

Shanshan Yu

List of Publications by Year in descending order

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papers

549
citations

759233

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times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of a Fluorescent Sensor to Simultaneously Determine Both the Enantiomeric Composition and the Concentration of Chiral Functional Amines. <i>Journal of the American Chemical Society</i> , 2015, 137, 4517-4524.	13.7	108
2	Zn(II) promoted dramatic enhancement in the enantioselective fluorescent recognition of functional chiral amines by a chiral aldehyde. <i>Chemical Science</i> , 2014, 5, 3457-3462.	7.4	89
3	Self-Propelled and Targeted Drug Delivery of Poly(aspartic acid)/Iron(II)-Zinc Microrocket in the Stomach. <i>ACS Nano</i> , 2019, 13, 1324-1332.	14.6	57
4	Effective removal of inorganic and organic heavy metal pollutants with poly(amino acid)-based micromotors. <i>Nanoscale</i> , 2020, 12, 5227-5232.	5.6	45
5	Adaption of an autonomously cascade DNA circuit for amplified detection and intracellular imaging of polynucleotide kinase with ultralow background. <i>Biosensors and Bioelectronics</i> , 2020, 152, 111994.	10.1	26
6	A near-IR Fluorescent Probe for Enantioselective Recognition of Amino Acids in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2020, 85, 7342-7348.	3.2	21
7	Fluorescent Recognition of 1,2-Diamines by a 1,1'-Binaphthyl-Based Trifluoromethyl Ketone. <i>Chemistry - A European Journal</i> , 2016, 22, 12061-12067.	3.3	18
8	Enhanced Fluorescence of 3,3'-Diformyl BINOL by Functional Secondary Amines. <i>Organic Letters</i> , 2017, 19, 3779-3782.	4.6	16
9	Greatly Enhanced Fluorescence by Increasing the Structural Rigidity of an Imine: Enantioselective Recognition of 1,2-Cyclohexanediamine by a Chiral Aldehyde. <i>Chemistry - A European Journal</i> , 2016, 22, 5963-5968.	3.3	14
10	Ratiometric Fluorescence Sensors for 1,2-Diamines Based on Trifluoromethyl Ketones. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5868-5875.	2.4	13
11	Development of Aldehyde-Based Fluorescent Probes for Highly Selective Recognition of 1,3-Diaminopropane. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4990-4994.	2.4	13
12	From MonoBINOL to BisBINOL: Expanded Enantioselective Fluorescent Recognition of Amino Acids. <i>Journal of Organic Chemistry</i> , 2021, 86, 6780-6786.	3.2	13
13	Highly selective ratiometric fluorescent recognition of histidine by tetraphenylethene-terpyridine-Zn(II) complexes. <i>RSC Advances</i> , 2016, 6, 25319-25329.	3.6	12
14	Chemoselective and enantioselective fluorescent recognition of glutamic and aspartic acids. <i>Chemical Communications</i> , 2020, 56, 15012-15015.	4.1	12
15	Simultaneous Determination of Concentration and Enantiomeric Composition of Amino Acids in Aqueous Solution by Using a Tetrabromobinaphthyl Dialdehyde Probe. <i>Chemistry - A European Journal</i> , 2019, 25, 9967-9972.	3.3	10
16	Recognition of Chiral Amines by a Terpyridine-Zn(II) Complex-Based Circular Dichroism Sensor. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2338-2343.	2.4	9
17	Polymer Amplified Enantioselectivity in the Fluorescent Recognition of Prolinol. <i>Chemistry - A European Journal</i> , 2017, 23, 17678-17681.	3.3	9
18	O-Alkylation of 3-Formyl-BINOL and Its Strong Effect on the Fluorescence Recognition of 1,3-Diaminopropane. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4972-4977.	2.4	9

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19	Sulfonation of 3,3'-di(4-formylphenyl)BINOL for Enantioselective Fluorescent Recognition of Amino Acids in Water. <i>Chemistry - A European Journal</i> , 2020, 26, 7258-7262.	3.3	9
20	Fluorous-Phase-Based Chiral Assay with Circular Dichroism Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1413-1417.	2.4	6
21	Fluorescent Recognition of 1,3-Diaminopropane in the Fluorous Phase " Greatly Enhanced Sensitivity and Selectivity. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1053-1059.	2.4	6
22	A metal-free fluorescent probe for selective detection of histidine. <i>Tetrahedron</i> , 2021, 95, 132366.	1.9	6
23	Feature extraction of vigilance level based on Heart Rate Variability of Electrocardiogram. , 2011, , .		5
24	1,1'-Bi-2-naphthol-fluoroacetyl compounds in fluorescent recognition of amines. <i>Organic Chemistry Frontiers</i> , 2014, 1, 395-404.	4.5	5
25	Spectroscopic studies on the interaction of terpyridine-CuCl ₂ with cysteine. <i>RSC Advances</i> , 2015, 5, 53905-53910.	3.6	5
26	Semiquantitative Visual Chiral Assay with a Pseudoenantiomeric Fluorescent Sensor Pair. <i>Journal of Organic Chemistry</i> , 2021, 86, 9603-9609.	3.2	5
27	Fluorescent Recognition of Functional Secondary Amines in the Fluorous Phase. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2533-2538.	2.4	3
28	Opposite Enantioselectivity of Mg(II) Versus Zn(II) in the Fluorescent Recognition of Amino Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 4901-4905.	3.2	3
29	Enantioselective Fluorescent Recognition of β -Amino Alcohols by a Stereoselective Cyclization. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	2