

# Yong Yang

## List of Publications by Year in descending order

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27  
papers

2,409  
citations

759233

12  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pillararenes, A New Class of Macrocycles for Supramolecular Chemistry. <i>Accounts of Chemical Research</i> , 2012, 45, 1294-1308.	15.6	1,283
2	Development of Pseudorotaxanes and Rotaxanes: From Synthesis to Stimuli-Responsive Motions to Applications. <i>Chemical Reviews</i> , 2015, 115, 7398-7501.	47.7	719
3	Helical Molecular Duplex Strands: A Multiple Hydrogen-Bond-Mediated Assembly of Self-Complementary Oligomeric Hydrazide Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 4936-4946.	3.2	56
4	Multiple Hydrogen-Bond-Mediated Molecular Duplexes Based on the Self-Complementary Amidourea Motif. <i>Organic Letters</i> , 2010, 12, 3156-3159.	4.6	45
5	Noncovalent Synthesis of Shape-Persistent Cyclic Hexamers from Ditopic Hydrazide-Based Supramolecular Synthons and Asymmetric Induction of Supramolecular Chirality. <i>Journal of the American Chemical Society</i> , 2009, 131, 12657-12663.	13.7	42
6	Surface Functionalization of $g-C_3N_4$ : Molecular-Level Design of Noble-Metal-Free Hydrogen Evolution Photocatalysts. <i>Chemistry - A European Journal</i> , 2015, 21, 10290-10295.	3.3	42
7	Mutual Responsive Hydrazide-Based Low-Molecular-Mass Organic Gelators: Probing Gelation on the Molecular Level. <i>Chemistry - A European Journal</i> , 2008, 14, 5742-5746.	3.3	32
8	Hydrogen-Bonded Cyclic Tetramers Based on Ureidopyrimidinones Attached to a 3,6-Carbazolyl Spacer. <i>Organic Letters</i> , 2011, 13, 3186-3189.	4.6	32
9	Amidourea-Based Hydrogen-Bonded Heteroduplexes: Structure and Assembling Selectivity. <i>Journal of Organic Chemistry</i> , 2012, 77, 7815-7822.	3.2	18
10	Supramolecular Substitution Reactions between Hydrazide-Based Molecular Duplex Strands: Complexation Induced Nonsymmetry and Dynamic Behavior. <i>Journal of Organic Chemistry</i> , 2008, 73, 6369-6377.	3.2	17
11	Nanotoroidal tubule assembled from a functionalized oxalix[4]arene. <i>CrystEngComm</i> , 2010, 12, 3502.	2.6	17
12	Dynamic Decomposition/Recombination of Hydrogen Bonds in Molecular Duplex Strands. <i>Organic Letters</i> , 2007, 9, 4355-4357.	4.6	14
13	Synthesis, structure, and anion binding of functional oxalix[4]arenes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5075-5085.	2.8	12
14	Oxalix[4]arene-bridged pillar[5]arene dimers: syntheses, planar chirality and construction of chiral rotaxanes. <i>Chemical Communications</i> , 2020, 56, 10155-10158.	4.1	12
15	Hydrazide as An Excellent Hydrogen Bonding Building Block in Supramolecular Chemistry. <i>Current Organic Chemistry</i> , 2011, 15, 1302-1313.	1.6	11
16	A programmed hydrogen bonding array self-assembles into a polymeric zipper-like architecture. <i>New Journal of Chemistry</i> , 2006, 30, 140.	2.8	9
17	Selective head-to-tail recognition in hydrazide-based molecular duplex strands induced by spectator secondary electrostatic interactions. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4198.	2.8	8
18	Azacalix[2]arene[2]carbazoles: synthesis, structure and properties. <i>RSC Advances</i> , 2016, 6, 27988-27992.	3.6	8

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19	One-pot, highly efficient, cavity controllable synthesis and binding properties of carbazole-based macrocycles with sulfonamide linkages. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2345-2348.	4.5	7
20	Shape-Persistent Oxa- and Aza-calix[4]arene Hybrid Molecular Cage and Naked Eye Sensing of Fluoride. <i>Organic Letters</i> , 2021, 23, 6435-6438.	4.6	6
21	Control Self-Assembly of Hydrazide-Based Cyclic Hexamers: In or Out. <i>Scientific Reports</i> , 2013, 3, 1059.	3.3	5
22	Pillar[5]arene derivatives containing two dinitrophenyl rings: syntheses, conformations and the tubular self assembly in the solid state. <i>RSC Advances</i> , 2016, 6, 11488-11491.	3.6	5
23	A Cu <sup>2+</sup> -selective colorimetric-fluorometric sensor based on an anthracenyl-modified oxacalix[4]arene. <i>New Journal of Chemistry</i> , 2021, 45, 19219-19223.	2.8	4
24	Tuning the fluorescence of tetraphenylethylene in dilute solutions via modulating multiple-hydrogen-bonding interactions between a Hamilton receptor and cyanuric acid. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4429-4432.	2.8	3
25	Frontispiece: Surface Functionalization of g-C <sub>3</sub> N <sub>4</sub> : Molecular-Level Design of Noble-Metal-Free Hydrogen Evolution Photocatalysts. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	3.3	1
26	Determination of association constants and FRET in hydrazide-based molecular duplex strands. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2419-2425.	4.5	1
27	Bifurcated hydrogen bonding mediated planar 9,10-anthraquinone dyes: synthesis, structure and properties. <i>RSC Advances</i> , 2015, 5, 28932-28937.	3.6	0