

Libing Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194
papers

8,701
citations

45
h-index

89
g-index

205
ext. papers

10,057
ext. citations

10.4
avg, IF

6.39
L-index

#	Paper	IF	Citations
194	Sensitive Detection and Conjoint Analysis of Promoter Methylation by Conjugated Polymers for Differential Diagnosis and Prognosis of Glioma. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9291-9299	9.9	6
193	3D Bioprinting of Reinforced Vessels by Dual-Cross-linked Biocompatible Hydrogels.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4549-4556	4.1	2
192	Oral delivery of antioxidant enzymes for effective treatment of inflammatory disease. <i>Biomaterials</i> , 2021 , 271, 120753	15.6	9
191	3D Bioprinting of Polythiophene Materials for Promoting Stem Cell Proliferation in a Nutritionally Deficient Environment. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 25759-25770	9.5	1
190	Near-Infrared-Light Remote-Controlled Activation of Cancer Immunotherapy Using Photothermal Conjugated Polymer Nanoparticles. <i>Advanced Materials</i> , 2021 , 33, e2102570	24	15
189	Photocontrolled RAFT Polymerization Catalyzed by Conjugated Polymers under Aerobic Aqueous Conditions.. <i>ACS Macro Letters</i> , 2021 , 10, 996-1001	6.6	3
188	Oligo(p-phenylenevinylene)-rhodium complex as intracellular catalyst for enhancing biosynthesis of polyhydroxybutyrate biomaterials. <i>Science China Chemistry</i> , 2021 , 64, 143-150	7.9	0
187	Fluorescence Imaging of Mammalian Cells with Cationic Conjugated Polyelectrolytes. <i>ChemPhotoChem</i> , 2021 , 5, 123-130	3.3	1
186	Removal of phenolic contaminants from water by in situ coated surfactant on Keggin-aluminum nanocluster and biodegradation. <i>Chemosphere</i> , 2021 , 269, 128692	8.4	12
185	Design and application of metal-organic frameworks and derivatives as heterogeneous Fenton-like catalysts for organic wastewater treatment: A review. <i>Environment International</i> , 2021 , 146, 106273	12.9	46
184	Photoactive Conjugated Polymer-Based Hybrid Biosystems for Enhancing Cyanobacterial Photosynthesis and Regulating Redox State of Protein. <i>Advanced Functional Materials</i> , 2021 , 31, 2007814	15.6	10
183	In Situ Synthesis of Photoactive Polymers on a Living Cell Surface via Bio-Palladium Catalysis for Modulating Biological Functions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5759-5765	16.4	20
182	In Situ Synthesis of Photoactive Polymers on a Living Cell Surface via Bio-Palladium Catalysis for Modulating Biological Functions. <i>Angewandte Chemie</i> , 2021 , 133, 5823-5829	3.6	5
181	Polymer nanoparticles regulate macrophage repolarization for antitumor treatment. <i>Chemical Communications</i> , 2021 , 57, 6919-6922	5.8	4
180	Photoactive conjugated polymer/graphdiyne nanocatalyst for CO ₂ reduction to CO in living cells for hypoxia tumor treatment. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5841-5845	7.8	5
179	Living Bacteria-Mediated Aerobic Photoinduced Radical Polymerization for in Situ Bacterial Encapsulation and Differentiation. <i>CCS Chemistry</i> , 2021 , 3, 1296-1305	7.2	10
178	Supramolecular Regulation of Catalytic Activity for an Amphiphilic Pyrene-Ruthenium Complex in Water. <i>Chemistry - A European Journal</i> , 2021 , 27, 11567-11573	4.8	0

177	Pre-aggregation of Al in optimizing coagulation for removal of humic acid. <i>Chemosphere</i> , 2021 , 277, 130268	11.7	10
176	Intracellular Radical Polymerization of Paclitaxel-Bearing Acrylamide for Self-Inflicted Apoptosis of Cancer Cells 2021 , 3, 1307-1314		6
175	Clickable amino acid derivative tuned self-assembly of antigen and adjuvant for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2021 , 337, 306-316	11.7	0
174	Deprotonation and aggregation of Al under alkaline titration: A simulating study related to coagulation process. <i>Water Research</i> , 2021 , 203, 117562	12.5	2
173	Formation of Al aggregates and its correlation to the coagulation effect. <i>Chemosphere</i> , 2021 , 278, 1304934	11.7	3
172	3D printing of artificial skin patches with bioactive and optically active polymer materials for anti-infection and augmenting wound repair. <i>Materials Horizons</i> , 2021 ,	14.4	7
171	Biohybrid Conjugated Polymer Materials for Augmenting Energy Conversion of Bioelectrochemical Systems. <i>Chemistry - A European Journal</i> , 2020 , 26, 15065-15073	4.8	2
170	Wireless Charging Electrochemiluminescence System for Ionic Channel Manipulation in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24655-24661	9.5	2
169	Cyclometalated iridium(iii) complex nanoparticles for mitochondria-targeted photodynamic therapy. <i>Nanoscale</i> , 2020 , 12, 14061-14067	7.7	15
168	Conjugated Polymer Nanomaterials for Phototherapy of Cancer. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 237-242	2.2	17
167	In situ self-assembly of conjugated polyelectrolytes for cancer targeted imaging and photodynamic therapy. <i>Biomaterials Science</i> , 2020 , 8, 2156-2163	7.4	16
166	Solar-Powered Organic Semiconductor-Bacteria Biohybrids for CO ₂ Reduction into Acetic Acid. <i>Angewandte Chemie</i> , 2020 , 132, 7291-7296	3.6	4
165	Solar-Powered Organic Semiconductor-Bacteria Biohybrids for CO Reduction into Acetic Acid. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7224-7229	16.4	42
164	Fluorescent and Biocompatible Ruthenium-Coordinated Oligo(p-phenylenevinylene) Nanocatalysts for Transfer Hydrogenation in the Mitochondria of Living Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 4489-4495	4.8	6
163	Integration of Self-Luminescence and Oxygen Self-Supply: A Potential Photodynamic Therapy Strategy for Deep Tumor Treatment. <i>ChemPlusChem</i> , 2020 , 85, 510-518	2.8	9
162	Conjoint Analysis of DNA Methylation for Tumor Differentiation Using Cationic Conjugated Polymers.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2867-2872	4.1	1
161	Cationic conjugated polymers for enhancing beneficial bacteria adhesion and biofilm formation in gut microbiota. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 188, 110815	6	5
160	Förster Resonance Energy Transfer Mediated Rapid and Synergistic Discrimination of Bacteria over Fungi Using a Cationic Conjugated Glycopolymers.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 20-28	4.1	8

159	Conjugated polymer nanoparticles as fluorescence switch for selective cell imaging. <i>Chinese Chemical Letters</i> , 2020 , 31, 755-758	8.1	3
158	Photoactive Oligo(-phenylene vinylene) Material for Functional Regulation of Induced Pluripotent Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 3438-3444	9.5	
157	Bacteriorhodopsin-Based Biophotovoltaic Devices Driven by Chemiluminescence as Endogenous Light Source. <i>Advanced Optical Materials</i> , 2020 , 8, 1901551	8.1	5
156	Supramolecular Nanofibers for Encapsulation and In Situ Differentiation of Neural Stem Cells. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901295	10.1	7
155	Conjugated Polymer-Quantum Dot Hybrid Materials for Pathogen Discrimination and Disinfection. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21263-21269	9.5	21
154	Blood-brain-barrier penetrable thiolated paclitaxel-oligo (p-phenylene vinylene) nanomedicine with increased drug efficiency for glioblastoma treatment. <i>Nano Today</i> , 2020 , 35, 100969	17.9	5
153	Optical Tuning of Antibacterial Activity of Photoresponsive Antibiotics.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4751-4755	4.1	3
152	Development of A Thermo-Responsive Conjugated Polymer with Photobleaching-Resistance Property and Tunable Photosensitizing Performance. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000249	4.8	4
151	Artificial regulation of state transition for augmenting plant photosynthesis using synthetic light-harvesting polymer materials. <i>Science Advances</i> , 2020 , 6, eabc5237	14.3	24
150	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
149	Crystallization of aluminum polycation sulfates: transformation of tetrahedral crystals into block crystals in aqueous solutions. <i>CrystEngComm</i> , 2019 , 21, 202-206	3.3	2
148	Reactive Conjugated Polymers for the Modulation of Islet Amyloid Polypeptide Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22973-22978	9.5	15
147	Conductive PolymerExoelectrogen Hybrid Bioelectrode with Improved Biofilm Formation and Extracellular Electron Transport. <i>Advanced Electronic Materials</i> , 2019 , 5, 1900320	6.4	14
146	Luminescent, Oxygen-Supplying, Hemoglobin-Linked Conjugated Polymer Nanoparticles for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10660-10665	16.4	116
145	Design of an Amphiphilic Perylene Diimide for Optical Recognition of Anticancer Drug through a Chirality-Induced Helical Structure. <i>Chemistry - A European Journal</i> , 2019 , 25, 9834-9839	4.8	4
144	Luminescent, Oxygen-Supplying, Hemoglobin-Linked Conjugated Polymer Nanoparticles for Photodynamic Therapy. <i>Angewandte Chemie</i> , 2019 , 131, 10770-10775	3.6	31
143	Optimized coagulation pathway of Al: Effect of in-situ Aggregation of Al. <i>Chemosphere</i> , 2019 , 230, 76-838.4		14
142	Reactive Amphiphilic Conjugated Polymers for Inhibiting Amyloid \square Assembly. <i>Angewandte Chemie</i> , 2019 , 131, 6049-6054	3.6	10

141	Boronic Acid-Functionalized Conjugated Polymer for Controllable Cell Membrane Imaging.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1787-1791	4.1	7
140	Designing an Amino-Fullerene Derivative C-(EDA) to Fight Superbacteria. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14597-14607	9.5	23
139	An Optoelectronic Device for Rapid Monitoring of Creatine Kinase Using Cationic Conjugated Polyelectrolyte. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900361	6.8	4
138	Water-Soluble Conjugated Organic Molecules as Optical and Electrochemical Materials for Interdisciplinary Biological Applications. <i>Accounts of Chemical Research</i> , 2019 , 52, 3211-3222	24.3	56
137	Conjugated Polymer Enhanced Photoelectric Response of Self-Circulating Photosynthetic Bioelectrochemical Cell. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 38993-39000	9.5	12
136	Quantum Dots for Monitoring Choline Consumption Process of Living Cells via an Electrostatic Force-Mediated Energy Transfer.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 5528-5534	4.1	3
135	Conjugated Polymer Nanogel Binding Anticancer Drug through Hydrogen Bonds for Sustainable Drug Delivery.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 6012-6020	4.1	14
134	Reactive Amphiphilic Conjugated Polymers for Inhibiting Amyloid β Assembly. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5988-5993	16.4	38
133	Application of Cationic Conjugated Polymer Outer Membrane Vesicle Complexes in Inhibiting Red Blood Cell Aggregation. <i>Organic Materials</i> , 2019 , 01, 038-042	1.9	1
132	Optically-controlled supramolecular self-assembly of an antibiotic for antibacterial regulation. <i>Chemical Communications</i> , 2019 , 55, 14466-14469	5.8	7
131	Antimicrobial activity of a conjugated polymer with cationic backbone. <i>Dyes and Pigments</i> , 2019 , 160, 519-523	4.6	27
130	Conducting Polymers Thylakoid Hybrid Materials for Water Oxidation and Photoelectric Conversion. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800789	6.4	24
129	Efficient purification of Al by organic complexation method. <i>Journal of Environmental Sciences</i> , 2019 , 80, 240-247	6.4	5
128	Supramolecular Strategy Based on Conjugated Polymers for Discrimination of Virus and Pathogens. <i>Biomacromolecules</i> , 2018 , 19, 2117-2122	6.9	23
127	Conjugated Polymer-Based Photoelectrochemical Cytosensor with Turn-On Enable Signal for Sensitive Cell Detection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6618-6623	9.5	42
126	Cross-Linking of Thiolated Paclitaxel-Oligo(p-phenylene vinylene) Conjugates Aggregates inside Tumor Cells Leads to "Chemical Locks" That Increase Drug Efficacy. <i>Advanced Materials</i> , 2018 , 30, 1704888	24	42
125	Electrochemiluminescence for Electric-Driven Antibacterial Therapeutics. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2284-2291	16.4	112
124	Soft Particles of Gemini Surfactant/Conjugated Polymer for Enhanced Anticancer Activity of Chemotherapeutics. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 37-41	9.5	17

123	Photothermal-Responsive Conjugated Polymer Nanoparticles for Remote Control of Gene Expression in Living Cells. <i>Advanced Materials</i> , 2018 , 30, 1705418	24	90
122	Strategies to design conjugated polymer based materials for biological sensing and imaging. <i>Coordination Chemistry Reviews</i> , 2018 , 354, 135-154	23.2	65
121	Oligo(-phenylenevinylene) Derivative-Incorporated and Enzyme-Responsive Hybrid Hydrogel for Tumor Cell-Specific Imaging and Activatable Photodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2037-2045	5.5	14
120	Conjugated Polymer Materials for Photothermal Therapy. <i>Advanced Therapeutics</i> , 2018 , 1, 1800057	4.9	35
119	Photoelectrochemical Strategy for Discrimination of Microbial Pathogens Using Conjugated Polymers. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3469-3473	4.5	6
118	Photoactive Oligo(p-phenylenevinylene) Functionalized with Phospholipid Units for Control and Visualization of Delivery into Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27555-27561	9.5	11
117	Design and Synthesis of Reactive Perylene Tetracarboxylic Diimide Derivatives for Rapid Cell Imaging. <i>ACS Omega</i> , 2018 , 3, 8691-8696	3.9	8
116	Conjugated Polymer Nanoparticles with Appended Photo-Responsive Units for Controlled Drug Delivery, Release, and Imaging. <i>Angewandte Chemie</i> , 2018 , 130, 13298-13303	3.6	7
115	Conjugated Polymer Nanoparticles with Appended Photo-Responsive Units for Controlled Drug Delivery, Release, and Imaging. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13114-13119	16.4	79
114	Oligo(p-phenyleneethynylene) Derivatives for Mitochondria Targeting in Living Cells through Bioorthogonal Reactions. <i>Chemistry of Materials</i> , 2018 , 30, 5544-5549	9.6	4
113	Design of antibacterial peptide-like conjugated molecule with broad spectrum antimicrobial ability. <i>Science China Chemistry</i> , 2018 , 61, 113-117	7.9	16
112	Self-Assembled Nanomedicines for Anticancer and Antibacterial Applications. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800670	10.1	45
111	Photothermal-Responsive Conjugated Polymer Nanoparticles for the Rapid and Effective Killing of Bacteria. <i>ACS Applied Bio Materials</i> , 2018 , 1, 27-32	4.1	38
110	Enhanced Photothermal Bactericidal Activity of the Reduced Graphene Oxide Modified by Cationic Water-Soluble Conjugated Polymer. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5382-5391	9.5	60
109	Supramolecular Conjugated Polymer Systems with Controlled Antibacterial Activity. <i>Langmuir</i> , 2017 , 33, 1116-1120	4	37
108	pH-Responsive Peptide Supramolecular Hydrogels with Antibacterial Activity. <i>Langmuir</i> , 2017 , 33, 3234-3240	4	64
107	Supramolecular conjugated polymer materials for organelle imaging in living cells. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1768-1772	7.8	7
106	Biofilm Inhibition and Elimination Regulated by Cationic Conjugated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16933-16938	9.5	53

105	Conjugated Polyelectrolyte-Silver Nanostructure Pair for Detection and Killing of Bacteria. <i>Advanced Materials Technologies</i> , 2017 , 2, 1700033	6.8	31
104	Conjugated Polymer Nanoparticles to Augment Photosynthesis of Chloroplasts. <i>Angewandte Chemie</i> , 2017 , 129, 5392-5395	3.6	30
103	Conjugated Polymer Nanoparticles to Augment Photosynthesis of Chloroplasts. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5308-5311	16.4	86
102	Pyridinium-Substituted Tetraphenylethylene-Containing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1013-1019	4.5	27
101	Efficient Conjugated Polymer-Methyl Viologen Electron Transfer System for Controlled Photo-Driven Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10355-10359	9.5	44
100	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. <i>Angewandte Chemie</i> , 2017 , 129, 13640-13643	3.6	10
99	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13455-13458	16.4	54
98	Tuning Antibacterial Activity of Cyclodextrin-Attached Cationic Ammonium Surfactants by a Supramolecular Approach. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 31657-31666	9.5	16
97	Supramolecular Germicide Switches through Host-Guest Interactions for Decelerating Emergence of Drug-Resistant Pathogens. <i>ChemistrySelect</i> , 2017 , 2, 7940-7945	1.8	11
96	Selective biocompatibility and responsive imaging property of cationic conjugated polyelectrolyte to cancer cells. <i>Chinese Chemical Letters</i> , 2017 , 28, 1975-1978	8.1	2
95	Polythiophene-Peptide Biohybrid Assemblies for Enhancing Photoinduced Hydrogen Evolution. <i>Advanced Electronic Materials</i> , 2017 , 3, 1700161	6.4	15
94	Polarity Conversion of Conjugated Polymer for Lysosome Escaping. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27427-27432	9.5	7
93	Preparation of Gemini Surfactant/Conjugated Polymer Aggregates for Enhanced Fluorescence and Bioimaging Application. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 23544-23554	9.5	20
92	Graphdiyne Materials as Nanotransducer for in Vivo Photoacoustic Imaging and Photothermal Therapy of Tumor. <i>Chemistry of Materials</i> , 2017 , 29, 6087-6094	9.6	115
91	Cationic conjugated polymers for detection and inactivation of pathogens. <i>Science China Chemistry</i> , 2017 , 60, 1567-1574	7.9	16
90	Supramolecular Conjugated Polymer Materials for in Situ Pathogen Detection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 31550-31557	9.5	60
89	Fluorescence Visual Detection of Herbal Product Substitutions at Terminal Herbal Markets by CCP-based FRET technique. <i>Scientific Reports</i> , 2016 , 6, 35540	4.9	4
88	Near-Infrared (NIR)-Absorbing Conjugated Polymer Dots as Highly Effective Photothermal Materials for In Vivo Cancer Therapy. <i>Chemistry of Materials</i> , 2016 , 28, 8669-8675	9.6	169

87	Recent Advances in Conjugated Polymer Materials for Disease Diagnosis. <i>Small</i> , 2016 , 12, 696-705	11	60
86	Selective Antimicrobial Activities and Action Mechanism of Micelles Self-Assembled by Cationic Oligomeric Surfactants. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4242-9	9.5	117
85	Cationic Conjugated Polymers-Induced Quorum Sensing of Bacteria Cells. <i>Analytical Chemistry</i> , 2016 , 88, 2985-8	7.8	35
84	Preparation of Conjugated Polymer Grafted with H ₂ O ₂ -Sensitive Prodrug for Cell Imaging and Tumor Cell Killing. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 42-6	9.5	45
83	Cationic Poly(p-phenylene vinylene) Materials as a Multifunctional Platform for Light-Enhanced siRNA Delivery. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2686-2689	4.5	15
82	Supramolecular Antibiotic Switches: A Potential Strategy for Combating Drug Resistance. <i>Chemistry - A European Journal</i> , 2016 , 22, 11114-21	4.8	50
81	Preparation of Reactive Oligo(p-Phenylene Vinylene) Materials for Spatial Profiling of the Chemical Reactivity of Intracellular Compartments. <i>Advanced Materials</i> , 2016 , 28, 3749-54	24	13
80	Synthesis of a new cationic non-conjugated polymer for discrimination of microbial pathogens. <i>Polymer Chemistry</i> , 2016 , 7, 6699-6702	4.9	10
79	Multifunctional assembly of micrometer-sized colloids for cell sorting. <i>Small</i> , 2015 , 11, 2555-63	11	11
78	Fluorescence Ratiometric Assay Strategy for Chemical Transmitter of Living Cells Using H ₂ O ₂ -Sensitive Conjugated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24110-8	9.5	30
77	Protein Detection: An Optical Nanoruler Based on a Conjugated Polymer-Silver Nanoprism Pair for Label-Free Protein Detection (Adv. Mater. 39/2015). <i>Advanced Materials</i> , 2015 , 27, 6039-6039	24	2
76	ROS self-scavenging polythiophene materials for cell imaging. <i>Polymer Chemistry</i> , 2015 , 6, 8244-8247	4.9	7
75	Synthesis of a Novel Quinoline Skeleton Introduced Cationic Polyfluorene Derivative for Multimodal Antimicrobial Application. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25390-5	9.5	20
74	Homogeneous fluorescent specific PCR for the authentication of medicinal snakes using cationic conjugated polymers. <i>Scientific Reports</i> , 2015 , 5, 16260	4.9	6
73	An optical nanoruler based on a conjugated polymer-silver nanoprism pair for label-free protein detection. <i>Advanced Materials</i> , 2015 , 27, 6040-5	24	76
72	A Supramolecular Antibiotic Switch for Antibacterial Regulation. <i>Angewandte Chemie</i> , 2015 , 127, 13406-13411	11	28
71	A Supramolecular Antibiotic Switch for Antibacterial Regulation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13208-13	16.4	211
70	A glucose-powered antimicrobial system using organic-inorganic assembled network materials. <i>Chemical Communications</i> , 2015 , 51, 722-4	5.8	26

69	Synthesis and characterization of water-soluble polythiophene derivatives for cell imaging. <i>Scientific Reports</i> , 2015 , 5, 7617	4.9	31
68	Convenient, sensitive and high-throughput method for screening botanic origin. <i>Scientific Reports</i> , 2014 , 4, 5395	4.9	5
67	Associated analysis of DNA methylation for cancer detection using CCP-based FRET technique. <i>Analytical Chemistry</i> , 2014 , 86, 346-50	7.8	71
66	Preparation and biofunctionalization of multicolor conjugated polymer nanoparticles for imaging and detection of tumor cells. <i>Advanced Materials</i> , 2014 , 26, 3926-30	24	138
65	Conjugated-polymer-based energy-transfer systems for antimicrobial and anticancer applications. <i>Advanced Materials</i> , 2014 , 26, 6978-82	24	124
64	Multicellular assembly and light-regulation of cell-cell communication by conjugated polymer materials. <i>Advanced Materials</i> , 2014 , 26, 2371-5	24	43
63	Multi-colored fibers by self-assembly of DNA, histone proteins, and cationic conjugated polymers. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 424-8	16.4	40
62	Conjugated polymer nanoparticles for cell membrane imaging. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3121-4	1.4	18
61	Cationic oligo(p-phenylene vinylene) materials for combating drug resistance of cancer cells by light manipulation. <i>Advanced Materials</i> , 2014 , 26, 5986-90	24	42
60	Cationic conjugated polymers for discrimination of microbial pathogens. <i>Advanced Materials</i> , 2014 , 26, 4333-8	24	201
59	Multi-Colored Fibers by Self-Assembly of DNA, Histone Proteins, and Cationic Conjugated Polymers. <i>Angewandte Chemie</i> , 2014 , 126, 434-438	3.6	9
58	Logic-signal output of fluorescent proteins for screening antibiotic combinations. <i>Science China Chemistry</i> , 2014 , 57, 1696-1702	7.9	5
57	Engineered riboswitch as a gene-regulatory platform for reducing antibiotic resistance. <i>Methods in Molecular Biology</i> , 2014 , 1111, 251-8	1.4	3
56	Synthesis of a new conjugated polymer for cell membrane imaging by using an intracellular targeting strategy. <i>Polymer Chemistry</i> , 2013 , 4, 5212	4.9	35
55	MDR1-targeted siRNA delivery with cationic dendritic conjugated polymers. <i>Science Bulletin</i> , 2013 , 58, 2762-2766		2
54	Multiplex detection of KRAS and BRAF mutations using cationic conjugated polymers. <i>Science Bulletin</i> , 2013 , 58, 873-878		2
53	Bioluminescence as a light source for photosynthesis. <i>Chemical Communications</i> , 2013 , 49, 10685-7	5.8	7
52	Conjugated polymer nanoparticles: preparation, properties, functionalization and biological applications. <i>Chemical Society Reviews</i> , 2013 , 42, 6620-33	58.5	687

51	Protein-assisted conjugated polymer microarray: Fabrication and sensing applications. <i>Science Bulletin</i> , 2013 , 58, 4039-4044		2
50	Dopamine-Modified Cationic Conjugated Polymer as a New Platform for pH Sensing and Autophagy Imaging. <i>Advanced Functional Materials</i> , 2013 , 23, 764-769	15.6	52
49	Flexible antibacterial film deposited with polythiophene-porphyrin composite. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1582-5	10.1	27
48	Multiplex Detection of DNA Mutations by the Fluorescence Fingerprint Spectrum Technique. <i>Angewandte Chemie</i> , 2013 , 125, 13258-13261	3.6	6
47	Multiplex detection of DNA mutations by the fluorescence fingerprint spectrum technique. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13020-3	16.4	31
46	Conjugated polyelectrolyte materials for promoting progenitor cell growth without serum. <i>Scientific Reports</i> , 2013 , 3, 1702	4.9	7
45	A Multifunctional Cationic Pentathiophene: Synthesis, Organelle-Selective Imaging, and Anticancer Activity. <i>Advanced Functional Materials</i> , 2012 , 22, 736-743	15.6	38
44	A convenient preparation of multi-spectral microparticles by bacteria-mediated assemblies of conjugated polymer nanoparticles for cell imaging and barcoding. <i>Advanced Materials</i> , 2012 , 24, 637-41	24	79
43	Detection and differential diagnosis of colon cancer by a cumulative analysis of promoter methylation. <i>Nature Communications</i> , 2012 , 3, 1206	17.4	59
42	Visual detection of DNA mutation using multicolor fluorescent coding. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 2885-90	9.5	28
41	Water-miscible organic J-aggregate nanoparticles as efficient two-photon fluorescent nano-probes for bio-imaging. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17737		52
40	A highly emissive conjugated polyelectrolyte vector for gene delivery and transfection. <i>Advanced Materials</i> , 2012 , 24, 5428-32	24	50
39	Synthesis of a Bifunctional Fluorescent Polymer for Cell Imaging and Enzyme Detection. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 2486-2491	2.6	8
38	Conjugated polymer nanoparticles for light-activated anticancer and antibacterial activity with imaging capability. <i>Langmuir</i> , 2012 , 28, 2091-8	4	89
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36	Conjugated polymers for light-activated antifungal activity. <i>Small</i> , 2012 , 8, 524-9	11	24
35	Antifungal Activity: Conjugated Polymers for Light-Activated Antifungal Activity (<i>Small</i> 4/2012). <i>Small</i> , 2012 , 8, 524-524	11	13
34	Water-soluble conjugated polymers for imaging, diagnosis, and therapy. <i>Chemical Reviews</i> , 2012 , 112, 4687-735	68.1	944

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32	Visual optical discrimination and detection of microbial pathogens based on diverse interactions of conjugated polyelectrolytes with cells. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7905		37
31	Tetraacenaphthoporphyrin: a conjugated porphyrin with efficient light-activated anticancer activity. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1147-50	4.5	8
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29	Development of Film Sensors Based on Conjugated Polymers for Copper (II) Ion Detection. <i>Advanced Functional Materials</i> , 2011 , 21, 845-850	15.6	74
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14	A conjugated polymer-Gd (III) complex as pH sensitive contrast agent in magnetic resonance imaging. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2010 , 5, 166-170		3
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12	Assemblies of conjugated polyelectrolytes with proteins for controlled protein photoinactivation. <i>Advanced Materials</i> , 2010 , 22, 1602-6	24	37
11	An Optical Approach for Drug Screening Based on Light-Harvesting Conjugated Polyelectrolytes. <i>Angewandte Chemie</i> , 2009 , 121, 4436-4439	3.6	1
10	Water-Soluble Conjugated Polyelectrolyte-Based Fluorescence Enzyme Coupling Protocol for Continuous and Sensitive β -Galactosidase Detection. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 1188-1193	2.6	9
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