Qiuhua Zhu

List of Publications by Year
in descending order

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42 papers	1,245 citations	304743 22 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	1365 citing authors

#	Article	IF	Citations
1	Concise and Versatile Multicomponent Synthesis of Multisubstituted Polyfunctional Dihydropyrroles. ACS Combinatorial Science, 2009, 11, 685-696.	3.3	105
2	Convenient One-Pot Synthesis of Multisubstituted Tetrahydropyrimidines via Catalyst-Free Multicomponent Reactions. Organic Letters, 2007, 9, 4111-4113.	4.6	92
3	Practical synthesis and mechanistic study of polysubstituted tetrahydropyrimidines with use of domino multicomponent reactions. Tetrahedron, 2009, 65, 4604-4613.	1.9	66
4	Insight into the strong aggregation-induced emission of low-conjugated racemic C6-unsubstituted tetrahydropyrimidines through crystal-structureâ€“property relationship of polymorphs. Chemical Science, 2015, 6, 4690-4697.	7.4	59
5	Gli-1/PI3K/AKT/NF-kB 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
6	Development, Scope and Mechanisms of Multicomponent Reactions of Asymmetric Electronâ€Deficient Alkynes with Amines and Formaldehyde. Chemistry - A European Journal, 2008, 14, 11623-11633.	3.3	56
7	A sensitive and visible fluorescence-turn-on probe for the CMC determination of ionic surfactants. Chemical Communications, 2014, 50, 1107-1109.	4.1	56
8	A New Series of Câ€6 Unsubstituted Tetrahydropyrimidines: Convenient Oneâ€Pot Chemoselective Synthesis, Aggregationâ€Induced and Sizeâ€Independent Emission Characteristics. Chemistry - A European Journal, 2013, 19, 1268-1280.	3.3	53
9	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
10	l-Proline-catalyzed synthesis of highly functionalized multisubstituted 1,4-dihydropyridines. Organic and Biomolecular Chemistry, 2009, 7, 4943.	2.8	51
11	A novel class of small-molecule caspase-3 inhibitors prepared by multicomponent reactions. European Journal of Medicinal Chemistry, 2012, 54, 232-238.	5.5	50
12	Determining the Critical Micelle Concentration of Surfactants by a Simple and Fast Titration Method. Analytical Chemistry, 2020, 92, 4259-4265.	6.5	48
13	One-Pot Synthesis and Structureâ€“Property Relationship of Aminomaleimides: Fluorescence Efficiencies in Monomers and Aggregates Easily Tuned by Switch of Aryl and Alkyl. Journal of Organic Chemistry, 2017, 82, 1096-1104.	3.2	43
14	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
15	Reversible thermo-stimulus solid-state fluorescence-colour/onâ€“off switching and uses as sensitive fluorescent thermometers in different temperature ranges. Journal of Materials Chemistry C, 2016, 4, 7383-7386.	5.5	34
16	Influence factors on the critical micelle concentration determination using pyrene as a probe and a simple method of preparing samples. Royal Society Open Science, 2020, 7, 192092.	2.4	34
17	Design, synthesis and structureâ€“activity relationship of novel inhibitors against H5N1 hemagglutinin-mediated membrane fusion. European Journal of Medicinal Chemistry, 2012, 57, 211-216.	5.5	31
18	Synthesis of fused pyrrolo[3,4-d]tetrahydropyrimidine derivatives by proline-catalyzed multicomponent reaction. Tetrahedron, 2014, 70, 4379-4385.	1.9	30

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19	Q63, a novel DENV2 RdRp non-nucleoside inhibitor, inhibited DENV2 replication and infection. Journal of Pharmacological Sciences, 2018, 138, 247-256.	2.5	26
20	Acid-mediated sulfonylation of arylethynylene bromides with sodium arylsulfinates: synthesis of (E)-1,2-bis(arylsulfonyl)ethylenes and arylacetylenic sulfones. RSC Advances, 2017, 7, 36112-36116.	3.6	25
21	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
22	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
23	Synthesis of pyrrolo[1,2-a]quinoxalines via copper or iron-catalyzed aerobic oxidative carboamination of sp³Câ€“H bonds. RSC Advances, 2017, 7, 44132-44135.	3.6	23
24	Highly Efficient Multifunctional Organic Photosensitizer with Aggregation-Induced Emission for In Vivo Bioimaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2021, 13, 54783-54793.	8.0	20
25	A hydrophobic organelle probe based on aggregation-induced emission: Nanosuspension preparation and direct use for endoplasmic reticulum imaging in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 231-238.	3.9	19
26	Sensitive mechanofluorochromism based on conversion of paired andÂunpaired enantiomer packing modes. Dyes and Pigments, 2017, 145, 391-398.	3.7	14
27	Discovery of Dihydropyrrol-2-ones as Novel G0/G1-Phase Arresting Agents Inducing Apoptosis. ACS Omega, 2019, 4, 17556-17560.	3.5	14
28	Copper-induced fluorescence enhancement and particle-size decrease of a C-6 unsubstituted tetrahydropyrimidine racemate. RSC Advances, 2013, 3, 13286.	3.6	13
29	A series of octahydroquinazoline-5-ones as novel inhibitors against dengue virus. European Journal of Medicinal Chemistry, 2020, 200, 112318.	5.5	11
30	Higher EZH2 expression is associated with extramedullary infiltration in acute myeloid leukemia. Tumor Biology, 2016, 37, 11409-11420.	1.8	10
31	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
32	Aggregation-induced emission and reversible mechanofluorochromic characteristics of tetra-substituted tetrahydropyrimidine derivatives. Dyes and Pigments, 2019, 166, 8-14.	3.7	10
33	Waterâ€“DMSO-promoted one-pot synthesis of two new series of dihydropyrrolo[2,3-h]quinolines. Organic and Biomolecular Chemistry, 2020, 18, 215-219.	2.8	10
34	Discovery of dihydropyrrolidones as novel inhibitors against influenza A virus. European Journal of Medicinal Chemistry, 2020, 199, 112334.	5.5	10
35	Insight into structural influences on the optical properties and heteroenantiomeric self-assembly of racemic C6-unsubstituted tetrahydropyrimidines with strong aggregation-induced emission. Dyes and Pigments, 2019, 162, 543-551.	3.7	8
36	A simple iodineâ€“DMSO-promoted multicomponent reaction for the synthesis of 2,4-disubstituted dihydrotriazole-3-ones. Organic and Biomolecular Chemistry, 2022, 20, 3721-3725.	2.8	6

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37	Self-reversible mechanofluorochromism of AIE-active C6-unsubstituted tetrahydropyrimidine derivatives. RSC Advances, 2021, 11, 15-22.	3.6	5
38	Through-bond/space conjugated nonaromatic dihydrobenzoquinolines: Luminogens with simple synthesis method, strong aggregation-induced emission and emissive excimers. Dyes and Pigments, 2022, 205, 110543.	3.7	3
39	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
40	Unusual temperature-range-tunable fluorescence characteristic of C6-unsubstituted tetrahydro-pyrimidines: Influence factors, sensitivity evaluation and application in different temperature ranges. Dyes and Pigments, 2022, 197, 109912.	3.7	2
41	Optical Characteristics and Applications of AIE Racemic C6-Unsubstituted Tetrahydropyrimidines. Frontiers in Chemistry, 2021, 9, 800177.	3.6	2
42	Decitabine Act As Demethylation Modulators in Acute Myeloid Leukemia for Reversal of Drug Resistance. Blood, 2014, 124, 5218-5218.	1.4	0