

# Yuguo

## List of Publications by Year in descending order

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58  
papers

2,573  
citations

172457

29  
h-index

189892

50  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesogen-jacketed liquid crystalline polymers. <i>Chemical Society Reviews</i> , 2010, 39, 3072.	38.1	202
2	Three-Dimensional Architectures for Highly Stable Pure Blue Emission. <i>Journal of the American Chemical Society</i> , 2007, 129, 11314-11315.	13.7	176
3	Single Microwire Transistors of Oligoarenes by Direct Solution Process. <i>Journal of the American Chemical Society</i> , 2007, 129, 12386-12387.	13.7	173
4	Discrete and polymeric self-assembled dendrimers: Hydrogen bond-mediated assembly with high stability and high fidelity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5099-5104.	7.1	170
5	Supramolecular Polymer Chemistry: A Self-Assembling Dendrimers Using the DDA-AAD (GC-like) Hydrogen Bonding Motif. <i>Journal of the American Chemical Society</i> , 2002, 124, 13757-13769.	13.7	170
6	Gradient Shape-Persistent $\pi$ -Conjugated Dendrimers for Light-Harvesting: Synthesis, Photophysical Properties, and Energy Funneling. <i>Journal of the American Chemical Society</i> , 2008, 130, 9952-9962.	13.7	122
7	Pressure-Induced Emission Enhancement of Carbazole: The Restriction of Intramolecular Vibration. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4191-4196.	4.6	95
8	Thin Film Organic Transistors from Air-Stable Heteroarenes: Anthra[1,2-b:4,3-b':5,6-b'':8,7-b''':a''']tetrathiophene Derivatives. <i>Organic Letters</i> , 2007, 9, 4187-4190. <sup>79</sup>	4.6	79
9	One-Dimensional Microwires Formed by the Co-Assembly of Complementary Aromatic Donors and Acceptors. <i>Advanced Functional Materials</i> , 2009, 19, 1746-1752.	14.9	74
10	Organic Semiconducting Materials from Sulfur-Hetero Benzo[ <i>k</i> ]fluoranthene Derivatives: Synthesis, Photophysical Properties, and Thin Film Transistor Fabrication. <i>Journal of Organic Chemistry</i> , 2008, 73, 5328-5339.	3.2	73
11	Highly Stable Chiral (A) <sub>6</sub> -B Supramolecular Copolymers: A Multivalency-Based Self-Assembly Process. <i>Journal of the American Chemical Society</i> , 2011, 133, 11124-11127.	13.7	62
12	Supramolecular polymer chemistry: design, synthesis, characterization, and kinetics, thermodynamics, and fidelity of formation of self-assembled dendrimers. <i>Tetrahedron</i> , 2002, 58, 825-843.	1.9	60
13	Nanosized Gradient $\pi$ -Conjugated Thienylethynylene Dendrimers for Light Harvesting: Synthesis and Properties. <i>Organic Letters</i> , 2006, 8, 2281-2284.	4.6	57
14	Chemical designs of functional photoactive molecular assemblies. <i>Chemical Society Reviews</i> , 2014, 43, 4199-4221.	38.1	55
15	Large Rigid Blue-Emitting $\pi$ -Conjugated Stilbenoid-Based Dendrimers: Synthesis and Properties. <i>Organic Letters</i> , 2006, 8, 4287-4290.	4.6	50
16	Recent advances in arylene ethynylene folding systems: Toward functioning. <i>Coordination Chemistry Reviews</i> , 2010, 254, 954-971.	18.8	50
17	A Mechanically Interlocked [3]Rotaxane as a Light-Harvesting Antenna: Synthesis, Characterization, and Intramolecular Energy Transfer. <i>Chemistry - A European Journal</i> , 2009, 15, 3585-3594.	3.3	49
18	Star-Shaped D-A Conjugated Molecules: Synthesis and Broad Absorption Bands. <i>Organic Letters</i> , 2009, 11, 863-866.	4.6	46

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19	New Bichromophoric Triplet Photosensitizer Designs and Their Application in Triplet-Triplet Annihilation Upconversion. <i>Advanced Optical Materials</i> , 2018, 6, 1700981.	7.3	46
20	Synthesis of Giant Rigid $\pi$ -Conjugated Dendrimers. <i>Organic Letters</i> , 2007, 9, 4539-4542.	4.6	45
21	Binuclear Heteroligated Titanium Catalyst Based on Phenoxyimine Ligands: Synthesis, Characterization, and Ethylene (Co)polymerization. <i>Macromolecules</i> , 2012, 45, 4054-4059.	4.8	45
22	Energy Transfer Dynamics in Triplet-Triplet Annihilation Upconversion Using a Bichromophoric Heavy-Atom-Free Sensitizer. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6673-6682.	2.5	40
23	Selective Oxidative Cyclization by FeCl <sub>3</sub> in the Construction of 10H-Indeno[1,2-b]triphenylene Skeletons in Polycyclic Aromatic Hydrocarbons. <i>Journal of Organic Chemistry</i> , 2006, 71, 6822-6828.	3.2	39
24	An ABC Stacking Supramolecular Discotic Columnar Structure Constructed via Hydrogen-Bonded Hexamers. <i>Chemistry of Materials</i> , 2004, 16, 2975-2977.	6.7	35
25	New Fused Heteroarenes for High-Performance Field-Effect Transistors. <i>Chemistry of Materials</i> , 2009, 21, 2595-2597.	6.7	35
26	Breath figure fabrication of honeycomb films with small molecules through hydrogen bond mediated self-assembly. <i>Soft Matter</i> , 2011, 7, 884.	2.7	34
27	Isomeric Effect on Microscale Self-Assembly: Interplay between Molecular Property and Solvent Polarity in the Formation of 1D Type Microbelts. <i>Chemistry - A European Journal</i> , 2008, 14, 7760-7764.	3.3	33
28	Pressure-Induced Emission Enhancement and Multicolor Emission for 1,2,3,4-Tetraphenyl-1,3-cyclopentadiene: Controlled Structure Evolution. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5557-5562.	4.6	33
29	Star-Shaped Donor-Acceptor Conjugated Molecules: Synthesis, Properties, and Modification of Their Absorptions Features. <i>Journal of Organic Chemistry</i> , 2010, 75, 3644-3655.	3.2	31
30	Three-Dimensional Shape-Persistent Fluorescent Nanocages: Facile Dynamic Synthesis, Photophysical Properties, and Surface Morphologies. <i>Chemistry - A European Journal</i> , 2008, 14, 3860-3865.	3.3	28
31	Energy Transfer in New D-A Conjugated Dendrimers: Their Synthesis and Photophysical Properties. <i>Organic Letters</i> , 2008, 10, 4271-4274.	4.6	28
32	Highly stable blue light-emitting materials with a three-dimensional architecture: improvement of charge injection and electroluminescence performance. <i>New Journal of Chemistry</i> , 2010, 34, 699.	2.8	28
33	Pressure-accelerated copper-free cycloaddition of azide and alkyne groups pre-organized in the crystalline state at room temperature. <i>Green Chemistry</i> , 2012, 14, 2703.	9.0	26
34	Aromatic Stacking Mediated Spin-Spin Coupling in Cyclophane-Assembled Diradicals. <i>Journal of the American Chemical Society</i> , 2021, 143, 17690-17700.	13.7	26
35	Shape-Persistent Elliptic Macrocycles Composed of Polycyclic Aromatic Hydrocarbons: Synthesis and Photophysical Properties. <i>Organic Letters</i> , 2008, 10, 2123-2126.	4.6	25
36	Cyclometalated iridium(III) complex nanoparticles for mitochondria-targeted photodynamic therapy. <i>Nanoscale</i> , 2020, 12, 14061-14067.	5.6	22

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37	Molecular Wires Based on Thienylethynylene: Synthesis, Photophysical Properties, and Excited-State Lifetime. <i>Organic Letters</i> , 2008, 10, 17-20.	4.6	21
38	Acid-responsive organogel mediated by arene-perfluoroarene and hydrogen bonding interactions. <i>Soft Matter</i> , 2012, 8, 5486.	2.7	19
39	9,9-Dimethyl Dihydroacridine-Based Organic Photocatalyst for Atom Transfer Radical Polymerization from Modifying Unstable Electron Donor. <i>Macromolecules</i> , 2020, 53, 7053-7062.	4.8	19
40	Metal-free 1,3-dipolar cycloaddition polymerization via prearrangement of azide and alkyne in the solid state. <i>CrystEngComm</i> , 2014, 16, 9983-9986.	2.6	15
41	Fast naked-eye detection of amines with viologen derivatives. <i>Supramolecular Chemistry</i> , 2013, 25, 344-348.	1.2	12
42	Self-assembly and phase separation of amphiphilic dyads based on 4,7-bis(2-thienyl)benzothiodiazole and perylene diimide. <i>RSC Advances</i> , 2014, 4, 13078.	3.6	12
43	From Two, to Three, to Multi-Color Switches: Developing AI-Generated Based Mechanochromic Materials. <i>ChemNanoMat</i> , 2017, 3, 569-574.	2.8	12
44	Visible responses under high pressure in crystals: phenolphthalein and its analogues with adjustable ring-opening threshold pressures. <i>Chemical Communications</i> , 2019, 55, 4663-4666.	4.1	11
45	Photocontrolled RAFT Polymerization Catalyzed by Conjugated Polymers under Aerobic Aqueous Conditions. <i>ACS Macro Letters</i> , 2021, 10, 996-1001.	4.8	11
46	Star-shaped polymers for DNA sequencing by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2011, 1218, 3037-3041.	3.7	10
47	Co-aggregation process of poly(ethylene oxide)-b-polybutadiene/poly(acrylic acid) based on evolution of interpolymer hydrogen bonding in solutions. <i>Polymer</i> , 2008, 49, 2099-2106.	3.8	9
48	Enhanced Triplet Sensitizing Ability of an Iridium Complex by Intramolecular Energy-Transfer Mechanism. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6963-6969.	2.5	9
49	Building a Cocrystal by Using Supramolecular Synthons for Pressure-Accelerated Heteromolecular Azide-Alkyne Cycloaddition. <i>Chemistry - A European Journal</i> , 2019, 25, 7142-7148.	3.3	9
50	Substituent Effects on Propylene Polymerization in Cyclic Bis(phenoxyaldimine) Titanium Catalysts. <i>Macromolecules</i> , 2020, 53, 10803-10812.	4.8	8
51	Stereoselectivity Inversion: Isospecific Propylene Polymerization Catalyzed by Rigid Cyclic Bis(phenoxyaldimine) Titanium Complexes. <i>Macromolecules</i> , 2020, 53, 3806-3813.	4.8	7
52	Facile ACQ-to-AIE transformation via diphenylphosphine (DPP) modification with versatile properties. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3560-3566.	5.5	7
53	Fluorescent probes that distinguish proteins with single or two close mercapto groups. <i>Talanta</i> , 2013, 116, 508-513.	5.5	5
54	Rapid mechanochemical preparation of a sandwich-like charge transfer complex. <i>CrystEngComm</i> , 2013, 15, 4413.	2.6	5

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55	Chiral eighteen-component three-dimensional supramolecular entities stabilized by the hydrogen bonding and coordination interactions. <i>Tetrahedron</i> , 2010, 66, 4057-4062.	1.9	3
56	Measuring the distance between two mercapto groups with an optical molecular ruler on the nanometer scale. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 15321.	2.8	3
57	Synthesis, solvent-dependent emission and two-photon absorption of a triangular $[D_3h]^{3-}$ macrocycle. <i>Organic Chemistry Frontiers</i> , 2017, 4, 737-742.	4.5	3
58	Reversible solubilisation through hydrogen-bond-mediated assembly. <i>Supramolecular Chemistry</i> , 2011, 23, 753-758.	1.2	1