-throughput analysis. Materials Today Communications, 2021, 29, 102911.	0.9	2

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19	Electron Transporting Bilayer of SnO ₂ and TiO ₂ Nanocolloid Enables Highly Efficient Planar Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900331.	3.1	46
20	Electron Transporting Bilayer of SnO ₂ and TiO ₂ Nanocolloid Enables Highly Efficient Planar Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2070014.	3.1	3
21	A Highly Stable and Tunable Visible-Near-IR Electrochromic All-Optical Gel Device. <i>ChemPhotoChem</i> , 2020, 4, 357-365.	1.5	15
22	Development of a new simple mitochondria-targeted fluorescent K ⁺ sensor and the application in high-throughput monitoring K ⁺ fluxes. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127659.	4.0	14
23	A transparent-to-gray electrochromic device based on an asymmetric viologen. <i>New Journal of Chemistry</i> , 2020, 44, 19902-19907.	1.4	11
24	Polymer matrix: A good substrate material for oxygen probes used in pressure sensitive paints. <i>Advances in Colloid and Interface Science</i> , 2020, 283, 102240.	7.0	10
25	Highly Conductive and Highly Dispersed Polythiophene Nanoparticles for Fabricating High-Performance Conductive Adhesives. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2750-2759.	2.0	17
26	Polymer Solar Cells: High-Performance All-Polymer Solar Cells Enabled by n-Type Polymers with an Ultranarrow Bandgap Down to 1.28 eV (Adv. Mater. 30/2020). <i>Advanced Materials</i> , 2020, 32, 2070226.	11.1	2
27	Close Temporal Relationship between Oscillating Cytosolic K ⁺ and Growth in Root Hairs of Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6184.	1.8	6
28	Electron/energy co-transfer behavior and reducibility of Cu-chlorophyllin-bonded carbon-dots. <i>RSC Advances</i> , 2020, 10, 31495-31501.	1.7	5
29	Development of a molecular K ⁺ probe for colorimetric/fluorescent/photoacoustic detection of K ⁺ . <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6947-6957.	1.9	19
30	High-Performance All-Polymer Solar Cells Enabled by n-Type Polymers with an Ultranarrow Bandgap Down to 1.28 eV. <i>Advanced Materials</i> , 2020, 32, e2001476.	11.1	103
31	Tricolor dual sensor for ratiometrically analyzing potassium ions and dissolved oxygen. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118155.	2.0	11
32	A mitochondria-targeting NIR fluorescent potassium ion sensor: real-time investigation of the mitochondrial K ⁺ regulation of apoptosis <i>in situ</i> . <i>Chemical Communications</i> , 2020, 56, 5405-5408.	2.2	20
33	Highly dispersed polypyrrole nanotubes for improving the conductivity of electrically conductive adhesives. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9675-9684.	1.1	13
34	Facile Preparation of Hybrid Structure Based on Mesodome and Micropillar Arrays as Flexible Electronic Skin with Tunable Sensitivity and Detection Range. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28060-28071.	4.0	67
35	Side-Chain Polymers as Dopant-Free Hole-Transporting Materials for Perovskite Solar Cells—The Impact of Substituents' Positions in Carbazole on Device Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26928-26937.	4.0	36
36	Side-Chain Engineering on Dopant-Free Hole-Transporting Polymers toward Highly Efficient Perovskite Solar Cells (20.19%). <i>Advanced Functional Materials</i> , 2019, 29, 1904856.	7.8	69

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37	Synergistic effects of multiple functional ionic liquid-treated PEDOT:PSS and less-ion-defects S-acetylthiocholine chloride-passivated perovskite surface enabling stable and hysteresis-free inverted perovskite solar cells with conversion efficiency over 20%. <i>Nano Energy</i> , 2019, 63, 103866.	8.2	60
38	Fabrication of Novel Printable Electrically Conductive Adhesives (ECAs) with Excellent Conductivity and Stability Enhanced by the Addition of Polyaniline Nanoparticles. <i>Nanomaterials</i> , 2019, 9, 960.	1.9	22
39	Extracellular Oxygen Sensors Based on PtTFPP and Four-Arm Block Copolymers. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4404.	1.3	5
40	Air-stable, high contrast solution-phase electrochromic device based on an A-D-A viologen derivative. <i>Journal of Electroanalytical Chemistry</i> , 2019, 851, 113447.	1.9	22
41	Photo-patterned oxygen sensing films based on Pt porphyrin for controlling cell growth and studying metabolism. <i>RSC Advances</i> , 2019, 9, 924-930.	1.7	6
42	Fabrication of high performance printed flexible conductors by doping of polyaniline nanomaterials into silver paste. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1188-1197.	2.7	30
43	High-throughput extracellular pH monitoring and antibiotics screening by polymeric fluorescent sensor with LCST property. <i>Methods</i> , 2019, 168, 51-61.	1.9	4
44	Robust and Wearable Pressure Sensor Assembled from AgNW-Coated PDMS Micropillar Sheets with High Sensitivity and Wide Detection Range. <i>ACS Applied Nano Materials</i> , 2019, 2, 3196-3205.	2.4	50
45	Dual pH and oxygen luminescent nanoprobes based on graft polymers for extracellular metabolism monitoring and intracellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 306-318.	4.0	15
46	EDTA-bonded multi-connected carbon-dots and their Eu ³⁺ complex: preparation and optical properties. <i>RSC Advances</i> , 2019, 9, 10645-10650.	1.7	7
47	Tricolor core/shell polymeric ratiometric nanosensors for intracellular glucose and oxygen dual sensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 437-444.	4.0	14
48	Carbon Nanotubes with Carbon Blacks as Cofillers to Improve Conductivity and Stability. <i>ACS Omega</i> , 2019, 4, 4169-4175.	1.6	15
49	Easily Synthesized Polyaniline@Cellulose Nanowhiskers Better Tune Network Structures in Ag-Based Adhesives: Examining the Improvements in Conductivity, Stability, and Flexibility. <i>Nanomaterials</i> , 2019, 9, 1542.	1.9	10
50	cRGD functionalized 2,1,3-benzothiadiazole (BTD)-containing two-photon absorbing red-emitter-conjugated amphiphilic poly(ethylene glycol)-block-poly(μ -caprolactone) for targeted bioimaging. <i>RSC Advances</i> , 2019, 9, 34235-34243.	1.7	10
51	Multi-arm polymers prepared by atom transfer radical polymerization (ATRP) and their electrospun films as oxygen sensors and pressure sensitive paints. <i>European Polymer Journal</i> , 2019, 112, 214-221.	2.6	8
52	Hole-transporting layer based on a conjugated polyelectrolyte with organic cations enables efficient inverted perovskite solar cells. <i>Nano Energy</i> , 2019, 57, 248-255.	8.2	52
53	Optical oxygen sensors based on microfibers formed from fluorinated copolymers. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 885-895.	4.0	25
54	Electrically switchable photonic crystals based on liquid-crystal-infiltrated TiO ₂ -inverse opals. <i>Optics Express</i> , 2019, 27, 15391.	1.7	8

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55	Robust and magnetically recoverable dual-sensor particles: Real-time monitoring of glucose and dissolved oxygen. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 371-379.	4.0	7
56	Simultaneous Multiparameter Cellular Energy Metabolism Profiling of Small Populations of Cells. <i>Scientific Reports</i> , 2018, 8, 4359.	1.6	3
57	Multifunctional PHPMA-Derived Polymer for Ratiometric pH Sensing, Fluorescence Imaging, and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1556-1565.	4.0	49
58	Honeycomb structured porous films from a platinum porphyrin-grafted poly(styrene-co-4-vinylpyridine) copolymer as an optical oxygen sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 944-953.	4.0	37
59	Amphiphilic Fluorine-Containing Block Copolymers as Carriers for Hydrophobic PtTFPP for Dissolved Oxygen Sensing, Cell Respiration Monitoring and In Vivo Hypoxia Imaging with High Quantum Efficiency and Long Lifetime. <i>Sensors</i> , 2018, 18, 3752.	2.1	8
60	Hydrogel-Based Fluorescent Dual pH and Oxygen Sensors Loaded in 96-Well Plates for High-Throughput Cell Metabolism Studies. <i>Sensors</i> , 2018, 18, 564.	2.1	30
61	Microfabricable ratiometric gaseous oxygen sensors based on inorganic perovskite nanocrystals and PtTFPP. <i>Sensors and Actuators B: Chemical</i> , 2018, 271, 104-109.	4.0	10
62	Silver Nanowire-Induced Sensitivity Enhancement of Optical Oxygen Sensors Based on AgNWs@Palladium Octaethylporphine@Poly(methyl methacrylate) Microfiber Mats Prepared by Electrospinning. <i>ACS Omega</i> , 2018, 3, 5669-5677.	1.6	7
63	Electrospun nanofibers and spin coated films prepared from side-chain copolymers with chemically bounded platinum (II) porphyrin moieties for oxygen sensing and pressure sensitive paints. <i>Talanta</i> , 2018, 188, 124-134.	2.9	15
64	Preparation and application of ratiometric polystyrene-based microspheres as oxygen sensors. <i>Analytica Chimica Acta</i> , 2018, 1030, 194-201.	2.6	14
65	Intensive Exposure of Functional Rings of a Polymeric Hole-Transporting Material Enables Efficient Perovskite Solar Cells. <i>Advanced Materials</i> , 2018, 30, e1804028.	11.1	104
66	Polystyrene with a methoxytriphenylamine-conjugated-thiophene moiety side-chain as a dopant-free hole-transporting material for perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13123-13132.	5.2	29
67	Highly efficient ratiometric extracellular oxygen sensors through physical incorporation of a conjugated polymer and PtTFPP in graft copolymers. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 242-252.	4.0	18
68	Volume-expansion polymerization for UV-curable nanoimprinting. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2017, 35, .	0.6	5
69	A highly selective, colorimetric, and environment-sensitive optical potassium ion sensor. <i>Chemical Communications</i> , 2017, 53, 5602-5605.	2.2	33
70	Poly(μ -caprolactone)-containing graft copolymers for ratiometric extracellular oxygen sensing. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 108-118.	4.0	12
71	Highly enhanced sensitivity of optical oxygen sensors using microstructured PtTFPP/PDMS-pillar arrays sensing layer. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 495-502.	4.0	35
72	Platinum porphyrin/3-(trimethoxysily)propylmethacrylate functionalized flexible PDMS micropillar arrays as optical oxygen sensors. <i>New Journal of Chemistry</i> , 2017, 41, 5429-5435.	1.4	30

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73	A platform for high-throughput bioenergy production phenotype characterization in single cells. <i>Scientific Reports</i> , 2017, 7, 45399.	1.6	12
74	Ratiometric glucose sensing based on fluorescent oxygen films and glucose oxidase. <i>Sensing and Bio-Sensing Research</i> , 2017, 14, 1-6.	2.2	11
75	Simple and low-cost thiophene and benzene-conjugated triarylamines as hole-transporting materials for perovskite solar cells. <i>RSC Advances</i> , 2017, 7, 45478-45483.	1.7	17
76	A highly sensitive and fast-responding oxygen sensor based on POSS-containing hybrid copolymer films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11395-11402.	2.7	21
77	Synthesis of polypyrrole nanoparticles and their applications in electrically conductive adhesives for improving conductivity. <i>RSC Advances</i> , 2017, 7, 53219-53225.	1.7	38
78	High sensitivity and accuracy dissolved oxygen (DO) detection by using PtOEP/poly(MMA-co-TFEMA) sensing film. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 170, 242-246.	2.0	19
79	Luminescence materials for pH and oxygen sensing in microbial cells " structures, optical properties, and biological applications. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 723-738.	5.1	14
80	1,8-Naphthalimide Derivative Dyes with Large Stokes Shifts for Targeting Live Cell Mitochondria. <i>ChemBioChem</i> , 2016, 17, 1719-1724.	1.3	19
81	Ratiometric fluorescent pH-sensitive polymers for high-throughput monitoring of extracellular pH. <i>RSC Advances</i> , 2016, 6, 46134-46142.	1.7	31
82	Aminoglycoside-derived amphiphilic nanoparticles for molecular delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 924-937.	2.5	10
83	The oxindole Syk inhibitor OXSI-2 blocks nigericin-induced inflammasome signaling and pyroptosis independent of potassium efflux. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 545-550.	1.0	7
84	PtOEP/PS composite particles based on fluorescent sensor for dissolved oxygen detection. <i>Materials Letters</i> , 2016, 172, 112-115.	1.3	21
85	A Highly Selective Mitochondria-Targeting Fluorescent K ⁺ Sensor. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12053-12057.	7.2	88
86	K ⁺ regulates Ca ²⁺ to drive inflammasome signaling: dynamic visualization of ion flux in live cells. <i>Cell Death and Disease</i> , 2015, 6, e1954-e1954.	2.7	156
87	A polymer-based ratiometric intracellular glucose sensor. <i>Chemical Communications</i> , 2014, 50, 6920-6922.	2.2	26
88	Fabrication, structure and mechanism of reduced graphene oxide-based carbon composite films. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10502.	5.2	11
89	Sensitizing cancer cells to TRAIL-induced death by micellar delivery of mitoxantrone. <i>Nanomedicine</i> , 2014, 9, 1775-1788.	1.7	15
90	Dually Fluorescent Core-Shell Microgels for Ratiometric Imaging in Live Antigen-Presenting Cells. <i>PLoS ONE</i> , 2014, 9, e88185.	1.1	15

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91	A fluorescent colorimetric pH sensor and the influences of matrices on sensing performances. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1-10.	4.0	32
92	A dual sensor for real-time monitoring of glucose and oxygen. <i>Biomaterials</i> , 2013, 34, 9779-9788.	5.7	31
93	pH-dependent, thermosensitive polymeric nanocarriers for drug delivery to solid tumors. <i>Biomaterials</i> , 2013, 34, 4501-4509.	5.7	128
94	Multiple sensor arrays for single cell metabolic analysis. , 2013, , .		1
95	Method for physiologic phenotype characterization at the single-cell level in non-interacting and interacting cells. <i>Journal of Biomedical Optics</i> , 2012, 17, 037008.	1.4	19
96	Micro-patterning and characterization of PHEMA-co-PAM-based optical chemical sensors for lab-on-a-chip applications. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 817-823.	4.0	16
97	Using fluorine-containing amphiphilic random copolymers to manipulate the quantum yields of aggregation-induced emission fluorophores in aqueous solutions and the use of these polymers for fluorescent bioimaging. <i>Journal of Materials Chemistry</i> , 2012, 22, 9890.	6.7	71
98	High Throughput Micropatterning of Optical Oxygen Sensor for Single Cell Analysis. <i>IEEE Sensors Journal</i> , 2012, 12, 1668-1672.	2.4	11
99	Nanostructured Oxygen Sensor - Using Micelles to Incorporate a Hydrophobic Platinum Porphyrin. <i>PLoS ONE</i> , 2012, 7, e33390.	1.1	37
100	A series of poly[<i>N</i> -(2-hydroxypropyl)methacrylamide] copolymers with anthracene-derived fluorophores showing aggregation-induced emission properties for bioimaging. <i>Journal of Polymer Science Part A</i> , 2012, 50, 890-899.	2.5	48
101	An FRET-based ratiometric chemosensor for <i>in vitro</i> cellular fluorescence analyses of pH. <i>Biomaterials</i> , 2012, 33, 171-180.	5.7	156
102	A New Highly Selective Fluorescent K^{+} Sensor. <i>Journal of the American Chemical Society</i> , 2011, 133, 18530-18533.	6.6	147
103	New ratiometric optical oxygen and pH dual sensors with three emission colors for measuring photosynthetic activity in cyanobacteria. <i>Journal of Materials Chemistry</i> , 2011, 21, 19293.	6.7	45
104	Micelles as Delivery Vehicles for Oligofluorene for Bioimaging. <i>PLoS ONE</i> , 2011, 6, e24425.	1.1	8
105	Platinum (II) porphyrin-containing thermoresponsive poly(<i>N</i> -isopropylacrylamide) copolymer as fluorescence dual oxygen and temperature sensor. <i>Sensors and Actuators B: Chemical</i> , 2011, 159, 135-141.	4.0	29
106	Triazacryptand-based fluorescent sensors for extracellular and intracellular K^{+} sensing. <i>Biomaterials</i> , 2011, 32, 8574-8583.	5.7	54
107	Solvent-vapor annealing-induced growth, alignment, and patterning of Γ -conjugated supramolecular nanowires. <i>Journal of Materials Research</i> , 2011, 26, 311-321.	1.2	10
108	Utilization of micelles formed from poly(ethylene glycol)- <i>b</i> -poly(ϵ -caprolactone) block copolymers as nanocarriers to enable hydrophobic red two-photon absorbing emitters for cells imaging. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 1068-1079.	2.1	17

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109	Tracking bacterial infection of macrophages using a novel red-emission pH sensor. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1375-1384.	1.9	27
110	A series of naphthalimide derivatives as intra and extracellular pH sensors. <i>Biomaterials</i> , 2010, 31, 7411-7422.	5.7	106
111	Influence of matrices on oxygen sensing of three sensing films with chemically conjugated platinum porphyrin probes and preliminary application for monitoring of oxygen consumption of <i>Escherichia coli</i> (<i>E. coli</i>). <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 579-587.	4.0	48
112	Enhancement of Aggregation-Induced Emission in Dye-Encapsulating Polymeric Micelles for Bioimaging. <i>Advanced Functional Materials</i> , 2010, 20, 1413-1423.	7.8	221
113	Dually fluorescent sensing of pH and dissolved oxygen using a membrane made from polymerizable sensing monomers. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 714-722.	4.0	48
114	2,1,3-Benzothiadiazole (BTD)-moiety-containing red emitter conjugated amphiphilic poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (metha Materials, 2010, 22, 2069-2078.	6.7	30
115	Synthesis, Nanostructure, Functionality, and Application of Polyfluorene- <i>block</i> -poly(<i>N</i> -isopropylacrylamide)s. <i>Macromolecules</i> , 2010, 43, 282-291.	2.2	53
116	A New Cross-Linkable Oxygen Sensor Covalently Bonded into Poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (metha Materials, 2010, 22, 2069-2078.	3.2	99
117	Controlled Diels-Alder Reactions Used To Incorporate Highly Efficient Polyenic Chromophores into Maleimide-Containing Side-Chain Polymers for Electro-Optics. <i>Macromolecules</i> , 2009, 42, 2438-2445.	2.2	39
118	2-(2-Hydroxyphenyl)benzoxazole-Containing Two-Photon-Absorbing Chromophores as Sensors for Zinc and Hydroxide Ions. <i>Chemistry of Materials</i> , 2008, 20, 1977-1987.	3.2	96
119	Binary Chromophore Systems in Nonlinear Optical Dendrimers and Polymers for Large Electrooptic Activities. <i>Journal of Physical Chemistry C</i> , 2008, 112, 8091-8098.	1.5	121
120	Thermally Cross-Linkable Hole-Transporting Materials on Conducting Polymer: Synthesis, Characterization, and Applications for Polymer Light-Emitting Devices. <i>Chemistry of Materials</i> , 2008, 20, 413-422.	3.2	119
121	Cross-Conjugated Polymers with Large Two-Photon Absorption Cross-Sections for Metal Ion Sensing. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10673-10681.	1.5	37
122	Nanostructured Functional Block Copolymers for Electrooptic Devices. <i>Macromolecules</i> , 2007, 40, 97-104.	2.2	30
123	Two-Photon Absorbing Block Copolymer as a Nanocarrier for Porphyrin: Energy Transfer and Singlet Oxygen Generation in Micellar Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2007, 129, 7220-7221.	6.6	74
124	Large Electro-optic Activity and Enhanced Thermal Stability from Diarylamino-phenyl-Containing High- $\hat{2}$ Nonlinear Optical Chromophores. <i>Chemistry of Materials</i> , 2007, 19, 1154-1163.	3.2	164
125	Hydrophobic Chromophores in Aqueous Micellar Solution Showing Large Two-Photon Absorption Cross Sections. <i>Advanced Functional Materials</i> , 2007, 17, 1691-1697.	7.8	67
126	Improved Performance from Multilayer Quantum Dot Light-Emitting Diodes via Thermal Annealing of the Quantum Dot Layer. <i>Advanced Materials</i> , 2007, 19, 3371-3376.	11.1	130

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127	A Novel Benzoxazole-Containing Poly(N-isopropylacrylamide) Copolymer as a Multifunctional Sensing Material. <i>Macromolecular Rapid Communications</i> , 2007, 28, 894-899.	2.0	42
128	Hybrid polymer/sol-gel waveguide modulators with exceptionally large electro-optic coefficients. <i>Nature Photonics</i> , 2007, 1, 180-185.	15.6	331
129	Theoretical and Experimental Studies on the Surface Structures of Conjugated Rod-Coil Block Copolymer Brushes. <i>Langmuir</i> , 2007, 23, 2805-2814.	1.6	39
130	Diels-Alder-Click Chemistry for Highly Efficient Electrooptic Polymers. <i>Macromolecules</i> , 2006, 39, 1676-1680.	2.2	125
131	Efficient ultraviolet-blue polymer light-emitting diodes based on a fluorene-based non-conjugated polymer. <i>Applied Physics Letters</i> , 2006, 89, 081104.	1.5	25
132	Patterning of Robust Self-Assembled n-type Hexaazatrinaphthylene-Based Nanorods and Nanowires by Microcontact Printing. <i>Journal of the American Chemical Society</i> , 2006, 128, 13042-13043.	6.6	55
133	New environmentally responsive fluorescent N-isopropylacrylamide copolymer and its application to DNA sensing. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5495-5504.	2.5	43
134	Synthesis, Liquid-Crystalline Properties, and Supramolecular Nanostructures of Dendronized Poly(isocyanide)s and Their Precursors. <i>Chemistry - A European Journal</i> , 2006, 12, 584-591.	1.7	24
135	Ultralarge and Thermally Stable Electro-optic Activities from Diels-Alder Crosslinkable Polymers Containing Binary Chromophore Systems. <i>Advanced Materials</i> , 2006, 18, 3038-3042.	11.1	105
136	Synthesis and investigation of photophysical and photochemical properties of new side-group liquid crystalline polymers containing coumarin moieties. <i>Journal of Materials Chemistry</i> , 2004, 14, 3524.	6.7	22
137	Nanoscale Architectural Control and Macromolecular Engineering of Nonlinear Optical Dendrimers and Polymers for Electro-Optics. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8523-8530.	1.2	160
138	Densely grafted polyisocyanides synthesized by two types of polymerization techniques. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1871-1880.	2.5	8
139	Photocrosslinkable liquid-crystalline block copolymers with coumarin units synthesized with atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2197-2206.	2.5	36
140	Liquid crystalline cyclic tetramethyltetrasiloxanes containing coumarin moieties Electronic supplementary information (ESI) available: characterisation data; textures of CS1 and CS8; table of layer spacings. See http://www.rsc.org/suppdata/jm/b3/b302857g/ . <i>Journal of Materials Chemistry</i> , 2003, 13, 1253.	6.7	33
141	All Optically Induced $\pi(2)$ Structures and Their Optical Anisotropy in Betaine Dispersed in Polymer Matrix. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 5247-5253.	0.8	7
142	Synthesis, Nanostructures, and Functionality of Amphiphilic Liquid Crystalline Block Copolymers with Azobenzene Moieties. <i>Macromolecules</i> , 2002, 35, 3739-3747.	2.2	382
143	Liquid crystalline coumarin polymers, 1. Synthesis and properties of side-group liquid crystalline polymers with coumarin moieties. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1640-1652.	1.1	31
144	The thermal stability and molecular structural changes of a intermolecular hydrogen bonded liquid crystal compound. <i>Materials Science and Engineering C</i> , 2000, 11, 85-88.	3.8	13

#	ARTICLE	IF	CITATIONS
145	Photoinduced birefringence and reversible optical storage in liquid-crystalline azobenzene side-chain polymers. <i>Applied Physics Letters</i> , 1999, 74, 19-21.	1.5	108
146	Synthesis and investigation of photoinduced anisotropy of a series of liquid crystalline copolymers with azo groups. <i>Polymer</i> , 1999, 40, 3835-3841.	1.8	12
147	Photoinduced properties of liquid crystalline azobenzene polymer in Langmuir-Blodgett films investigated by surface plasmon resonance. <i>Thin Solid Films</i> , 1998, 327-329, 427-430.	0.8	4
148	Structure and characterization of surfactant-capped CdS nanoparticle films by the Langmuir-Blodgett technique. <i>Thin Solid Films</i> , 1998, 327-329, 559-562.	0.8	16
149	Multilayer Formation of a Series of Chiral Liquid Crystal Molecules at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 1998, 102, 8353-8356.	1.2	4
150	Synthesis of New Phasmidic Liquid Crystals Induced by Intermolecular Hydrogen Bonding between Pyridine Moieties and Carboxylic Acids. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 309, 19-27.	0.3	18
151	Characterization and Structure of Side-On Azo Copolymers in Langmuir-Blodgett Films. <i>Langmuir</i> , 1998, 14, 5231-5236.	1.6	16
152	Bilayer Formation of Two Chiral Ferroelectric Liquid Crystal Molecules at the Air-Water Interface. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 295, 97-100.	0.3	1
153	The Structural Peculiarities of a Chiral Liquid Crystal in Raman Spectra Contours. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 295, 117-120.	0.3	2
154	Temperature-dependent FTIR study of a supramolecular mesophase from the self-assembly of melamine and barbituric acid derivatives. <i>Liquid Crystals</i> , 1997, 22, 579-583.	0.9	14
155	New cholesteric liquid crystals induced by intermolecular hydrogen bonding. <i>Liquid Crystals</i> , 1997, 22, 87-96.	0.9	49
156	Structure and Photoisomerization of the Z-Type Langmuir-Blodgett Films of a New Series of Azo-Containing Chiral Copolymers. <i>Langmuir</i> , 1997, 13, 5120-5124.	1.6	16
157	Synthesis of a series of chiral copolymers with azo groups and investigations of reversible liquid crystalline alignment induced by the LB films of these materials. <i>Liquid Crystals</i> , 1997, 22, 177-183.	0.9	8
158	Temperature-dependent FTIR study on self-assembly chiral liquid crystals through intermolecular hydrogen bonding. <i>Thin Solid Films</i> , 1996, 284-285, 603-605.	0.8	13
159	Synthesis of a new series of chiral Schiff's bases and their copper complexes. <i>Liquid Crystals</i> , 1996, 20, 139-145.	0.9	12
160	Synthesis and variable-temperature FTIR study of five chiral liquid crystals induced by intermolecular hydrogen bonding. <i>Liquid Crystals</i> , 1995, 19, 743-748.	0.9	34
161	Synthesis of some chiral liquid crystals and study of the effect of intramolecular hydrogen bonding on the phase behaviour. <i>Liquid Crystals</i> , 1995, 19, 295-300.	0.9	8
162	Magnetically Reusable and Well-dispersed Nanoparticles for Oxygen Detection in Water. <i>Journal of Fluorescence</i> , 0, , .	1.3	1