

Xuedan Wu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

469
citations

840776

11
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

512
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Synthesis and Initial Evaluation of MerTK Targeted PET Agents. <i>Molecules</i> , 2022, 27, 1460. | 3.8 | 0 |
| 2 | Determining the concentration and enantiomeric composition of histidine using one fluorescent probe. <i>Chemical Communications</i> , 2021, 57, 587-590. | 4.1 | 10 |
| 3 | 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 |
| 4 | Development of Novel 18F-PET Agents for Tumor Hypoxia Imaging. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5593-5602. | 6.4 | 9 |
| 5 | 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 |
| 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 | Sulfonation of 3,3'-diisopropylidene-BINOL for Enantioselective Fluorescent Recognition of Amino Acids in Water. <i>Chemistry - A European Journal</i> , 2020, 26, 7258-7262. | 3.3 | 9 |
| 8 | 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 |
| 9 | 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 |
| 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 | Biphasic Enantioselective Fluorescent Recognition of Amino Acids by a Fluorophilic Probe. <i>Chemistry - A European Journal</i> , 2019, 25, 7866-7873. | 3.3 | 19 |
| 12 | 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 |
| 13 | Highly selective fluorescent recognition of glutathione by using a water soluble binaphthyl aldehyde. <i>Tetrahedron Letters</i> , 2017, 58, 1781-1783. | 1.4 | 5 |
| 14 | 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 |
| 15 | Catalytic Asymmetric Addition of Alkyl and Aryl Alkynes to <i>N</i> -(Diphenylphosphino)imines. <i>Journal of Organic Chemistry</i> , 2016, 81, 8900-8905. | 3.2 | 10 |
| 16 | Enantioselective Alkyne Addition to Aliphatic, Aromatic, and Vinyl Aldehydes Using Zn, ⁱ Pr, H ₈ BINOL, and Ti(O ⁱ Pr) ₄ . <i>Journal of Organic Chemistry</i> , 2015, 80, 11480-11484. | 3.2 | 17 |
| 17 | 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 |
| 18 | Simple and Efficient One-Step Synthesis of a Highly Enantioselective Catalyst 3,3'-Di(pyrrolidinylmethyl)-H ₈ BINOL. <i>Synthetic Communications</i> , 2015, 45, 1541-1545. | 2.1 | 3 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | 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 |