

Libing Liu

List of Publications by Citations

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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 | Water-soluble conjugated polymers for imaging, diagnosis, and therapy. <i>Chemical Reviews</i> , 2012 , 112, 4687-735 | 68.1 | 944 |
| 193 | Conjugated polymer nanoparticles: preparation, properties, functionalization and biological applications. <i>Chemical Society Reviews</i> , 2013 , 42, 6620-33 | 58.5 | 687 |
| 192 | Water-soluble fluorescent conjugated polymers and their interactions with biomacromolecules for sensitive biosensors. <i>Chemical Society Reviews</i> , 2010 , 39, 2411-9 | 58.5 | 523 |
| 191 | Conjugated polymer/porphyrin complexes for efficient energy transfer and improving light-activated antibacterial activity. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13117-24 | 16.4 | 277 |
| 190 | Cationic conjugated polymers for optical detection of DNA methylation, lesions, and single nucleotide polymorphisms. <i>Accounts of Chemical Research</i> , 2010 , 43, 260-70 | 24.3 | 251 |
| 189 | Multifunctional cationic poly(p-phenylene vinylene) polyelectrolytes for selective recognition, imaging, and killing of bacteria over mammalian cells. <i>Advanced Materials</i> , 2011 , 23, 4805-10 | 24 | 216 |
| 188 | A Supramolecular Antibiotic Switch for Antibacterial Regulation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13208-13 | 16.4 | 211 |
| 187 | Conjugated polymer nanoparticles for drug delivery and imaging. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 2429-35 | 9.5 | 205 |
| 186 | Cationic conjugated polymers for discrimination of microbial pathogens. <i>Advanced Materials</i> , 2014 , 26, 4333-8 | 24 | 201 |
| 185 | Chemical molecule-induced light-activated system for anticancer and antifungal activities. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13184-7 | 16.4 | 194 |
| 184 | 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 |
| 183 | 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 |
| 182 | Lipid-modified conjugated polymer nanoparticles for cell imaging and transfection. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1312-1316 | | 127 |
| 181 | Conjugated-polymer-based energy-transfer systems for antimicrobial and anticancer applications. <i>Advanced Materials</i> , 2014 , 26, 6978-82 | 24 | 124 |
| 180 | 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 |
| 179 | Luminescent, Oxygen-Supplying, Hemoglobin-Linked Conjugated Polymer Nanoparticles for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10660-10665 | 16.4 | 116 |
| 178 | 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 |

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| 177 | Electrochemiluminescence for Electric-Driven Antibacterial Therapeutics. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2284-2291 | 16.4 | 112 |
| 176 | Design Guidelines For Conjugated Polymers With Light-Activated Anticancer Activity. <i>Advanced Functional Materials</i> , 2011 , 21, 4058-4067 | 15.6 | 95 |
| 175 | Photothermal-Responsive Conjugated Polymer Nanoparticles for Remote Control of Gene Expression in Living Cells. <i>Advanced Materials</i> , 2018 , 30, 1705418 | 24 | 90 |
| 174 | Conjugated polymer nanoparticles for light-activated anticancer and antibacterial activity with imaging capability. <i>Langmuir</i> , 2012 , 28, 2091-8 | 4 | 89 |
| 173 | Conjugated Polymer Nanoparticles to Augment Photosynthesis of Chloroplasts. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5308-5311 | 16.4 | 86 |
| 172 | Fluorescent conjugated polymer-based FRET technique for detection of DNA methylation of cancer cells. <i>Nature Protocols</i> , 2010 , 5, 1255-64 | 18.8 | 81 |
| 171 | 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 |
| 170 | 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 |
| 169 | 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 |
| 168 | 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 |
| 167 | Associated analysis of DNA methylation for cancer detection using CCP-based FRET technique. <i>Analytical Chemistry</i> , 2014 , 86, 346-50 | 7.8 | 71 |
| 166 | Strategies to design conjugated polymer based materials for biological sensing and imaging. <i>Coordination Chemistry Reviews</i> , 2018 , 354, 135-154 | 23.2 | 65 |
| 165 | pH-Responsive Peptide Supramolecular Hydrogels with Antibacterial Activity. <i>Langmuir</i> , 2017 , 33, 3234-3240 | 11 | 64 |
| 164 | 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 |
| 163 | Supramolecular Conjugated Polymer Materials for in Situ Pathogen Detection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 31550-31557 | 9.5 | 60 |
| 162 | Recent Advances in Conjugated Polymer Materials for Disease Diagnosis. <i>Small</i> , 2016 , 12, 696-705 | 11 | 60 |
| 161 | Detection and differential diagnosis of colon cancer by a cumulative analysis of promoter methylation. <i>Nature Communications</i> , 2012 , 3, 1206 | 17.4 | 59 |
| 160 | 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 |

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| 159 | 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 |
| 158 | Rapid, simple, and high-throughput antimicrobial susceptibility testing and antibiotics screening. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9607-10 | 16.4 | 54 |
| 157 | Biofilm Inhibition and Elimination Regulated by Cationic Conjugated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16933-16938 | 9.5 | 53 |
| 156 | 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 |
| 155 | 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 |
| 154 | A highly emissive conjugated polyelectrolyte vector for gene delivery and transfection. <i>Advanced Materials</i> , 2012 , 24, 5428-32 | 24 | 50 |
| 153 | Supramolecular Antibiotic Switches: A Potential Strategy for Combating Drug Resistance. <i>Chemistry - A European Journal</i> , 2016 , 22, 11114-21 | 4.8 | 50 |
| 152 | Polymer-drug conjugates for intracellular molecule-targeted photoinduced inactivation of protein and growth inhibition of cancer cells. <i>Scientific Reports</i> , 2012 , 2, 766 | 4.9 | 49 |
| 151 | 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 |
| 150 | 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 |
| 149 | Self-Assembled Nanomedicines for Anticancer and Antibacterial Applications. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800670 | 10.1 | 45 |
| 148 | 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 |
| 147 | Multicellular assembly and light-regulation of cell-cell communication by conjugated polymer materials. <i>Advanced Materials</i> , 2014 , 26, 2371-5 | 24 | 43 |
| 146 | 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 |
| 145 | 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 |
| 144 | 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 |
| 143 | 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 |
| 142 | A potent fluorescent probe for the detection of cell apoptosis. <i>Chemical Communications</i> , 2011 , 47, 5524-5526 | 5.6 | 41 |

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| 141 | 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 |
| 140 | Conjugated polymers as multifunctional biomedical platforms: Anticancer activity and apoptosis imaging. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6942 | | 40 |
| 139 | A Multifunctional Cationic Pentathiophene: Synthesis, Organelle-Selective Imaging, and Anticancer Activity. <i>Advanced Functional Materials</i> , 2012 , 22, 736-743 | 15.6 | 38 |
| 138 | Reactive Amphiphilic Conjugated Polymers for Inhibiting Amyloid β Assembly. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5988-5993 | 16.4 | 38 |
| 137 | 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 |
| 136 | Supramolecular Conjugated Polymer Systems with Controlled Antibacterial Activity. <i>Langmuir</i> , 2017 , 33, 1116-1120 | 4 | 37 |
| 135 | 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 |
| 134 | Assemblies of conjugated polyelectrolytes with proteins for controlled protein photoinactivation. <i>Advanced Materials</i> , 2010 , 22, 1602-6 | 24 | 37 |
| 133 | Cationic Conjugated Polymers-Induced Quorum Sensing of Bacteria Cells. <i>Analytical Chemistry</i> , 2016 , 88, 2985-8 | 7.8 | 35 |
| 132 | Conjugated Polymer Materials for Photothermal Therapy. <i>Advanced Therapeutics</i> , 2018 , 1, 1800057 | 4.9 | 35 |
| 131 | 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 |
| 130 | Synthesis of amphiphilic polythiophene for cell imaging and monitoring the cellular distribution of a cisplatin anticancer drug. <i>Small</i> , 2011 , 7, 1464-70 | 11 | 35 |
| 129 | Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33 | 7.9 | 33 |
| 128 | Water-Soluble Conjugated Polymers for Amplified Fluorescence Detection of Template-Independent DNA Elongation Catalyzed by Polymerase. <i>Advanced Functional Materials</i> , 2011 , 21, 3143-3149 | 15.6 | 32 |
| 127 | Conjugated Polyelectrolyte-Silver Nanostructure Pair for Detection and Killing of Bacteria. <i>Advanced Materials Technologies</i> , 2017 , 2, 1700033 | 6.8 | 31 |
| 126 | Luminescent, Oxygen-Supplying, Hemoglobin-Linked Conjugated Polymer Nanoparticles for Photodynamic Therapy. <i>Angewandte Chemie</i> , 2019 , 131, 10770-10775 | 3.6 | 31 |
| 125 | Synthesis and characterization of water-soluble polythiophene derivatives for cell imaging. <i>Scientific Reports</i> , 2015 , 5, 7617 | 4.9 | 31 |
| 124 | Multiplex detection of DNA mutations by the fluorescence fingerprint spectrum technique. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13020-3 | 16.4 | 31 |

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| 123 | Conjugated Polymer Nanoparticles to Augment Photosynthesis of Chloroplasts. <i>Angewandte Chemie</i> , 2017 , 129, 5392-5395 | 3.6 | 30 |
| 122 | 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 |
| 121 | A Supramolecular Antibiotic Switch for Antibacterial Regulation. <i>Angewandte Chemie</i> , 2015 , 127, 13406-13411 | 3.4 | 28 |
| 120 | Visual detection of DNA mutation using multicolor fluorescent coding. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 2885-90 | 9.5 | 28 |
| 119 | Water-soluble dendritic-conjugated polyfluorenes: Synthesis, characterization, and interactions with DNA. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 7462-7472 | 2.5 | 28 |
| 118 | Pyridinium-Substituted Tetraphenylethylene-Entailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1013-1019 | 4.5 | 27 |
| 117 | Flexible antibacterial film deposited with polythiophene-porphyrin composite. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1582-5 | 10.1 | 27 |
| 116 | Antimicrobial activity of a conjugated polymer with cationic backbone. <i>Dyes and Pigments</i> , 2019 , 160, 519-523 | 4.6 | 27 |
| 115 | A glucose-powered antimicrobial system using organic-inorganic assembled network materials. <i>Chemical Communications</i> , 2015 , 51, 722-4 | 5.8 | 26 |
| 114 | Conjugated polymers for light-activated antifungal activity. <i>Small</i> , 2012 , 8, 524-9 | 11 | 24 |
| 113 | Fluorescence Logic-Signal-Based Multiplex Detection of Nucleases with the Assembly of a Cationic Conjugated Polymer and Branched DNA. <i>Angewandte Chemie</i> , 2009 , 121, 5420-5425 | 3.6 | 24 |
| 112 | In Situ-Induced Multivalent Anticancer Drug Clusters in Cancer Cells for Enhancing Drug Efficacy. <i>CCS Chemistry</i> , 97-105 | 7.2 | 24 |
| 111 | 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 |
| 110 | Conducting Polymers-Thylakoid Hybrid Materials for Water Oxidation and Photoelectric Conversion. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800789 | 6.4 | 24 |
| 109 | Designing an Amino-Fullerene Derivative C-(EDA) to Fight Superbacteria. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14597-14607 | 9.5 | 23 |
| 108 | Supramolecular Strategy Based on Conjugated Polymers for Discrimination of Virus and Pathogens. <i>Biomacromolecules</i> , 2018 , 19, 2117-2122 | 6.9 | 23 |
| 107 | Conjugated Polymer-Quantum Dot Hybrid Materials for Pathogen Discrimination and Disinfection. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21263-21269 | 9.5 | 21 |
| 106 | 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 |

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| 105 | 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 |
| 104 | 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 |
| 103 | Conjugated polymer nanoparticles for cell membrane imaging. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3121-4 | 1.4 | 18 |
| 102 | Conjugated Polymer Nanomaterials for Phototherapy of Cancer. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 237-242 | 2.2 | 17 |
| 101 | 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 |
| 100 | Synthesis of Zwitterionic Water-Soluble Oligofluorenes with Good Light-Harvesting Ability. <i>Advanced Functional Materials</i> , 2010 , 20, 2175-2180 | 15.6 | 17 |
| 99 | 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 |
| 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 | Cationic conjugated polymers for detection and inactivation of pathogens. <i>Science China Chemistry</i> , 2017 , 60, 1567-1574 | 7.9 | 16 |
| 96 | Design of antibacterial peptide-like conjugated molecule with broad spectrum antimicrobial ability. <i>Science China Chemistry</i> , 2018 , 61, 113-117 | 7.9 | 16 |
| 95 | Reactive Conjugated Polymers for the Modulation of Islet Amyloid Polypeptide Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22973-22978 | 9.5 | 15 |
| 94 | Cyclometalated iridium(iii) complex nanoparticles for mitochondria-targeted photodynamic therapy. <i>Nanoscale</i> , 2020 , 12, 14061-14067 | 7.7 | 15 |
| 93 | Polythiophene/Peptide Biohybrid Assemblies for Enhancing Photoinduced Hydrogen Evolution. <i>Advanced Electronic Materials</i> , 2017 , 3, 1700161 | 6.4 | 15 |
| 92 | Microorganism-based assemblies of luminescent conjugated polyelectrolytes. <i>Chemical Communications</i> , 2008 , 5999-6001 | 5.8 | 15 |
| 91 | Near-Infrared-Light Remote-Controlled Activation of Cancer Immunotherapy Using Photothermal Conjugated Polymer Nanoparticles. <i>Advanced Materials</i> , 2021 , 33, e2102570 | 24 | 15 |
| 90 | 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 |
| 89 | Conductive Polymer/Exoelectrogen Hybrid Bioelectrode with Improved Biofilm Formation and Extracellular Electron Transport. <i>Advanced Electronic Materials</i> , 2019 , 5, 1900320 | 6.4 | 14 |
| 88 | Optimized coagulation pathway of Al: Effect of in-situ Aggregation of Al. <i>Chemosphere</i> , 2019 , 230, 76-838.4 | 8.4 | 14 |

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| 87 | 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 |
| 86 | 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 |
| 85 | Antifungal Activity: Conjugated Polymers for Light-Activated Antifungal Activity (Small 4/2012). <i>Small</i> , 2012 , 8, 524-524 | 11 | 13 |
| 84 | A water-soluble conjugated polymer for protein identification and denaturation detection. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 2524-9 | 4.5 | 13 |
| 83 | 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 |
| 82 | Conjugated Polymer Enhanced Photoelectric Response of Self-Circulating Photosynthetic Bioelectrochemical Cell. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 38993-39000 | 9.5 | 12 |
| 81 | 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 |
| 80 | Multifunctional assembly of micrometer-sized colloids for cell sorting. <i>Small</i> , 2015 , 11, 2555-63 | 11 | 11 |
| 79 | 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 |
| 78 | Supramolecular Germicide Switches through Host-Guest Interactions for Decelerating Emergence of Drug-Resistant Pathogens. <i>ChemistrySelect</i> , 2017 , 2, 7940-7945 | 1.8 | 11 |
| 77 | 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 |
| 76 | Reactive Amphiphilic Conjugated Polymers for Inhibiting Amyloid β Assembly. <i>Angewandte Chemie</i> , 2019 , 131, 6049-6054 | 3.6 | 10 |
| 75 | Synthesis of a new cationic non-conjugated polymer for discrimination of microbial pathogens. <i>Polymer Chemistry</i> , 2016 , 7, 6699-6702 | 4.9 | 10 |
| 74 | 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 |
| 73 | 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 |
| 72 | Pre-aggregation of Al in optimizing coagulation for removal of humic acid. <i>Chemosphere</i> , 2021 , 277, 130268 | 2.6 | 10 |
| 71 | Biomimetic 4D-Printed Breathing Hydrogel Actuators by Nanothylakoid and Thermoresponsive Polymer Networks. <i>Advanced Functional Materials</i> , 2018 , 28, 1805544 | 15.6 | 10 |
| 70 | 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 |

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| 69 | 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 |
| 68 | 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 |
| 67 | Oral delivery of antioxidant enzymes for effective treatment of inflammatory disease. <i>Biomaterials</i> , 2021 , 271, 120753 | 15.6 | 9 |
| 66 | Design and Synthesis of Reactive Perylene Tetracarboxylic Diimide Derivatives for Rapid Cell Imaging. <i>ACS Omega</i> , 2018 , 3, 8691-8696 | 3.9 | 8 |
| 65 | 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 |
| 64 | Tetraacenaphthoporphyrin: a β -conjugated porphyrin with efficient light-activated anticancer activity. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1147-50 | 4.5 | 8 |
| 63 | Cationic conjugated polymers for homogeneous and sensitive fluorescence detection of hyaluronidase. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 827-832 | | 8 |
| 62 | Förster Resonance Energy Transfer Mediated Rapid and Synergistic Discrimination of Bacteria over Fungi Using a Cationic Conjugated Glycopolymer.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 20-28 | 4.1 | 8 |
| 61 | Supramolecular conjugated polymer materials for organelle imaging in living cells. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1768-1772 | 7.8 | 7 |
| 60 | Boronic Acid-Functionalized Conjugated Polymer for Controllable Cell Membrane Imaging.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1787-1791 | 4.1 | 7 |
| 59 | ROS self-scavenging polythiophene materials for cell imaging. <i>Polymer Chemistry</i> , 2015 , 6, 8244-8247 | 4.9 | 7 |
| 58 | 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 |
| 57 | Bioluminescence as a light source for photosynthesis. <i>Chemical Communications</i> , 2013 , 49, 10685-7 | 5.8 | 7 |
| 56 | Polarity Conversion of Conjugated Polymer for Lysosome Escaping. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27427-27432 | 9.5 | 7 |
| 55 | Conjugated polyelectrolyte materials for promoting progenitor cell growth without serum. <i>Scientific Reports</i> , 2013 , 3, 1702 | 4.9 | 7 |
| 54 | Supramolecular Nanofibers for Encapsulation and In Situ Differentiation of Neural Stem Cells. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901295 | 10.1 | 7 |
| 53 | Optically-controlled supramolecular self-assembly of an antibiotic for antibacterial regulation. <i>Chemical Communications</i> , 2019 , 55, 14466-14469 | 5.8 | 7 |
| 52 | 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 |

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|----|--|------|---|
| 51 | 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 |
| 50 | Photoelectrochemical Strategy for Discrimination of Microbial Pathogens Using Conjugated Polymers. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3469-3473 | 4.5 | 6 |
| 49 | Homogeneous fluorescent specific PCR for the authentication of medicinal snakes using cationic conjugated polymers. <i>Scientific Reports</i> , 2015 , 5, 16260 | 4.9 | 6 |
| 48 | Multiplex Detection of DNA Mutations by the Fluorescence Fingerprint Spectrum Technique. <i>Angewandte Chemie</i> , 2013 , 125, 13258-13261 | 3.6 | 6 |
| 47 | 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 | 9.5 | 6 |
| 46 | Intracellular Radical Polymerization of Paclitaxel-Bearing Acrylamide for Self-Inflicted Apoptosis of Cancer Cells 2021 , 3, 1307-1314 | | 6 |
| 45 | Convenient, sensitive and high-throughput method for screening botanic origin. <i>Scientific Reports</i> , 2014 , 4, 5395 | 4.9 | 5 |
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