

# Jinqing Qu

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,008  
citations

394390

19  
h-index

454934

30  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1372  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly selective and sensitive fluorescent chemosensor for detection of $\text{CN}^{\sim}$ , $\text{SO}_3^{\sim}$ and $\text{Fe}^{3+}$ based on aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , 2016, 4, 383-390.	5.5	93
2	A turn-on fluorescent chemosensor based on aggregation-induced emission for cyanide detection and its bioimaging applications. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126645.	7.8	63
3	Aggregation-Induced Emission-Active Near-Infrared Fluorescent Organic Nanoparticles for Noninvasive Long-Term Monitoring of Tumor Growth. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17081-17088.	8.0	62
4	Chitosan derivative corrosion inhibitor for aluminum alloy in sodium chloride solution: A green organic/inorganic hybrid. <i>Carbohydrate Polymers</i> , 2021, 265, 118074.	10.2	59
5	A new aggregation-induced emission active fluorescent probe for sensitive detection of cyanide. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1043-1049.	7.8	49
6	Self-Healing and Multistimuli-Responsive Hydrogels Formed via a Cooperation Strategy and Their Application in Detecting Biogenic Amines. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 27365-27373.	8.0	44
7	Metallo-supramolecular hydrogels based on amphiphilic polymers bearing a hydrophobic Schiff base ligand with rapid self-healing and multi-stimuli responsive properties. <i>Polymer Chemistry</i> , 2017, 8, 4680-4687.	3.9	37
8	Synthesis and properties of spray-applied high solid content two component polyurethane coatings based on polycaprolactone polyols. <i>Progress in Organic Coatings</i> , 2017, 106, 60-68.	3.9	36
9	Deep-Red AIE-Active Fluorophore for Hypochlorite Detection and Bioimaging in Live Cells. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 7735-7741.	3.7	35
10	Metallohydrogel with Tunable Fluorescence, High Stretchability, Shape-Memory, and Self-Healing Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 26346-26354.	8.0	34
11	A novel fluorescence probe based on triphenylamine Schiff base for bioimaging and responding to pH and $\text{Fe}^{3+}$ . <i>Materials Science and Engineering C</i> , 2017, 72, 551-557.	7.3	31
12	Synthesis and properties of ambient-curable non-isocyanate polyurethanes. <i>Progress in Organic Coatings</i> , 2018, 119, 116-122.	3.9	31
13	A new fluorescent probe based on styrylcyanine dye containing pyridine: dissimilar fluorescent response to $\text{Cu}^{2+}$ and $\text{Pb}^{2+}$ . <i>RSC Advances</i> , 2014, 4, 22613.	3.6	25
14	Synthesis and properties of fluorinated non-isocyanate polyurethanes coatings with good hydrophobic and oleophobic properties. <i>Journal of Coatings Technology Research</i> , 2019, 16, 1233-1241.	2.5	25
15	Multi-stimuli responsive hydrogels with shape memory and self-healing properties for information encryption. <i>European Polymer Journal</i> , 2020, 140, 110061.	5.4	24
16	Conductive Hydrogels with Ultrastretchability and Adhesiveness for Flame- and Cold-Tolerant Strain Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 26088-26098.	8.0	24
17	2-Thiohydantoin containing OH and NH recognition subunits: a fluoride ion selective colorimetric sensor. <i>New Journal of Chemistry</i> , 2013, 37, 1591.	2.8	23
18	Thiourea-functionalized poly(phenyleneethynylene): fluorescent chemosensors for anions and cations. <i>Polymer Chemistry</i> , 2013, 4, 4126.	3.9	20

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19	A fluorescent probe based on hydroxynaphthalene 2-cyanoacrylate: fluoride ion detection and its bio-imaging in live cells. <i>New Journal of Chemistry</i> , 2014, 38, 2941-2945.	2.8	19
20	A nucleic acid-specific fluorescent probe for nucleolus imaging in living cells. <i>Talanta</i> , 2019, 192, 212-219.	5.5	19
21	Sorbitol-based aqueous cyclic carbonate dispersion for waterborne nonisocyanate polyurethane coatings via an environment-friendly route. <i>Journal of Coatings Technology Research</i> , 2019, 16, 721-732.	2.5	19
22	Synthesis and photopolymerization of novel UV-curable macro-photoinitiators. <i>Progress in Organic Coatings</i> , 2020, 141, 105546.	3.9	18
23	Pyridine-Dicarbohydrazone-Based Polyacrylate Hydrogels with Strong Mechanical Property, Tunable/Force-Induced Fluorescence, and Thermal/pH Stimuli Responsiveness. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4512-4522.	4.4	18
24	Preparation of polyurea/melamine formaldehyde double-layered self-healing microcapsules and investigation on core fraction. <i>Journal of Microencapsulation</i> , 2016, 33, 307-314.	2.8	17
25	Two cyanoethylene-based fluorescence probes for highly efficient cyanide detection and practical applications in drinking water and living cells. <i>Talanta</i> , 2021, 234, 122615.	5.5	17
26	Precise design and synthesis of an AIE fluorophore with near-infrared emission for cellular bioimaging. <i>Materials Science and Engineering C</i> , 2018, 93, 399-406.	7.3	15
27	Synthesis and photoisomerization of poly(1-methylpropargyl ester)s carrying azobenzene moieties. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4749-4761.	2.3	13
28	Synthesis, Characterizations and Mechanical Properties of Microcapsules with Dual Shell of Polyurethane (PU)/Melamine Formaldehyde (MF): Effect of Different Chain Extenders. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 3591-3601.	3.7	13
29	A red fluorescent probe for ribonucleic acid (RNA) detection, cancer cell tracing and tumor growth monitoring. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 935-943.	7.8	13
30	Enhanced Fluorescence Quenching of 2-Thiohydantoin-Containing Conjugated Polymers: Applications for Ion Sensing. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1370-1377.	2.2	12
31	A photostable cationic fluorophore for long-term bioimaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9183-9188.	5.8	11
32	Self-emulsifying Hydroxy Acrylic Polymer Dispersions for Two Component Waterborne Polyurethane Coatings. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 368-374.	2.2	10
33	Fluorescent sensors based on quinoline-containing styrylcyanine: determination of ferric ions, hydrogen peroxide, and glucose, pH-sensitive properties and bioimaging. <i>Luminescence</i> , 2015, 30, 592-599.	2.9	10
34	Fluorescent probe based on heteroatom containing styrylcyanine: pH-sensitive properties and bioimaging in vivo. <i>Materials Science and Engineering C</i> , 2015, 52, 97-102.	7.3	8
35	Synthesis and properties of novel water-dispersible polyisocyanates. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	8
36	Real-time imaging of cancer cell generations and monitoring tumor growth using a nucleus-targeted red fluorescent probe. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2340-2346.	5.8	7

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37	Preparation and Properties of High Hardness Ultraviolet Curable Polyethylene Terephthalates Surface Coatings Modified with Octavinyl-Polyhedral Oligomeric Silsesquioxane. <i>Coatings</i> , 2018, 8, 411.	2.6	7
38	Schiffâ€baseâ€functionalized polymeric hydrogel with high stretchability and multifunction. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1844-1852.	3.2	7
39	Cellulose Derivatives Carrying Triphenylamine (TPA) Moieties: Synthesis and Electroâ€Optical Properties. <i>Macromolecular Bioscience</i> , 2009, 9, 563-567.	4.1	5
40	Synthesis and properties of multiarm star hydroxyl-terminated polyesters for two-component polyurethane coatings. <i>Journal of Coatings Technology Research</i> , 2017, 14, 505-516.	2.5	5
41	Synthesis and Electroâ€Optical Properties of a Novel DNAâ€Lipid Complex Carrying Carbazole Moieties. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 345-352.	2.2	3
42	Investigation on the mechanical properties of polyurea (PU)/melamine formaldehyde (MF) microcapsules prepared with different chain extenders. <i>Journal of Microencapsulation</i> , 2018, 35, 219-228.	2.8	3
43	Preparation of fiveâ€membered bis(cyclic carbonate)s at atmospheric pressure for polyhydroxyurethane coatings. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47957.	2.6	3
44	Synthesis and Chiroptical Properties of Poly(methylpropargyl ester)s Carrying Ferrocene Moieties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 46, 131-135.	2.2	2
45	Filmâ€formation of polyacrylate/silica composite latexes by solâ€gel process. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	2
46	Synthesis and properties of star-shaped polyesters for high-solid-content two-component polyurethane wood coatings. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 550-556.	2.2	2
47	Synthesis of UV-curable polyesters with lateral double bonds by ring-opening polymerization and their properties. <i>Journal of Coatings Technology Research</i> , 2021, 18, 1591-1601.	2.5	2
48	Preparation of UV-LED curable antifouling and flame retardant superhydrophobic coatings for polyethylene terephthalate surface protection. <i>Polymer Bulletin</i> , 2023, 80, 309-330.	3.3	2
49	Schiff base fluorescent hydrogel containing acylhydrazone structure and pyridine ring with multifunction. <i>Polymers for Advanced Technologies</i> , 0, , .	3.2	2
50	Synthesis and properties of water-dispersible polyisocyanates carrying sulfonate. <i>Journal of Coatings Technology Research</i> , 2020, 17, 345-359.	2.5	1