

Qihua Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Unusual temperature-range-tunable fluorescence characteristic of C6-unsubstituted tetrahydro-pyrimidines: Influence factors, sensitivity evaluation and application in different temperature ranges. <i>Dyes and Pigments</i> , 2022, 197, 109912.	3.7	2
2	A simple iodine- <i>o</i> -DMSO-promoted multicomponent reaction for the synthesis of 2,4-disubstituted dihydrotriazole-3-ones. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3721-3725.	2.8	6
3	Through-bond/space conjugated nonaromatic dihydrobenzoquinolines: Luminogens with simple synthesis method, strong aggregation-induced emission and emissive excimers. <i>Dyes and Pigments</i> , 2022, 205, 110543.	3.7	3
4	Self-reversible mechanofluorochromism of AIE-active C6-unsubstituted tetrahydropyrimidine derivatives. <i>RSC Advances</i> , 2021, 11, 15-22.	3.6	5
5	Highly Efficient Multifunctional Organic Photosensitizer with Aggregation-Induced Emission for <i>In Vivo</i> Bioimaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54783-54793.	8.0	20
6	Optical Characteristics and Applications of AIE Racemic C6-Unsubstituted Tetrahydropyrimidines. <i>Frontiers in Chemistry</i> , 2021, 9, 800177.	3.6	2
7	Determining the Critical Micelle Concentration of Surfactants by a Simple and Fast Titration Method. <i>Analytical Chemistry</i> , 2020, 92, 4259-4265.	6.5	48
8	Water- <i>o</i> -DMSO-promoted one-pot synthesis of two new series of dihydropyrrolo[2,3- <i>h</i>]quinolines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 215-219.	2.8	10
9	Discovery of dihydropyrrolidones as novel inhibitors against influenza A virus. <i>European Journal of Medicinal Chemistry</i> , 2020, 199, 112334.	5.5	10
10	A series of octahydroquinazoline-5-ones as novel inhibitors against dengue virus. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112318.	5.5	11
11	Influence factors on the critical micelle concentration determination using pyrene as a probe and a simple method of preparing samples. <i>Royal Society Open Science</i> , 2020, 7, 192092.	2.4	34
12	Discovery of Dihydropyrrol-2-ones as Novel G0/G1-Phase Arresting Agents Inducing Apoptosis. <i>ACS Omega</i> , 2019, 4, 17556-17560.	3.5	14
13	Aggregation-induced emission and reversible mechanofluorochromic characteristics of tetra-substituted tetrahydropyrimidine derivatives. <i>Dyes and Pigments</i> , 2019, 166, 8-14.	3.7	10
14	Insight into structural influences on the optical properties and heteroenantiomeric self-assembly of racemic C6-unsubstituted tetrahydropyrimidines with strong aggregation-induced emission. <i>Dyes and Pigments</i> , 2019, 162, 543-551.	3.7	8
15	A hydrophobic organelle probe based on aggregation-induced emission: Nanosuspension preparation and direct use for endoplasmic reticulum imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 231-238.	3.9	19
16	Q63, a novel DENV2 RdRp non-nucleoside inhibitor, inhibited DENV2 replication and infection. <i>Journal of Pharmacological Sciences</i> , 2018, 138, 247-256.	2.5	26
17	Sensitive mechanofluorochromism based on conversion of paired and unpaired enantiomer packing modes. <i>Dyes and Pigments</i> , 2017, 145, 391-398.	3.7	14
18	One-Pot Synthesis and Structure-Property Relationship of Aminomaleimides: Fluorescence Efficiencies in Monomers and Aggregates Easily Tuned by Switch of Aryl and Alkyl. <i>Journal of Organic Chemistry</i> , 2017, 82, 1096-1104.	3.2	43

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19	Synthesis of pyrrolo[1,2-a]quinoxalines via copper or iron-catalyzed aerobic oxidative carboamination of sp ³ C-H bonds. RSC Advances, 2017, 7, 44132-44135.	3.6	23
20	Acid-mediated sulfonylation of arylethynylene bromides with sodium arylsulfonates: synthesis of (E)-1,2-bis(arylsulfonyl)ethylenes and arylacetylenic sulfones. RSC Advances, 2017, 7, 36112-36116.	3.6	25
21	Racemates Have Much Higher Solid-State Fluorescence Efficiency than Their Levo- and Dextrorotary Enantiomers. Journal of Physical Chemistry C, 2017, 121, 25503-25508.	3.1	10
22	Gli-1/PI3K/AKT/NF-κB pathway mediates resistance to radiation and is a target for reversion of responses in refractory acute myeloid leukemia cells. Oncotarget, 2016, 7, 33004-33015.	1.8	59
23	Efficient Synthesis of a Series of Novel Octahydroquinazoline-5-ones via a Simple on-Water Urea-Catalyzed Chemoselective Five-Component Reaction. ACS Combinatorial Science, 2016, 18, 475-481.	3.8	24
24	Higher EZH2 expression is associated with extramedullary infiltration in acute myeloid leukemia. Tumor Biology, 2016, 37, 11409-11420.	1.8	10
25	Antibacterial activity of silver nanoparticles with different morphologies as well as their possible antibacterial mechanism. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	24
26	Reversible thermo-stimulus solid-state fluorescence-colour/on-off switching and uses as sensitive fluorescent thermometers in different temperature ranges. Journal of Materials Chemistry C, 2016, 4, 7383-7386.	5.5	34
27	A series of sensitive and visible fluorescence-turn-on probes for CMC of ionic surfactants: Design, synthesis, structure influence on CMC and sensitivity, and fast detection via a plate reader and a UV light. Sensors and Actuators B: Chemical, 2015, 219, 251-260.	7.8	34
28	Insight into the strong aggregation-induced emission of low-conjugated racemic C6-unsubstituted tetrahydropyrimidines through crystal-structure-property relationship of polymorphs. Chemical Science, 2015, 6, 4690-4697.	7.4	59
29	Molecular Mechanism and Optimal Treatment Strategy in Acute Myeloid Leukemia with Resistance to Drugs and Radiation By NVP-LED225. Blood, 2015, 126, 3691-3691.	1.4	2
30	A sensitive and visible fluorescence-turn-on probe for the CMC determination of ionic surfactants. Chemical Communications, 2014, 50, 1107-1109.	4.1	56
31	Synthesis of fused pyrrolo[3,4-d]tetrahydropyrimidine derivatives by proline-catalyzed multicomponent reaction. Tetrahedron, 2014, 70, 4379-4385.	1.9	30
32	Decitabine Act As Demethylation Modulators in Acute Myeloid Leukemia for Reversal of Drug Resistance. Blood, 2014, 124, 5218-5218.	1.4	0
33	Copper-induced fluorescence enhancement and particle-size decrease of a C-6 unsubstituted tetrahydropyrimidine racemate. RSC Advances, 2013, 3, 13286.	3.6	13
34	A New Series of C6 Unsubstituted Tetrahydropyrimidines: Convenient One-Pot Chemoselective Synthesis, Aggregation-Induced and Size-Independent Emission Characteristics. Chemistry - A European Journal, 2013, 19, 1268-1280.	3.3	53
35	Development of Four-Component Synthesis of Tetra- and Pentasubstituted Polyfunctional Dihydropyrroles: Free Permutation and Combination of Aromatic and Aliphatic Amines. ACS Combinatorial Science, 2013, 15, 183-192.	3.8	53
36	Design, synthesis and structure-activity relationship of novel inhibitors against H5N1 hemagglutinin-mediated membrane fusion. European Journal of Medicinal Chemistry, 2012, 57, 211-216.	5.5	31

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37	A novel class of small-molecule caspase-3 inhibitors prepared by multicomponent reactions. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 232-238.	5.5	50
38	Practical synthesis and mechanistic study of polysubstituted tetrahydropyrimidines with use of domino multicomponent reactions. <i>Tetrahedron</i> , 2009, 65, 4604-4613.	1.9	66
39	Concise and Versatile Multicomponent Synthesis of Multisubstituted Polyfunctional Dihydropyrroles. <i>ACS Combinatorial Science</i> , 2009, 11, 685-696.	3.3	105
40	l-Proline-catalyzed synthesis of highly functionalized multisubstituted 1,4-dihydropyridines. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4943.	2.8	51
41	Development, Scope and Mechanisms of Multicomponent Reactions of Asymmetric Electron-Deficient Alkynes with Amines and Formaldehyde. <i>Chemistry - A European Journal</i> , 2008, 14, 11623-11633.	3.3	56
42	Convenient One-Pot Synthesis of Multisubstituted Tetrahydropyrimidines via Catalyst-Free Multicomponent Reactions. <i>Organic Letters</i> , 2007, 9, 4111-4113.	4.6	92