

# Qingjiang Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,282  
citations

567281

15  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bright, multicoloured light-emitting diodes based on quantum dots. <i>Nature Photonics</i> , 2007, 1, 717-722.	31.4	1,042
2	Synthesis and electroluminescence of novel copolymers containing crown ether spacers. <i>Journal of Materials Chemistry</i> , 2003, 13, 800-806.	6.7	485
3	Polymer Light-Emitting Electrochemical Cells for High-Efficiency Low-Voltage Electroluminescent Devices. <i>Journal of Display Technology</i> , 2007, 3, 211-224.	1.2	131
4	Highly Efficient Quantum-Dot Light-Emitting Diodes with DNA-CTMA as a Combined Hole-Transporting and Electron-Blocking Layer. <i>ACS Nano</i> , 2009, 3, 737-743.	14.6	121
5	Synthesis and photovoltaic properties of two-dimension-conjugated D-A copolymers based on benzodithiophene or benzodifuran units. <i>Polymer Chemistry</i> , 2013, 4, 1474-1481.	3.9	55
6	Strand Displacement Amplification Reaction on Quantum Dot-Encoded Silica Bead for Visual Detection of Multiplex MicroRNAs. <i>Analytical Chemistry</i> , 2018, 90, 3482-3489.	6.5	51
7	Hybridization chain reactions on silica coated Qbeads for the colorimetric detection of multiplex microRNAs. <i>Chemical Communications</i> , 2017, 53, 4954-4957.	4.1	48
8	A molecular beacon microarray based on a quantum dot label for detecting single nucleotide polymorphisms. <i>Biosensors and Bioelectronics</i> , 2016, 77, 107-110.	10.1	33
9	Ligand displacement-induced fluorescence switch of quantum dots for ultrasensitive detection of cadmium ions. <i>Analytica Chimica Acta</i> , 2014, 812, 191-198.	5.4	32
10	A novel hyperbranched conjugated polymer for light emitting devices. <i>Polymers for Advanced Technologies</i> , 2004, 15, 43-47.	3.2	29
11	Ratiometric Quantum Dot-Ligand System Made by Phase Transfer for Visual Detection of Double-Stranded DNA and Single-Nucleotide Polymorphism. <i>Analytical Chemistry</i> , 2016, 88, 1768-1774.	6.5	29
12	Electroluminescent properties of a partially-conjugated hyperbranched poly(p-phenylene vinylene). <i>Polymers for Advanced Technologies</i> , 2006, 17, 145-149.	3.2	26
13	QD-Biopolymer-TSPP Assembly as Efficient BiFRET Sensor for Ratiometric and Visual Detection of Zinc Ion. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4725-4732.	8.0	26
14	Ligation-Rolling Circle Amplification on Quantum Dot-Encoded Microbeads for Detection of Multiplex G-Quadruplex-Forming Sequences. <i>Analytical Chemistry</i> , 2018, 90, 12051-12058.	6.5	22
15	Supramolecularly Assembled Ratiometric Fluorescent Sensory Nanosystem for "Traffic Light"-Type Lead Ion or pH Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30662-30669.	8.0	20
16	Effect of additives on the photovoltaic properties of organic solar cells based on triphenylamine-containing amorphous molecules. <i>Science China Chemistry</i> , 2014, 57, 966-972.	8.2	15
17	Quantum Dot Based Fluorescent Traffic Light Nanoprobe for Specific Imaging of Avidin-Type Biotin Receptor and Differentiation of Cancer Cells. <i>Analytical Chemistry</i> , 2019, 91, 8958-8965.	6.5	15
18	Synthesis and photovoltaic properties of a star-shaped molecule based on a triphenylamine core and branched terthiophene end groups. <i>Science China Chemistry</i> , 2013, 56, 997-1003.	8.2	14

#	ARTICLE	IF	CITATIONS
19	Deciphering optimal biostimulation strategy of supplementing anthocyanin-abundant plant extracts for bioelectricity extraction in microbial fuel cells. <i>Biotechnology for Biofuels</i> , 2019, 12, 46.	6.2	14
20	Quantum Dotsâ€“Ligand Complex as Ratiometric Fluorescent Nanoprobe for Visual and Specific Detection of G-Quadruplex. <i>Analytical Chemistry</i> , 2016, 88, 10411-10418.	6.5	13
21	A quantum dot-labelled aptamer/graphene oxide system for the construction of a half-adder and half-subtractor with high resetability. <i>Chemical Communications</i> , 2017, 53, 11181-11184.	4.1	13
22	Polymer light-emitting electrochemical cell based on a block copolymer containing tri(ethyleneoxide) spacers. <i>Polymers for Advanced Technologies</i> , 2002, 13, 663-669.	3.2	11
23	Fluorescent recognition of deoxyribonucleic acids by a quantum dot/meso-tetrakis(N-methylpyridinium-4-yl)porphyrin complex based on a photo induced electron-transfer mechanism. <i>Analytica Chimica Acta</i> , 2014, 812, 199-205.	5.4	11
24	Quantum dotâ€“phenanthroline dyads: detection of double-stranded DNA using a photoinduced hole transfer mechanism. <i>Analyst, The</i> , 2013, 138, 887-893.	3.5	10
25	Polymer light-emitting electrochemical cell based on a novel poly(aryleneethynylene) consisting of ethynylfluorene and tetraphenyldiaminobiphenyl units. <i>Polymers for Advanced Technologies</i> , 2004, 15, 70-74.	3.2	7
26	Synthesis and electroluminescent properties of a novel copolymer with short alternating conjugated and non-conjugated blocks. <i>Polymer International</i> , 2003, 52, 343-346.	3.1	6
27	Liposomal Spherical Nucleic Acid Scaffolded Site-Selective Hybridization of Nanoparticles for Visual Detection of MicroRNAs. <i>ACS Applied Bio Materials</i> , 2020, 3, 1656-1665.	4.6	3
28	Developing bright and color-saturated quantum dot light emitting diodes towards next generation displays and solid state lighting. , 2008, , .		0