

# Hengyi Zhang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Supramolecular Self-Assemblies of $\beta$ -Cyclodextrins with Aromatic Tethers: Factors Governing the Helical Columnar versus Linear Channel Superstructures. <i>Journal of Organic Chemistry</i> , 2003, 68, 8345-8352.	3.2	61
2	Selective Binding of Steroids by 2,2'-Biquinoline-4,4'-dicarboxamide-Bridged Bis( $\beta$ -cyclodextrin): Fluorescence Enhancement by Guest Inclusion. <i>Journal of Organic Chemistry</i> , 2003, 68, 3687-3690.	3.2	37
3	Cooperative Multiple Recognition by Novel Calix[4]arene-Tethered $\beta$ -Cyclodextrin and Calix[4]arene-Bridged Bis( $\beta$ -cyclodextrin). <i>Journal of Organic Chemistry</i> , 2001, 66, 7209-7215.	3.2	33
4	Synthesis of Phosphoryl-Tethered $\beta$ -Cyclodextrins and Their Molecular and Chiral Recognition Thermodynamics. <i>Journal of Organic Chemistry</i> , 2003, 68, 3646-3657.	3.2	31
5	Unimolecular half-adders and half-subtractors based on acid-base reaction. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2009, 4, 292-298.	0.4	24
6	Hyperbranched Supramolecular Polymer of Tris(permethylated $\beta$ -cyclodextrin)s with Porphyrins: Characterization and Magnetic Resonance Imaging. <i>Chinese Journal of Chemistry</i> , 2014, 32, 771-776.	4.9	21
7	Residue- and Sequence-Selective Binding of Nonaromatic Dipeptides by Bis( $\beta$ -cyclodextrin) with a Functional Tether. <i>ChemBioChem</i> , 2004, 5, 868-871.	2.6	19
8	Selectively Fluorescent Sensing Behavior of Phenylazacrown-5-triazolyl Coumarin for $\text{Hg}^{2+}$ and $\text{Fe}^{3+}$ in Alcohol and Aqueous Media Respectively. <i>Chinese Journal of Chemistry</i> , 2013, 31, 598-602.	4.9	17
9	Molecular Design of Crown Ethers. 19.1 Synthesis of Novel Disulfide- and Diselenide-Bridged Bis(benzo-12-crown-4)s and Their $\text{Ag}^+$ -Selective Electrode Properties. <i>Journal of Organic Chemistry</i> , 2000, 65, 2870-2874.	3.2	16
10	Molecular Design of Crown Ethers. 21.1.2 Synthesis of Novel Double-Armed Benzo-15-crown-5 Lariats and Their Complexation Thermodynamics with Light Lanthanoid Nitrates in Acetonitrile. <i>Journal of Organic Chemistry</i> , 2000, 65, 7105-7109.	3.2	15
11	Supramolecular vesicles of cationic gemini surfactants modulated by p-sulfonatocalix[4]arene. <i>Science China Chemistry</i> , 2012, 55, 2063-2068.	8.2	14
12	SELECTIVE ELECTRODE FOR SILVER BASED ON POLYMER MEMBRANES CONTAINING EXOCYCLIC CHALCOGEN ATOMS CALIX[4]ARENE AND CROWN ETHER. <i>Analytical Letters</i> , 2001, 34, 2237-2248.	1.8	10
13	Synthesis of $\beta$ -cyclodextrin-modified carbon nanocrystals and their fluorescent behavior. <i>Science Bulletin</i> , 2010, 55, 2835-2839.	1.7	9
14	Controllable self-assemblies of $\beta$ -cyclodextrin-calix[4]arene couples. <i>Science China Chemistry</i> , 2012, 55, 1092-1096.	8.2	5
15	Extensively Interlocked 2-D Supramolecular Architecture of Self-Adhesive Double-Tailed 1,3-Planar-2,4-upright-Calix[4]arene. <i>Chemistry Letters</i> , 2001, 30, 652-653.	1.3	2
16	Synthesis of perylene-bridged bis(dibenzo-24-crown-8) and its assembly behavior with a fullerene-based secondary dibenzylammonium salt. <i>Science China Chemistry</i> , 2010, 53, 1982-1986.	8.2	2