

# Xuedan Wu

## List of Publications by Year in descending order

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20  
papers

469  
citations

840776

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752698

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22  
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22  
docs citations

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times ranked

512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Amino Acid Recognition: A Bisbinaphthyl-Based Fluorescent Probe with High Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 175-181.	13.7	108
2	Enantioselective Fluorescent Recognition in the Fluorous Phase: Enhanced Reactivity and Expanded Chiral Recognition. <i>Journal of the American Chemical Society</i> , 2015, 137, 3747-3750.	13.7	85
3	Two-Component Supramolecular Gels Derived from Amphiphilic Shape-Persistent Cyclo[6]aramides for Specific Recognition of Native Arginine. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11834-11839.	13.8	70
4	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
5	Biphasic Enantioselective Fluorescent Recognition of Amino Acids by a Fluorophilic Probe. <i>Chemistry - A European Journal</i> , 2019, 25, 7866-7873.	3.3	19
6	Enantioselective Alkyne Addition to Aliphatic, Aromatic, and Vinyl Aldehydes Using Zn, $\text{Pr}_1\text{H}_8\text{BINOL}$ , and $\text{Ti}(\text{O}^i\text{Pr})_4$ . <i>Journal of Organic Chemistry</i> , 2015, 80, 11480-11484.	3.2	17
7	Mechanistic Study on a BINOL-Coumarin-Based Probe for Enantioselective Fluorescent Recognition of Amino Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 6352-6358.	3.2	16
8	Enantioselective Sensing in the Fluorous Phase for Catalyst Screening: Application of a Racemic Fluorescent Probe. <i>Journal of Organic Chemistry</i> , 2021, 86, 4607-4615.	3.2	16
9	A Highly Fluorinated Chiral Aldehyde for Enantioselective Fluorescent Recognition in a Biphasic System. <i>Chemistry - A European Journal</i> , 2017, 23, 10749-10752.	3.3	14
10	Excitation of One Fluorescent Probe at Two Different Wavelengths to Determine the Concentration and Enantiomeric Composition of Amino Acids. <i>Organic Letters</i> , 2019, 21, 9036-9039.	4.6	14
11	A Lewis acid activated reaction of Zn with EtI to promote highly enantioselective alkyne additions to aldehydes. <i>Chemical Communications</i> , 2015, 51, 358-361.	4.1	12
12	Catalytic Asymmetric Addition of Alkyl and Aryl Alkynes to $\text{N}(\text{Diphenylphosphinoyl})\text{imines}$ . <i>Journal of Organic Chemistry</i> , 2016, 81, 8900-8905.	3.2	10
13	Determining the concentration and enantiomeric composition of histidine using one fluorescent probe. <i>Chemical Communications</i> , 2021, 57, 587-590.	4.1	10
14	Sulfonation of 3,3'-di-formyl-BINOL for Enantioselective Fluorescent Recognition of Amino Acids in Water. <i>Chemistry - A European Journal</i> , 2020, 26, 7258-7262.	3.3	9
15	Development of Novel 18F-PET Agents for Tumor Hypoxia Imaging. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5593-5602.	6.4	9
16	A far-red aza-crown ether fluorescent probe for selective G-quadruplex DNA targeting. <i>Dyes and Pigments</i> , 2020, 176, 108222.	3.7	7
17	Potassium Iodide Nanoparticles Enhance Radiotherapy against Breast Cancer by Exploiting the Sodium-Iodide Symporter. <i>ACS Nano</i> , 2021, 15, 17401-17411.	14.6	7
18	Highly selective fluorescent recognition of glutathione by using a water soluble binaphthyl aldehyde. <i>Tetrahedron Letters</i> , 2017, 58, 1781-1783.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Simple and Efficient One-Step Synthesis of a Highly Enantioselective Catalyst 3,3'-Di(pyrrolidinylmethyl)-H <sub>8</sub> BINOL. Synthetic Communications, 2015, 45, 1541-1545.	2.1	3
20	The Synthesis and Initial Evaluation of MerTK Targeted PET Agents. Molecules, 2022, 27, 1460.	3.8	0