

Biosensors and chemosensors based on the optical resp

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Thermally reversible polydiacetylenes derived from ethylene oxide-containing bisdiacetylenes. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 419-425.	4.0	28
3	Synthesis of chiral 2(5H)-furanone derivatives with 1,3-butadiyne structure. <i>Research on Chemical Intermediates</i> , 2013, 39, 4321-4335.	1.3	1
4	A highly sensitive and reusable cyanide anion sensor based on spiropyran functionalized polydiacetylene vesicular receptors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10713.	5.2	40
5	Turn-Off Fluorescence Detection of Apoptotic Cells Using a Zinc(II)-Dipicolylamine-Functionalized Poly(diacetylene) Liposome. <i>Chemistry - an Asian Journal</i> , 2013, 8, 755-759.	1.7	38
6	Colourimetric and fluorescent probes for the optical detection of palladium ions. <i>Chemical Society Reviews</i> , 2013, 42, 7943.	18.7	216
7	New fluorescent receptor composed of two imidazoliums, two pyrenes and a boronic acid for the recognition of DOPAC. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 611-617.	4.0	11
8	Polydiacetylene-Peptide 1D Nanomaterials. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1343-1350.	2.0	37
9	Naphthalimide trifluoroacetyl acetate: a hydrazine-selective chemodosimetric sensor. <i>Chemical Science</i> , 2013, 4, 4121.	3.7	195
10	Colorimetric and Fluorometric Detection of Neomycin Based on Conjugated Polydiacetylene Supramolecules. <i>Macromolecular Rapid Communications</i> , 2013, 34, 944-948.	2.0	32
11	Reversible Quenching of a Chromophore Luminescence by Color Transition of a Polydiacetylene. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 10836-10841.	4.0	15
12	Polydiacetylene-Based Colorimetric and Fluorescent Chemosensor for the Detection of Carbon Dioxide. <i>Journal of the American Chemical Society</i> , 2013, 135, 17751-17754.	6.6	185
13	Thermochromism and supramolecular chirality of the coumarin-substituted polydiacetylene LB films. <i>Journal of Colloid and Interface Science</i> , 2013, 400, 116-122.	5.0	46
14	A Soluble, Low-Temperature Thermochromic and Chemically Reactive Polydiacetylene. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 8805-8812.	4.0	72
15	A protective layer approach to solvatochromic sensors. <i>Nature Communications</i> , 2013, 4, 2461.	5.8	136
16	Voltage-induced chromatic phase transition in ferrocene substituted polydiacetylene thin films. <i>Chemical Communications</i> , 2013, 49, 8105.	2.2	3
17	Polydiacetylene-embedded supramolecular electrospun fibres for a colourimetric sensor of organic amine vapour. <i>RSC Advances</i> , 2013, 3, 22841.	1.7	26
18	Size-dependent intercalation of alkylamines within polydiacetylene supramolecules. <i>Supramolecular Chemistry</i> , 2013, 25, 54-59.	1.5	15
19	Self-Assembled Vesicles with Functionalized Membranes. <i>Chemistry - A European Journal</i> , 2013, 19, 438-448.	1.7	30

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20	A highly sensitive and selective fluorescent chemosensor for Pb <sup>2+</sup> ions in an aqueous solution. Dalton Transactions, 2013, 42, 3854.	1.6	38
21	Development of PDA/Phospholipids/Lysine vesicles to detect pathogenic bacteria. Sensors and Actuators B: Chemical, 2013, 188, 385-392.	4.0	20
22	Highly selective ratiometric fluorescent probe for Au <sup>3+</sup> and its application to bioimaging. Biosensors and Bioelectronics, 2013, 49, 438-441.	5.3	85
23	A quinoline-based fluorescent chemosensor for distinguishing cadmium from zinc ions using cysteine as an auxiliary reagent. Sensors and Actuators B: Chemical, 2013, 188, 1116-1122.	4.0	86
24	Colorimetric response and lipoplex formation with DNA of a high sensitive amine oxide substituted polydiacetylene. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 430, 85-90.	2.3	6
25	A Litmus-type Colorimetric and Fluorometric Volatile Organic Compound Sensor Based on Inkjet-Printed Polydiacetylenes on Paper Substrates. Macromolecular Rapid Communications, 2013, 34, 731-735.	2.0	58
26	Recent functional material based approaches to prevent and detect counterfeiting. Journal of Materials Chemistry C, 2013, 1, 2388.	2.7	338
27	Rhodamine hydrazone derivatives based selective fluorescent and colorimetric chemodosimeters for Hg <sup>2+</sup> and selective colorimetric chemosensor for Cu <sup>2+</sup> . Sensors and Actuators B: Chemical, 2013, 182, 530-537.	4.0	120
28	Fluorescent dyad for cooperative recognition of copper cation and halogen anion. Tetrahedron Letters, 2013, 54, 1877-1883.	0.7	7
29	Polydiacetylenes Bearing Boronic Acid Groups as Colorimetric and Fluorescence Sensors for Cationic Surfactants. ACS Applied Materials & Interfaces, 2013, 5, 4521-4526.	4.0	39
30	Thermochromism and Structural Change in Polydiacetylenes Including Carboxy and 4-Carboxyphenyl Groups as the Intermolecular Hydrogen Bond Linkages in the Side Chain. ACS Applied Materials & Interfaces, 2013, 5, 940-948.	4.0	74
31	Rhodamine hydrazone derivatives bearing thiophene group as fluorescent chemosensors for Hg <sup>2+</sup> . Dyes and Pigments, 2013, 99, 323-328.	2.0	76
32	A water soluble fluorescent sensor for the reversible detection of tin(IV) ion and phosphate anion. RSC Advances, 2013, 3, 8924.	1.7	54
33	Molecular Imprinting of Luminescent Vesicles. Journal of the American Chemical Society, 2013, 135, 2967-2970.	6.6	89
34	Inkjet-Compatible Single-Component Polydiacetylene Precursors for Thermochromic Paper Sensors. ACS Applied Materials & Interfaces, 2013, 5, 4527-4535.	4.0	61
35	A highly selective "turn-on" fluorescent chemosensor based on hydroxy pyrene-hydrazone derivative for Zn <sup>2+</sup> . Dyes and Pigments, 2013, 96, 176-179.	2.0	99
36	Screen-Printed Red Luminescent Copolymer Film Containing Cyclometalated Iridium(III) Complex as a High-Permeability Dissolved-Oxygen Sensor for Fermentation Bioprocess. Industrial & Engineering Chemistry Research, 2013, 52, 3980-3987.	1.8	24
37	Colorimetric and Fluorometric Assays Based on Conjugated Polydiacetylene Supramolecules for Screening Acetylcholinesterase and Its Inhibitors. ACS Applied Materials & Interfaces, 2013, 5, 3275-3280.	4.0	50

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38	Electrophoretic Deposition Polymerization of Diacetylenes with Tunable Structure. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1779-1784.	2.0	19
39	Toward Photopatternable Thin Film Optical Sensors Utilizing Reactive Polyphenylacetylenes. <i>Macromolecular Rapid Communications</i> , 2013, 34, 516-521.	2.0	23
40	Water-soluble Fluorescent Probes Based on Dendronized Polyfluorenes for Cell Imaging. <i>Macromolecular Rapid Communications</i> , 2013, 34, 539-547.	2.0	15
41	Fluorene-based conjugated polymer with tethered thymines: click postpolymerization synthesis and optical response to mercury(II). <i>Journal of Applied Polymer Science</i> , 2013, 129, 1763-1772.	1.3	10
43	Construction and Molecular Understanding of an Unprecedented, Reversibly Thermochromic Bis-Polydiacetylene. <i>Advanced Functional Materials</i> , 2014, 24, 3699-3705.	7.8	96
44	A Colorimetric Hydrocarbon Sensor Employing a Swelling-Induced Mechanochromic Polydiacetylene. <i>Advanced Functional Materials</i> , 2014, 24, 5186-5193.	7.8	131
45	An electrothermochromic paper display based on colorimetrically reversible polydiacetylenes. <i>Nanotechnology</i> , 2014, 25, 094011.	1.3	36
46	Colorimetric and fluorometric assays for acetylcholinesterase and its inhibitors screening based on a fluorescein derivate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 552-555.	1.0	22
47	Fluorescent sensibility of microarrays through functionalized adhesive polydiacetylene vesicles. <i>Sensors and Actuators A: Physical</i> , 2014, 214, 45-57.	2.0	3
48	Dual colorimetric response of polydiacetylene/Zinc oxide nanocomposites to low and high pH. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 43-51.	5.0	69
49	A Reversible Multi-Stimuli-Responsive Fluorescence Probe and the Design for Combinational Logic Gate Operations. <i>Macromolecular Rapid Communications</i> , 2014, 35, 303-308.	2.0	21
50	Hydrochromic conjugated polymers for human sweat pore mapping. <i>Nature Communications</i> , 2014, 5, 3736.	5.8	213
51	Magainin II modified polydiacetylene micelles for cancer therapy. <i>Nanoscale</i> , 2014, 6, 14772-14783.	2.8	29
52	Unprecedented colorimetric responses of polydiacetylenes driven by plasma induced polymerization and their patterning applications. <i>Chemical Communications</i> , 2014, 50, 12447-12449.	2.2	17
53	Facile preparation of polydiacetylene-based uniform porous fluorescent microspheres for potential immunoassay applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5249-5255.	2.9	17
54	Photopolymerization of Polydiacetylene in Hybrid Liposomes: Effect of Polymerization on Stability and Response to Pathogenic Bacterial Toxins. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5418-5427.	1.2	22
55	Graphene thickness-controlled photocatalysis and surface enhanced Raman scattering. <i>Nanoscale</i> , 2014, 6, 12805-12813.	2.8	41
56	Highly selective and reproducible detection of picric acid in aqueous media, based on a polydiacetylene microtube optical waveguide. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15560.	5.2	58

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57	Aggregation induced emission-based fluorescent nanoparticles: fabrication methodologies and biomedical applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4398.	2.9	309
58	Aptamer-based cell imaging reagents capable of fluorescence switching. <i>Chemical Communications</i> , 2014, 50, 12329-12332.	2.2	27
59	Sensitive naked-eye detection of Hg <sup>2+</sup> based on the aggregation and filtration of thymine functionalized vesicles caused by selective interaction between thymine and Hg <sup>2+</sup> . <i>Analyst</i> , 2014, 139, 3365-3368.	1.7	11
60	Ultrafast and reversible thermochromism of a conjugated polymer material based on the assembly of peptide amphiphiles. <i>Chemical Science</i> , 2014, 5, 4189-4195.	3.7	44
61	Influences of structural mismatch on morphology, phase transition temperature, segmental dynamics and color-transition behaviors of polydiacetylene vesicles. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 176-181.	5.0	28
62	Self-immolative trigger-initiated polydiacetylene probe for $\beta$ -glucuronidase activity. <i>RSC Advances</i> , 2014, 4, 16820-16823.	1.7	15
63	Optically Pure, Monodisperse <i>cis</i> -Oligodiacetylenes: Aggregation-Induced Chirality Enhancement. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 310-314.	7.2	6
64	Dynamic Covalent Chemistry Approaches Toward Macrocycles, Molecular Cages, and Polymers. <i>Accounts of Chemical Research</i> , 2014, 47, 1575-1586.	7.6	406
65	Colorimetric polydiacetylene for plasma diagnostics. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 130-134.	4.0	6
66	A highly sensitive and selective ratiometric fluorescent sensor for Zn <sup>2+</sup> ion based on ICT and FRET. <i>Dyes and Pigments</i> , 2014, 102, 301-307.	2.0	68
67	Polydiacetylene-Enclosed Near-Infrared Fluorescent Semiconducting Polymer Dots for Bioimaging and Sensing. <i>Analytical Chemistry</i> , 2014, 86, 4831-4839.	3.2	92
68	An aggregation-induced emission based "turn-on" fluorescent chemodosimeter for the selective detection of Pb <sup>2+</sup> ions. <i>RSC Advances</i> , 2014, 4, 47076-47080.	1.7	41
69	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18304-18312.	5.2	58
70	Diketopyrrolopyrrole-based fluorescent conjugated polymer for application of sensing fluoride ion and bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 13-19.	4.0	37
71	Polydiacetylene vesicles for hydrogen peroxide detection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 488-491.	2.3	28
72	Stability of hydrogen bonds upon polymerization and color transition of diacetylenes: An FTIR spectroscopy study. <i>Vibrational Spectroscopy</i> , 2014, 70, 89-99.	1.2	5
74	Cascade sensitive and selective fluorescence OFF-ON-OFF sensor for Cr <sup>3+</sup> cation and F <sup>-</sup> anion. <i>Sensors and Actuators B: Chemical</i> , 2014, 200, 191-197.	4.0	40
75	Bio-inspired detoxification using 3D-printed hydrogel nanocomposites. <i>Nature Communications</i> , 2014, 5, 3774.	5.8	271

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76	Colorimetric sensing properties of catechol-functional polymerized vesicles in aqueous solution and at solid surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 242-254.	2.3	11
78	Synthesis and Solid-State Polymerization of Diacetylene Derivatives with an <i>N</i> -Carbazolylphenyl Group. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 843-849.	2.0	7
80	Polymerization Temperature-Dependent Thermochromism of Polydiacetylene. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1949-1950.	1.0	8
81	Voltammetric Simultaneous Determination of Cu <sup>2+</sup> , Cd <sup>2+</sup> and Pb <sup>2+</sup> in Full Aqueous Medium Using Organic Nanoparticles of Disulfide Based Receptor. <i>Electroanalysis</i> , 2015, 27, 2544-2551.	1.5	13
82	Ionic Liquid-Based Optical and Electrochemical Carbon Dioxide Sensors. <i>Sensors</i> , 2015, 15, 30487-30503.	2.1	65
84	A polymerizable supramolecular approach for the fabrication of patterned magnetic nanoparticles. <i>Chemical Communications</i> , 2015, 51, 10734-10737.	2.2	2
85	Self-Assembly of Cationic Dipeptides Forming Rectangular Microtubes and Microrods with Optical Waveguiding Properties. <i>Advanced Optical Materials</i> , 2015, 3, 194-198.	3.6	34
86	Recent Progress on the Development of Chemosensors for Gases. <i>Chemical Reviews</i> , 2015, 115, 7944-8000.	23.0	661
87	Development of fluorescent lead II sensor based on an anthracene derived chalcone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 144, 23-28.	2.0	44
88	High color stability and reversible thermochromism of polydiacetylene/zinc oxide nanocomposite in various organic solvents and polymer matrices. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 252-261.	2.3	39
89	A thermally reversible supramolecular system based on biphenyl polydiacetylene. <i>Chinese Chemical Letters</i> , 2015, 26, 1133-1136.	4.8	16
90	Sensing cell adhesion using polydiacetylene-containing peptide amphiphile fibres. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2954-2961.	2.9	10
91	Constitution of a visual detection system for lead(II) on polydiacetylene-glycine embedded nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9722-9730.	5.2	39
92	A polydiacetylene-based fluorescence assay for the measurement of lipid membrane affinity. <i>RSC Advances</i> , 2015, 5, 66420-66425.	1.7	16
93	A polynuclear hetero atom containing molecular organic scaffold to detect Al <sup>3+</sup> ion through a fluorescence turn-on response. <i>RSC Advances</i> , 2015, 5, 61513-61520.	1.7	13
94	Polydiacetylene-Embedded Microbeads for Colorimetric and Volumetric Sensing of Hydrocarbons. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 8339-8343.	4.0	24
95	Development of new azobenzothiazole polyene based dipolar molecule receptor as arginine selective optical biosensor. <i>Materials Technology</i> , 2015, 30, B182-B189.	1.5	5
96	Amine functionalized tetraphenylethylene: a novel aggregation-induced emission based fluorescent chemodosimeter for nitrite and nitrate ions. <i>RSC Advances</i> , 2015, 5, 31479-31484.	1.7	40

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97	Fine tuning the color-transition temperature of thermoreversible polydiacetylene/zinc oxide nanocomposites: The effect of photopolymerization time. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 105-111.	5.0	47
98	Dual Colorimetric and Fluorescent Sensor Based On Semiconducting Polymer Dots for Ratiometric Detection of Lead Ions in Living Cells. <i>Analytical Chemistry</i> , 2015, 87, 4765-4771.	3.2	128
99	The influence of amino acid sequence on structure and morphology of polydiacetylene containing peptide fibres. <i>Soft Matter</i> , 2015, 11, 1335-1344.	1.2	14
100	Polydiacetylene-based sensor for highly sensitive and selective Pb <sup>2+</sup> detection. <i>Dyes and Pigments</i> , 2015, 120, 307-313.	2.0	69
101	Highly sensitive turn-on biosensors by regulating fluorescent dye assembly on liposome surfaces. <i>Chemical Communications</i> , 2015, 51, 10229-10232.	2.2	18
102	Bioimaging application of a novel anion selective chemosensor derived from vitamin B6 cofactor. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 37-42.	1.7	25
103	A highly selective and sensitive ratiometric fluorescent probe for pH measurement based on fluorescence resonance energy transfer. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 724-729.	1.3	7
104	Fluorescence Turn-on Chemosensor for the Detection of Dissolved CO <sub>2</sub> Based on Ion-Induced Aggregation of Tetraphenylethylene Derivative. <i>Analytical Chemistry</i> , 2015, 87, 10871-10877.	3.2	50
105	Stereoselective Iterative Convergent Synthesis of <i>Z</i> -Oligodiacetylenes from Propargylic Dithioacetals. <i>Journal of Organic Chemistry</i> , 2015, 80, 8772-8781.	1.7	2
106	Polymerization of mixed Langmuir monolayers based on 10,12-pentacosadiynoic compounds. <i>Colloid Journal</i> , 2015, 77, 438-445.	0.5	3
107	Polydiacetylene liposome-encapsulated alginate hydrogel beads for Pb <sup>2+</sup> detection with enhanced sensitivity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21690-21698.	5.2	58
108	Patterned polydiacetylene-embedded polystyrene nanofibers based on electrohydrodynamic jet printing. <i>Macromolecular Research</i> , 2015, 23, 118-123.	1.0	29
109	Application of PCDA/SPH/CHO/Lysine vesicles to detect pathogenic bacteria in chicken. <i>Food Chemistry</i> , 2015, 172, 428-432.	4.2	23
110	Self-suspended Pure Polydiacetylene Nanoparticles with Selective Response to Lysine and Arginine. <i>Chinese Journal of Chemical Physics</i> , 2016, 29, 749-753.	0.6	2
111	Multifunctional Nanoparticles Self-Assembled from Small Organic Building Blocks for Biomedicine. <i>Advanced Materials</i> , 2016, 28, 7304-7339.	11.1	155
112	A Tetrahydrofuran-selective Optical Solvent Sensor Based on Solvatochromic Polydiacetylene. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 793-794.	1.0	13
113	Patterning of Soft Matter across Multiple Length Scales. <i>Advanced Functional Materials</i> , 2016, 26, 2609-2616.	7.8	25
114	Artificial Photocatalytic System Using Polydiacetylene-( $\lambda^6$ NH-phen)Ru(bpy) <sub>2</sub> for Cofactor Regeneration and CO <sub>2</sub> Reduction. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28407-28414.	1.5	15



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115	Selective and sensitive detection of MiRNA-21 based on gold-nanorod functionalized polydiacetylene microtube waveguide. <i>Biosensors and Bioelectronics</i> , 2016, 85, 198-204.	5.3	40
116	Nanoscale diameter control of sensory polydiacetylene nanoparticles on microfluidic chip for enhanced fluorescence signal. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 623-629.	4.0	19
117	Flexible and stretchable chromatic fibers with high sensing reversibility. <i>Chemical Science</i> , 2016, 7, 5113-5117.	3.7	40
118	Light-Induced Conductivity in a Solution-Processed Film of Polydiacetylene and Perylene Diimide. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1628-1631.	2.1	20
119	Hydrochromic Approaches to Mapping Human Sweat Pores. <i>Accounts of Chemical Research</i> , 2016, 49, 1211-1222.	7.6	84
120	Creation of functional polydiacetylene images on paper using inkjet printing technology. <i>Macromolecular Research</i> , 2016, 24, 943-950.	1.0	14
121	Fluorescent and Colorimetric Chemosensors for Anions, Metal Ions, Reactive Oxygen Species, Biotiols, and Gases. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1661-1678.	1.0	21
122	Fabrication of Polydiacetylene Liposome Chemosensor with Enhanced Fluorescent Self-Amplification and Its Application for Selective Detection of Cationic Surfactants. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28231-28240.	4.0	42
123	A Free-Standing Self-Assembled Tubular Conjugated Polymer Sensor. <i>Macromolecules</i> , 2016, 49, 5841-5848.	2.2	15
124	SEC-DAD - Effective Method for the Characterization of $\beta$ -Conjugated Polymers. <i>Materials Science Forum</i> , 2016, 851, 167-172.	0.3	3
125	The red, purple and blue modifications of polymeric unsymmetrical hydroxyalkadiynyl-N-arylcarbamate derivatives in Langmuir-Schaefer films. <i>Thin Solid Films</i> , 2016, 612, 463-471.	0.8	8
126	Electronic relaxation dynamics of PCDA-PDA studied by transient absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23096-23104.	1.3	13
127	Synthesis and Properties of Novel Optically Active Platinum-containing Poly(phenyleneethynylene)s. <i>Chemistry Letters</i> , 2016, 45, 937-939.	0.7	12
128	Synthesis and characterization of curcumin-incorporated glycopolymers with enhanced water solubility and reduced cytotoxicity. <i>Macromolecular Research</i> , 2016, 24, 655-662.	1.0	3
129	Excitonic linewidth of organic quantum wires generated in reduced dimensionality matrices. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12928-12937.	1.3	3
130	Photoinduced reversible phase transition of azobenzene-containing polydiacetylene crystals. <i>Chemical Communications</i> , 2016, 52, 14059-14062.	2.2	24
131	Fluorometric Measurement of Individual Stomata Activity and Transpiration via a "Brush-on" Water-Responsive Polymer. <i>Scientific Reports</i> , 2016, 6, 32394.	1.6	8
132	Colorimetric analysis of painting materials using polymer-supported polydiacetylene films. <i>New Journal of Chemistry</i> , 2016, 40, 9054-9059.	1.4	15



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133	A side-chain crosslinking approach for the fabrication of conjugated polymer patterns. <i>Macromolecular Research</i> , 2016, 24, 1126-1129.	1.0	0
134	Multicolor Reversible Thermochromic Properties of Gallic Acid-Cored Polydiacetylenes Appended with Poly(alkyl aryl ether) Dendrons. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 940-950.	1.1	12
135	Recent progress in stimuli-induced polydiacetylenes for sensing temperature, chemical and biological targets. <i>Chemical Communications</i> , 2016, 52, 9178-9196.	2.2	145
136	Directed peptide amphiphile assembly using aqueous liquid crystal templates in magnetic fields. <i>Soft Matter</i> , 2016, 12, 6518-6525.	1.2	11
137	Selective Metal-Ion-Mediated Vesicle Adhesion Based on Dynamic Self-Organization of a Pyrene-Appended Glutamic Acid. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17676-17684.	4.0	16
138	Green synthesis of a benzothiazole based "turn-on" type fluorimetric probe and its use for the selective detection of thiophenols in environmental samples and living cells. <i>RSC Advances</i> , 2016, 6, 52790-52797.	1.7	25
139	Directing Soft Matter in Water Using Electric Fields. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16303-16309.	4.0	7
140	Functional Nanoparticles Activate a Decellularized Liver Scaffold for Blood Detoxification. <i>Small</i> , 2016, 12, 2067-2076.	5.2	15
141	A highly sensitive reversible fluorescent-colorimetric azino bis-Schiff base sensor for rapid detection of Pb <sup>2+</sup> in aqueous media. <i>Analytical Methods</i> , 2016, 8, 2032-2040.	1.3	36
142	A novel water-soluble fluorescent polymer based on perylene bisimides dyes: one-pot preparation and its bio-imaging. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 455-471.	1.9	9
143	Electrochemiluminescence performance of nitroolefin-based fluorescein in different solutions and its application for the detection of cysteine. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 226-231.	4.0	18
144	Low Temperature Thermochromic Polydiacetylenes: Design, Colorimetric Properties, and Nanofiber Formation. <i>Macromolecules</i> , 2016, 49, 1270-1278.	2.2	76
145	Litmus-type thermochromic and solvatochromic sensors prepared with Î±-synuclein amyloid fibrils and polydiacetylene. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 313-319.	4.0	14
146	Reversible Chromatic Response of Polydiacetylene Derivative Vesicles in D <sub>2</sub> O Solvent. <i>Langmuir</i> , 2016, 32, 882-888.	1.6	33
147	A Magnetically Responsive Polydiacetylene Precursor for Latent Fingerprint Analysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6245-6251.	4.0	48
148	A review on electronic bio-sensing approaches based on non-antibody recognition elements. <i>Analyst</i> , 2016, 141, 2335-2346.	1.7	35
149	Embedding luminescent iridium complex into polydiacetylene vesicles as a means of development of responsive luminescent system for imaging applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 497, 362-369.	2.3	6
150	Microenvironment-Sensitive Fluorescent Dyes for Recognition of Serum Albumin in Urine and Imaging in Living Cells. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 527-533.	1.8	61

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151	Synthesis of platinum-containing poly(phenyleneethynylene)s having various chromophores: aggregation and optical properties. <i>Polymer Chemistry</i> , 2016, 7, 1070-1078.	1.9	21
152	Origin of the Reversible Thermochromic Properties of Polydiacetylenes Revealed by Ultrafast Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 259-265.	2.1	20
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