Jianwu Wang

List of Publications by Citations

299 papers	13,322 citations	58 h-index	106 g-index
446 ext. papers	15,624 ext. citations	9.2 avg, IF	6.81 L-index

#	Paper	IF	Citations
299	Water-soluble conjugated polymers for imaging, diagnosis, and therapy. *Chemical Reviews*, **2012**, 112, 4687-735	68.1	944
298	Conjugated polymer nanoparticles: preparation, properties, functionalization and biological applications. *Chemical Society Reviews*, **2013**, 42, 6620-33	58.5	687
297	Water-soluble fluorescent conjugated polymers and their interactions with biomacromolecules for sensitive biosensors. *Chemical Society Reviews*, **2010**, 39, 2411-9	58.5	523
296	Self-Assembled Copper-Amino Acid Nanoparticles for in Situ Glutathione "AND" HO Sequentially Triggered Chemodynamic Therapy. *Journal of the American Chemical Society*, **2019**, 141, 849-857	16.4	464
295	Conjugated polymer/porphyrin complexes for efficient energy transfer and improving light-activated antibacterial activity. *Journal of the American Chemical Society*, **2009**, 131, 13117-24	16.4	277
294	Cationic conjugated polymers for optical detection of DNA methylation, lesions, and single nucleotide polymorphisms. *Accounts of Chemical Research*, **2010**, 43, 260-70	24.3	251
293	Supramolecular photosensitizers with enhanced antibacterial efficiency. *Angewandte Chemie - International Edition*, **2013**, 52, 8285-9	16.4	246
292	Fluorescein provides a resonance gate for FRET from conjugated polymers to DNA intercalated dyes. *Journal of the American Chemical Society*, **2004**, 126, 5446-51	16.4	246
291	Multifunctional cationic poly(p-phenylene vinylene) polyelectrolytes for selective recognition, imaging, and killing of bacteria over mammalian cells. *Advanced Materials*, **2011**, 23, 4805-10	24	216
290	A Supramolecular Antibiotic Switch for Antibacterial Regulation. *Angewandte Chemie - International Edition*, **2015**, 54, 13208-13	16.4	211
289	Conjugated polymer nanoparticles for drug delivery and imaging. *ACS Applied Materials & Interfaces*, **2010**, 2, 2429-35	9.5	205
288	Cationic conjugated polymers for discrimination of microbial pathogens. *Advanced Materials*, **2014**, 26, 4333-8	24	201
287	Chemical molecule-induced light-activated system for anticancer and antifungal activities. *Journal of the American Chemical Society*, **2012**, 134, 13184-7	16.4	194
286	A Reversible and Highly Selective Fluorescent Sensor for Mercury(II) Using Poly(thiophene)s that Contain Thymine Moieties. *Macromolecular Rapid Communications*, **2006**, 27, 389-392	4.8	181
285	Shape-adaptable water-soluble conjugated polymers. *Journal of the American Chemical Society*, **2003**, 125, 13306-7	16.4	176
284	Direct visualization of enzymatic cleavage and oxidative damage by hydroxyl radicals of single-stranded DNA with a cationic polythiophene derivative. *Journal of the American Chemical Society*, **2006**, 128, 14972-6	16.4	172
283	Supramolecular Radical Anions Triggered by Bacteria In Situ for Selective Photothermal Therapy. *Angewandte Chemie - International Edition*, **2017**, 56, 16239-16242	16.4	171

282	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. *Advanced Materials*, **2019**, 31, e1805092	24	158
281	Preparation and biofunctionalization of multicolor conjugated polymer nanoparticles for imaging and detection of tumor cells. *Advanced Materials*, **2014**, 26, 3926-30	24	138
280	Amine-responsive cellulose-based ratiometric fluorescent materials for real-time and visual detection of shrimp and crab freshness. *Nature Communications*, **2019**, 10, 795	17.4	137
279	Conjugated Polymer Nanoparticles for Imaging, Cell Activity Regulation, and Therapy. *Advanced Functional Materials*, **2019**, 29, 1806818	15.6	137
278	A sensitive and homogeneous SNP detection using cationic conjugated polymers. *Journal of the American Chemical Society*, **2007**, 129, 4154-5	16.4	131
277	Assembled Organic/Inorganic p□ Junction Interface and Photovoltaic Cell on a Single Nanowire. *Journal of Physical Chemistry Letters*, **2010**, 1, 327-330	6.4	129
276	Fluorescent conjugated polyelectrolyte as an indicator for convenient detection of DNA methylation. *Journal of the American Chemical Society*, **2008**, 130, 11338-43	16.4	128
275	Lipid-modified conjugated polymer nanoparticles for cell imaging and transfection. *Journal of Materials Chemistry*, **2010**, 20, 1312-1316		127
274	Conjugated-polymer-based energy-transfer systems for antimicrobial and anticancer applications. *Advanced Materials*, **2014**, 26, 6978-82	24	124
273	Selective Antimicrobial Activities and Action Mechanism of Micelles Self-Assembled by Cationic Oligomeric Surfactants. *ACS Applied Materials & Interfaces*, **2016**, 8, 4242-9	9.5	117
272	Luminescent, Oxygen-Supplying, Hemoglobin-Linked Conjugated Polymer Nanoparticles for Photodynamic Therapy. *Angewandte Chemie - International Edition*, **2019**, 58, 10660-10665	16.4	116
271	Graphdiyne Materials as Nanotransducer for in Vivo Photoacoustic Imaging and Photothermal Therapy of Tumor. *Chemistry of Materials*, **2017**, 29, 6087-6094	9.6	115
270	Electrochemiluminescence for Electric-Driven Antibacterial Therapeutics. *Journal of the American Chemical Society*, **2018**, 140, 2284-2291	16.4	112
269	A Membrane-Intercalating Conjugated Oligoelectrolyte with High-Efficiency Photodynamic Antimicrobial Activity. *Angewandte Chemie - International Edition*, **2017**, 56, 5031-5034	16.4	110
268	Water-soluble conjugated polymers for continuous and sensitive fluorescence assays for phosphatase and peptidase. *Journal of Materials Chemistry*, **2007**, 17, 4147		98
267	Design Guidelines For Conjugated Polymers With Light-Activated Anticancer Activity. *Advanced Functional Materials*, **2011**, 21, 4058-4067	15.6	95
266	Photothermal-Responsive Conjugated Polymer Nanoparticles for Remote Control of Gene Expression in Living Cells. *Advanced Materials*, **2018**, 30, 1705418	24	90
265	Supramolecular Porphyrin Photosensitizers: Controllable Disguise and Photoinduced Activation of Antibacterial Behavior. *ACS Applied Materials & Interfaces*, **2017**, 9, 13950-13957	9.5	89

264	Conjugated polymer nanoparticles for light-activated anticancer and antibacterial activity with imaging capability. *Langmuir*, **2012**, 28, 2091-8	4	89
263	Solvent-dependent aggregation of a water-soluble poly(fluorene) controls energy transfer to chromophore-labeled DNA. *Chemical Communications*, **2004**, 2508-9	5.8	88
262	Engineering Sensor Arrays Using Aggregation-Induced Emission Luminogens for Pathogen Identification. *Advanced Functional Materials*, **2019**, 29, 1805986	15.6	87
261	Conjugated Polymer Nanoparticles to Augment Photosynthesis of Chloroplasts. *Angewandte Chemie - International Edition*, **2017**, 56, 5308-5311	16.4	86
260	Fluorescent conjugated polymer-based FRET technique for detection of DNA methylation of cancer cells. *Nature Protocols*, **2010**, 5, 1255-64	18.8	81
259	Conjugated Polymer Nanoparticles with Appended Photo-Responsive Units for Controlled Drug Delivery, Release, and Imaging. *Angewandte Chemie - International Edition*, **2018**, 57, 13114-13119	16.4	79
258	A convenient preparation of multi-spectral microparticles by bacteria-mediated assemblies of conjugated polymer nanoparticles for cell imaging and barcoding. *Advanced Materials*, **2012**, 24, 637-41	24	79
257	An optical nanoruler based on a conjugated polymer-silver nanoprism pair for label-free protein detection. *Advanced Materials*, **2015**, 27, 6040-5	24	76
256	Development of Film Sensors Based on Conjugated Polymers for Copper (II) Ion Detection. *Advanced Functional Materials*, **2011**, 21, 845-850	15.6	74
255	Associated analysis of DNA methylation for cancer detection using CCP-based FRET technique. *Analytical Chemistry*, **2014**, 86, 346-50	7.8	71
254	GSH and H O Co-Activatable Mitochondria-Targeted Photodynamic Therapy under Normoxia and Hypoxia. *Angewandte Chemie - International Edition*, **2020**, 59, 12122-12128	16.4	71
253	Advanced functional polymer materials. *Materials Chemistry Frontiers*, **2020**, 4, 1803-1915	7.8	70
252	Fluorescence ratiometric assays of hydrogen peroxide and glucose in serum using conjugated polyelectrolytes. *Journal of Materials Chemistry*, **2007**, 17, 3702		68
251	Water-Resistant Conformal Hybrid Electrodes for Aquatic Endurable Electrocardiographic Monitoring. *Advanced Materials*, **2020**, 32, e2001496	24	66
250	Selective Imaging and Inactivation of Bacteria over Mammalian Cells by Imidazolium-Substituted Polythiophene. *Chemistry of Materials*, **2017**, 29, 6389-6395	9.6	64
249	Fluorescent DNA-poly(phenylenevinylene) hybrid hydrogels for monitoring drug release. *Chemical Communications*, **2009**, 641-3	5.8	64
248	Conjugated polymer-coated bacteria for multimodal intracellular and extracellular anticancer activity. *Advanced Materials*, **2013**, 25, 1203-8	24	61
247	Enhanced Photothermal Bactericidal Activity of the Reduced Graphene Oxide Modified by Cationic Water-Soluble Conjugated Polymer. *ACS Applied Materials & Interfaces*, **2017**, 9, 5382-5391	9.5	60

246	Supramolecular Conjugated Polymer Materials for in Situ Pathogen Detection. *ACS Applied Materials & Interfaces*, **2016**, 8, 31550-31557	9.5	60
245	Recent Advances in Conjugated Polymer Materials for Disease Diagnosis. *Small*, **2016**, 12, 696-705	11	60
244	Supramolecular Photosensitizers with Enhanced Antibacterial Efficiency. *Angewandte Chemie*, **2013**, 125, 8443-8447	3.6	60
243	Detection and differential diagnosis of colon cancer by a cumulative analysis of promoter methylation. *Nature Communications*, **2012**, 3, 1206	17.4	59
242	Binding-Directed Energy Transfer of Conjugated Polymer Materials for Dual-Color Imaging of Cell Membrane. *Chemistry of Materials*, **2016**, 28, 4661-4669	9.6	57
241	Water-Soluble Conjugated Organic Molecules as Optical and Electrochemical Materials for Interdisciplinary Biological Applications. *Accounts of Chemical Research*, **2019**, 52, 3211-3222	24.3	56
240	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. *Angewandte Chemie - International Edition*, **2017**, 56, 13455-13458	16.4	54
239	Rapid, simple, and high-throughput antimicrobial susceptibility testing and antibiotics screening. *Angewandte Chemie - International Edition*, **2011**, 50, 9607-10	16.4	54
238	Biofilm Inhibition and Elimination Regulated by Cationic Conjugated Polymers. *ACS Applied Materials & Interfaces*, **2017**, 9, 16933-16938	9.5	53
237	Water-miscible organic J-aggregate nanoparticles as efficient two-photon fluorescent nano-probes for bio-imaging. *Journal of Materials Chemistry*, **2012**, 22, 17737		52
236	Dopamine-Modified Cationic Conjugated Polymer as a New Platform for pH Sensing and Autophagy Imaging. *Advanced Functional Materials*, **2013**, 23, 764-769	15.6	52
235	A highly emissive conjugated polyelectrolyte vector for gene delivery and transfection. *Advanced Materials*, **2012**, 24, 5428-32	24	50
234	Supramolecular Antibiotic Switches: A Potential Strategy for Combating Drug Resistance. *Chemistry - A European Journal*, **2016**, 22, 11114-21	4.8	50
233	Polymer-drug conjugates for intracellar molecule-targeted photoinduced inactivation of protein and growth inhibition of cancer cells. *Scientific Reports*, **2012**, 2, 766	4.9	49
232	Fluorescence Turn-On Detection of Nitric Oxide in Aqueous Solution Using Cationic Conjugated Polyelectrolytes. *Macromolecular Rapid Communications*, **2007**, 28, 241-245	4.8	49
231	Preparation of Conjugated Polymer Grafted with H2O2-Sensitive Prodrug for Cell Imaging and Tumor Cell Killing. *ACS Applied Materials & Interfaces*, **2016**, 8, 42-6	9.5	45
230	Self-Assembled Nanomedicines for Anticancer and Antibacterial Applications. *Advanced Healthcare Materials*, **2018**, 7, e1800670	10.1	45
229	Efficient Conjugated Polymer-Methyl Viologen Electron Transfer System for Controlled Photo-Driven Hydrogen Evolution. *ACS Applied Materials & Interfaces*, **2017**, 9, 10355-10359	9.5	44

228	Graphene-Oxide-Conjugated Polymer Hybrid Materials for Calmodulin Sensing by Using FRET Strategy. *Advanced Functional Materials*, **2015**, 25, 4412-4418	15.6	44
227	Multicellular assembly and light-regulation of cell-cell communication by conjugated polymer materials. *Advanced Materials*, **2014**, 26, 2371-5	24	43
226	Tetrahydro[5]helicene-Based Nanoparticles for Structure-Dependent Cell Fluorescent Imaging. *Advanced Functional Materials*, **2014**, 24, 4405-4412	15.6	43
225	Solar-Powered Organic Semiconductor-Bacteria Biohybrids for CO Reduction into Acetic Acid. *Angewandte Chemie - International Edition*, **2020**, 59, 7224-7229	16.4	42
224	Conjugated Polymer-Based Photoelectrochemical Cytosensor with Turn-On Enable Signal for Sensitive Cell Detection. *ACS Applied Materials & Interfaces*, **2018**, 10, 6618-6623	9.5	42
223	Cross-Linking of Thiolated Paclitaxel-Oligo(p-phenylene vinylene) Conjugates Aggregates inside Tumor Cells Leads to "Chemical Locks" That Increase Drug Efficacy. *Advanced Materials*, **2018**, 30, 1704888	24	42
222	Polypseudorotaxane Constructed from Cationic Polymer with Cucurbit[7]uril for Controlled Antibacterial Activity. *ACS Macro Letters*, **2016**, 5, 1109-1113	6.6	42
221	Cationic oligo(p-phenylene vinylene) materials for combating drug resistance of cancer cells by light manipulation. *Advanced Materials*, **2014**, 26, 5986-90	24	42
220	A potent fluorescent probe for the detection of cell apoptosis. *Chemical Communications*, **2011**, 47, 5524-6	5.8	41
219	Single-nucleotide polymorphism (SNP) genotyping using cationic conjugated polymers in homogeneous solution. *Nature Protocols*, **2009**, 4, 984-91	18.8	41
218	Conjugated Polymer with Aggregation-Directed Intramolecular Förster Resonance Energy Transfer Enabling Efficient Discrimination and Killing of Microbial Pathogens. *Chemistry of Materials*, **2018**, 30, 3244-3253	9.6	40
217	Multi-colored fibers by self-assembly of DNA, histone proteins, and cationic conjugated polymers. *Angewandte Chemie - International Edition*, **2014**, 53, 424-8	16.4	40
216	Catalytic Hydrodechlorination of 4-Chlorophenol in an Aqueous Solution with Pd/Ni Catalyst and Formic Acid. *Industrial & Engineering Chemistry Research*, **2010**, 49, 4561-4565	3.9	40
215	Conjugated polymers as multifunctional biomedical platforms: Anticancer activity and apoptosis imaging. *Journal of Materials Chemistry*, **2010**, 20, 6942		40
214	A Multifunctional Cationic Pentathiophene: Synthesis, Organelle-Selective Imaging, and Anticancer Activity. *Advanced Functional Materials*, **2012**, 22, 736-743	15.6	38
213	Portable Food-Freshness Prediction Platform Based on Colorimetric Barcode Combinatorics and Deep Convolutional Neural Networks. *Advanced Materials*, **2020**, 32, e2004805	24	38
212	Reactive Amphiphilic Conjugated Polymers for Inhibiting Amyloid Assembly. *Angewandte Chemie - International Edition*, **2019**, 58, 5988-5993	16.4	38
211	Supramolecular Conjugated Polymer Systems with Controlled Antibacterial Activity. *Langmuir*, **2017**, 33, 1116-1120	4	37

210	Visual optical discrimination and detection of microbial pathogens based on diverse interactions of conjugated polyelectrolytes with cells. *Journal of Materials Chemistry*, **2011**, 21, 7905		37
209	Assemblies of conjugated polyelectrolytes with proteins for controlled protein photoinactivation. *Advanced Materials*, **2010**, 22, 1602-6	24	37
208	Precisely Defined Conjugated Oligoelectrolytes for Biosensing and Therapeutics. *Advanced Materials*, **2019**, 31, e1806701	24	36
207	Self-Aggregation, Antibacterial Activity, and Mildness of Cyclodextrin/Cationic Trimeric Surfactant Complexes. *ACS Applied Materials & Interfaces*, **2016**, 8, 30811-30823	9.5	36
206	Design and Synthesis of a New Conjugated Polyelectrolyte as a Reversible pH Sensor. *Macromolecular Rapid Communications*, **2008**, 29, 390-395	4.8	36
205	Reversible Thermochromic Nanoparticles Composed of a Eutectic Mixture for Temperature-Controlled Photothermal Therapy. *Nano Letters*, **2020**, 20, 2137-2143	11.5	35
204	Cationic Conjugated Polymers-Induced Quorum Sensing of Bacteria Cells. *Analytical Chemistry*, **2016**, 88, 2985-8	7.8	35
203	Conjugated Polymer Materials for Photothermal Therapy. *Advanced Therapeutics*, **2018**, 1, 1800057	4.9	35
202	Synthesis of a new conjugated polymer for cell membrane imaging by using an intracellular targeting strategy. *Polymer Chemistry*, **2013**, 4, 5212	4.9	35
201	Synthesis of amphiphilic polythiophene for cell imaging and monitoring the cellular distribution of a cisplatin anticancer drug. *Small*, **2011**, 7, 1464-70	11	35
200	Highly Selective Fluorescence Detection for Mercury (II) Ions in Aqueous Solution Using Water Soluble Conjugated Polyelectrolytes. *Macromolecular Rapid Communications*, **2008**, 29, 1467-1471	4.8	34
199	Three-Point Hydrogen Bonding Assembly between a Conjugated PPV and a Functionalized Fullerene. *Chemistry of Materials*, **2003**, 15, 1593-1597	9.6	34
198	Synthesis of cationic water-soluble light-harvesting dendrimers. *Organic Letters*, **2005**, 7, 1907-10	6.2	32
197	Controllable Targeted Accumulation of Fluorescent Conjugated Polymers on Bacteria Mediated by a Saccharide Bridge. *Chemistry of Materials*, **2020**, 32, 438-447	9.6	32
196	Cascade Reactions by Nitric Oxide and Hydrogen Radical for Anti-Hypoxia Photodynamic Therapy Using an Activatable Photosensitizer. *Journal of the American Chemical Society*, **2021**, 143, 868-878	16.4	32
195	Conjugated Polyelectrolyte–Silver Nanostructure Pair for Detection and Killing of Bacteria. *Advanced Materials Technologies*, **2017**, 2, 1700033	6.8	31
194	Luminescent, Oxygen-Supplying, Hemoglobin-Linked Conjugated Polymer Nanoparticles for Photodynamic Therapy. *Angewandte Chemie*, **2019**, 131, 10770-10775	3.6	31
193	Locally coupled electromechanical interfaces based on cytoadhesion-inspired hybrids to identify muscular excitation-contraction signatures. *Nature Communications*, **2020**, 11, 2183	17.4	31

192	Synthesis and characterization of water-soluble polythiophene derivatives for cell imaging. *Scientific Reports*, **2015**, 5, 7617	4.9	31
191	Multiplex detection of DNA mutations by the fluorescence fingerprint spectrum technique. *Angewandte Chemie - International Edition*, **2013**, 52, 13020-3	16.4	31
190	Conjugated Polymer Nanoparticles to Augment Photosynthesis of Chloroplasts. *Angewandte Chemie*, **2017**, 129, 5392-5395	3.6	30
189	Sunlight-Driven Wearable and Robust Antibacterial Coatings with Water-Soluble Cellulose-Based Photosensitizers. *Advanced Healthcare Materials*, **2019**, 8, e1801591	10.1	30
188	Fluorescence Ratiometric Assay Strategy for Chemical Transmitter of Living Cells Using H2O2-Sensitive Conjugated Polymers. *ACS Applied Materials & Interfaces*, **2015**, 7, 24110-8	9.5	30
187	Non-Ionic Water-Soluble Crown-Ether-Substituted Polyfluorene as Fluorescent Probe for Lead Ion Assays. *Macromolecular Rapid Communications*, **2007**, 28, 1333-1338	4.8	30
186	A Supramolecular Antibiotic Switch for Antibacterial Regulation. *Angewandte Chemie*, **2015**, 127, 13406-13411	3.6	28
185	Visual detection of DNA mutation using multicolor fluorescent coding. *ACS Applied Materials & Interfaces*, **2012**, 4, 2885-90	9.5	28
184	Water-soluble dendritic-conjugated polyfluorenes: Synthesis, characterization, and interactions with DNA. *Journal of Polymer Science Part A*, **2008**, 46, 7462-7472	2.5	28
183	Pyridinium-Substituted TetraphenylethyleneEntailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. *Chemistry - an Asian Journal*, **2017**, 12, 1013-1019	4.5	27
182	BODIPY-Based Fluorescent Surfactant for Cell Membrane Imaging and Photodynamic Therapy.. *ACS Applied Bio Materials*, **2020**, 3, 593-601	4.1	27
181	A Membrane-Intercalating Conjugated Oligoelectrolyte with High-Efficiency Photodynamic Antimicrobial Activity. *Angewandte Chemie*, **2017**, 129, 5113-5116	3.6	26
180	Supramolecular Radical Anions Triggered by Bacteria In Situ for Selective Photothermal Therapy. *Angewandte Chemie*, **2017**, 129, 16457-16460	3.6	26
179	Guanidinium-pendant oligofluorene for rapid and specific identification of antibiotics with membrane-disrupting ability. *Chemical Communications*, **2015**, 51, 4036-9	5.8	26
178	A glucose-powered antimicrobial system using organic-inorganic assembled network materials. *Chemical Communications*, **2015**, 51, 722-4	5.8	26
177	Conjugated polymers for light-activated antifungal activity. *Small*, **2012**, 8, 524-9	11	24
176	In Situ-Induced Multivalent Anticancer Drug Clusters in Cancer Cells for Enhancing Drug Efficacy. *CCS Chemistry*,97-105	7.2	24
175	Artificial regulation of state transition for augmenting plant photosynthesis using synthetic light-harvesting polymer materials. *Science Advances*, **2020**, 6, eabc5237	14.3	24

174	Conducting Polymers Thylakoid Hybrid Materials for Water Oxidation and Photoelectric Conversion. *Advanced Electronic Materials*, **2019**, 5, 1800789	6.4	24
173	Designing an Amino-Fullerene Derivative C-(EDA) to Fight Superbacteria. *ACS Applied Materials & Interfaces*, **2019**, 11, 14597-14607	9.5	23
172	Supramolecular Strategy Based on Conjugated Polymers for Discrimination of Virus and Pathogens. *Biomacromolecules*, **2018**, 19, 2117-2122	6.9	23
171	Analyte-Induced Aggregation of a Water-Soluble Conjugated Polymer for Fluorescent Assay of Oxalic Acid. *Macromolecular Rapid Communications*, **2007**, 28, 1905-1911	4.8	23
170	A Conjugated Polymer-Based Electrochemical DNA Sensor: Design and Application of a Multi-Functional and Water-Soluble Conjugated Polymer. *Macromolecular Rapid Communications*, **2008**, 29, 1489-1494	4.8	23
169	Peptide Amphiphiles with Distinct Supramolecular Nanostructures for Controlled Antibacterial Activities. *ACS Applied Bio Materials*, **2018**, 1, 21-26	4.1	23
168	Photocatalytic Hydrogen Production with Conjugated Polymers as Photosensitizers. *ACS Applied Materials & Interfaces*, **2018**, 10, 10828-10834	9.5	22
167	A tetravalent sialic acid-coated tetraphenylethene luminogen with aggregation-induced emission characteristics: design, synthesis and application for sialidase activity assay, high-throughput screening of sialidase inhibitors and diagnosis of bacterial vaginosis. *Chemical Communications*, **2018**, 54, 10691-10694	5.8	22
166	Single Base Pair Mismatch Detection Using Cationic Conjugated Polymers through Fluorescence Resonance Energy Transfer. *Macromolecular Rapid Communications*, **2007**, 28, 729-732	4.8	22
165	Guanidine-functionalized cotton fabrics for achieving permanent antibacterial activity without compromising their physicochemical properties and cytocompatibility. *Cellulose*, **2020**, 27, 6027-6036	5.5	21
164	A Fluorescence Ratiometric Protein Assay Using Light-Harvesting Conjugated Polymers. *Macromolecular Rapid Communications*, **2006**, 27, 993-997	4.8	21
163	Synthesis and Characterization of a Novel Class of PPV Derivatives Covalently Linked to C60. *Macromolecular Rapid Communications*, **2001**, 22, 1313-1318	4.8	21
162	Conjugated Polymer-Quantum Dot Hybrid Materials for Pathogen Discrimination and Disinfection. *ACS Applied Materials & Interfaces*, **2020**, 12, 21263-21269	9.5	21
161	Preparation of Gemini Surfactant/Conjugated Polymer Aggregates for Enhanced Fluorescence and Bioimaging Application. *ACS Applied Materials & Interfaces*, **2017**, 9, 23544-23554	9.5	20
160	Synthesis of Water-Soluble Dendritic Conjugated Polymers for Fluorescent DNA Assays. *Macromolecular Rapid Communications*, **2006**, 27, 1739-1745	4.8	20
159	In Situ Synthesis of Photoactive Polymers on a Living Cell Surface via Bio-Palladium Catalysis for Modulating Biological Functions. *Angewandte Chemie - International Edition*, **2021**, 60, 5759-5765	16.4	20
158	Two-Photon Absorption of Cationic Conjugated Polyelectrolytes: Effects of Aggregation and Application to 2-Photon-Sensitized Fluorescence from Green Fluorescent Protein. *Chemistry of Materials*, **2017**, 29, 3295-3303	9.6	18
157	Gemini Peptide Amphiphiles with Broad-Spectrum Antimicrobial Activity and Potent Antibiofilm Capacity. *ACS Applied Materials & Interfaces*, **2020**, 12, 17220-17229	9.5	18

156	Conjugated polymer nanoparticles for cell membrane imaging. *Chemistry - an Asian Journal*, **2014**, 9, 3121-4	4.5	18
155	DNA Condensation Induced by a Star-Shaped Hexameric Cationic Surfactant. *ACS Applied Materials & Interfaces*, **2017**, 9, 23333-23341	9.5	17
154	Conjugated Polymer Nanomaterials for Phototherapy of Cancer. *Chemical Research in Chinese Universities*, **2020**, 36, 237-242	2.2	17
153	Soft Particles of Gemini Surfactant/Conjugated Polymer for Enhanced Anticancer Activity of Chemotherapeutics. *ACS Applied Materials & Interfaces*, **2018**, 10, 37-41	9.5	17
152	Synthesis of Zwitterionic Water-Soluble Oligofluorenes with Good Light-Harvesting Ability. *Advanced Functional Materials*, **2010**, 20, 2175-2180	15.6	17
151	8-(4-aminophenyl)BODIPYs as fluorescent pH probes: facile synthesis, computational study and lysosome imaging. *ChemistrySelect*, **2016**, 1, 1-6	1.8	17
150	Degradable Supramolecular Photodynamic Polymer Materials for Biofilm Elimination.. *ACS Applied Bio Materials*, **2019**, 2, 2920-2926	4.1	16
149	In situ self-assembly of conjugated polyelectrolytes for cancer targeted imaging and photodynamic therapy. *Biomaterials Science*, **2020**, 8, 2156-2163	7.4	16
148	Remote-Controlling Potassium Channels in Living Cells through Photothermal Inactivation of Calmodulin. *Advanced Healthcare Materials*, **2018**, 7, e1800674	10.1	16
147	Tuning Antibacterial Activity of Cyclodextrin-Attached Cationic Ammonium Surfactants by a Supramolecular Approach. *ACS Applied Materials & Interfaces*, **2017**, 9, 31657-31666	9.5	16
146	Cationic conjugated polymers for detection and inactivation of pathogens. *Science China Chemistry*, **2017**, 60, 1567-1574	7.9	16
145	The self-assembly of [60]fullerene-substituted 2,2?-bipyridine on the surface of Au(111) and Au nanoparticles. *New Journal of Chemistry*, **2001**, 25, 1191-1194	3.6	16
144	Design of antibacterial peptide-like conjugated molecule with broad spectrum antimicrobial ability. *Science China Chemistry*, **2018**, 61, 113-117	7.9	16
143	Reactive Conjugated Polymers for the Modulation of Islet Amyloid Polypeptide Assembly. *ACS Applied Materials & Interfaces*, **2019**, 11, 22973-22978	9.5	15
142	Synthesis and labeling of □(2,9)-trisialic acid with cyanine dyes for imaging of glycan-binding receptors on living cells. *Chemical Communications*, **2015**, 51, 8606-9	5.8	15
141	Cyclometalated iridium(iii) complex nanoparticles for mitochondria-targeted photodynamic therapy. *Nanoscale*, **2020**, 12, 14061-14067	7.7	15
140	Electronic Tuning of Mixed Quinoidal-Aromatic Conjugated Polyelectrolytes: Direct Ionic Substitution on Polymer Main-Chains. *Angewandte Chemie - International Edition*, **2019**, 58, 17978-17985	16.4	15
139	Polythiophene□Peptide Biohybrid Assemblies for Enhancing Photoinduced Hydrogen Evolution. *Advanced Electronic Materials*, **2017**, 3, 1700161	6.4	15

138	Near-Infrared-Light Remote-Controlled Activation of Cancer Immunotherapy Using Photothermal Conjugated Polymer Nanoparticles. *Advanced Materials*, **2021**, 33, e2102570	24	15
137	Cationic Poly(p-phenylene vinylene) Materials as a Multifunctional Platform for Light-Enhanced siRNA Delivery. *Chemistry - an Asian Journal*, **2016**, 11, 2686-2689	4.5	15
136	Aggregates-Based Boronlectins with Pyrene as Fluorophore: Multichannel Discriminative Sensing of Monosaccharides and Their Applications. *ACS Applied Materials & Interfaces*, **2016**, 8, 12007-17	9.5	15
135	Conductive Polymer/Exoelectrogen Hybrid Bioelectrode with Improved Biofilm Formation and Extracellular Electron Transport. *Advanced Electronic Materials*, **2019**, 5, 1900320	6.4	14
134	Oligo(-phenylenevinylene) Derivative-Incorporated and Enzyme-Responsive Hybrid Hydrogel for Tumor Cell-Specific Imaging and Activatable Photodynamic Therapy. *ACS Biomaterials Science and Engineering*, **2018**, 4, 2037-2045	5.5	14
133	Conjugated Polymer Nanogel Binding Anticancer Drug through Hydrogen Bonds for Sustainable Drug Delivery.. *ACS Applied Bio Materials*, **2019**, 2, 6012-6020	4.1	14
132	Fabrication of novel conjugated polymer nanostructure: Porphyrins and fullerenes conjugately linked to the polyacetylene backbone as pendant groups. *Journal of Polymer Science Part A*, **2005**, 43, 2851-2861	2.5	14
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