

Hui Zhang

List of Publications by Year in descending order

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48
papers

1,685
citations

567281

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all docs

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docs citations

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times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino Acid Promoted CuI-Catalyzed C-N Bond Formation between Aryl Halides and Amines or N-Containing Heterocycles. <i>Journal of Organic Chemistry</i> , 2005, 70, 5164-5173.	3.2	615
2	Mild Method for Ullmann Coupling Reaction of Amines and Aryl Halides. <i>Organic Letters</i> , 2003, 5, 2453-2455.	4.6	387
3	L-Proline-Promoted CuI-Catalyzed C-S Bond Formation between Aryl Iodides and Thiols. <i>Synthetic Communications</i> , 2007, 37, 25-35.	2.1	75
4	Mild and Efficient One-Pot Synthesis of 2-(Perfluoroalkyl)indoles by Means of Sequential Michael-Type Addition and Pd(II)-Catalyzed Cross-Dehydrogenative Coupling (CDC) Reaction. <i>Organic Letters</i> , 2015, 17, 3283-3285.	4.6	52
5	A simple and convenient synthesis of 2-(perfluoroalkyl)-4H-chromenes from salicyl N-tosylimines or salicylaldehydes and methyl 2-perfluoroalkynoates. <i>Tetrahedron</i> , 2009, 65, 9152-9156.	1.9	42
6	A facile preparation of trans-1,2-cyclopropanes containing p-trifluoromethylphenyl group and its application to the construction of pyrazole and cyclopropane ring fused pyridazinone derivatives. <i>Tetrahedron</i> , 2008, 64, 6670-6674.	1.9	37
7	Stereoselective synthesis of highly substituted trans-2,3-dihydrofuran and trans-1,2-cyclopropane derivatives containing sulfonyl groups. <i>Tetrahedron</i> , 2008, 64, 163-167.	1.9	36
8	Scope and regioselectivity of the 1,3-dipolar cycloaddition of azides with methyl 2-perfluoroalkynoates for an easy, metal-free route to perfluoroalkylated 1,2,3-triazoles. <i>Journal of Fluorine Chemistry</i> , 2012, 133, 146-154.	1.7	32
9	First one-pot stereoselective synthesis of cis-2,3-dihydro-4-perfluoroalkyl-1H-1,5-benzodiazepines via a catalyst-free three-component reaction. <i>Chemical Communications</i> , 2011, 47, 3607.	4.1	30
10	A novel and facile synthesis of 2,3-dihydrofuran derivatives containing trifluoromethyl group. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 207-210.	1.7	27
11	Copper(I)-Catalyzed Coupling Cyclization of Methyl Perfluoroalkynoates with Aminobenzonitriles: Synthesis of Perfluoroalkylated Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1345-1350.	4.3	25
12	Facile Synthesis of (Perfluoroalkyl)indoles through a Michael Addition/CuI-Catalyzed Annulation Process. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2460-2467.	2.4	21
13	A facile stereoselective synthesis of 2-perfluoroalkyl-3a,4,5,6-tetrahydroimidazo[1,5-b]isoxazoles. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 295-300.	1.7	20
14	Highly stereoselective synthesis of trans-4-trifluoromethylsulfonyl-2,3-dihydrofurans from arsonium ylides and (E)-1-trifluoromethylsulfonyl-1,2-unsaturated ketones. <i>Tetrahedron</i> , 2010, 66, 6181-6187.	1.9	16
15	Convenient synthesis of perfluoroalkyl substituted 2-oxopyridine-fused 1,3-diazaheterocycles via a one-pot three-component reaction. <i>Tetrahedron</i> , 2013, 69, 4270-4275.	1.9	15
16	CuII-Promoted Aerobic Cascade Reactions of Alkynylanilines with Methyl Perfluoroalkynoates: En Route to 4-Carbonyl-2-perfluoroalkylquinolines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2061-2065.	2.4	15
17	Copper(I)-Catalyzed Intermolecular Cyclization of Methyl Perfluoroalkynoates with o-Aminophenyl Ketones: Access to Perfluoroalkylated Quinolines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 8323-8329.	2.4	13
18	An efficient one-pot three-component process for the synthesis of highly substituted perfluoroalkylated cyclopentadienes. <i>Tetrahedron</i> , 2013, 69, 4205-4210.	1.9	13

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19	Facile diastereoselective synthesis of cis-perfluoroalkylated fused [1,3]oxazines from aromatic aldehydes, methyl perfluoroalk-2-ynoates and quinolines. <i>Tetrahedron</i> , 2015, 71, 622-629.	1.9	13
20	Copper-Catalyzed C-H Alkynylation/Intramolecular Cyclization Cascade for the First Synthesis of Trifluoromethylated Pyrrolo[1,2-a]quinolines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2959-2965.	2.4	13
21	Base-promoted [3+2] cycloaddition/aromatization cascade reaction under air: An approach to access perfluoroalkylated pyrrolo[2,1-a]isoquinolines. <i>Journal of Fluorine Chemistry</i> , 2019, 222-223, 51-58.	1.7	13
22	Potassium Iodide-Promoted One-Pot Synthesis of Fluoroalkylated Quinoxalines via a Tandem Michael Addition/Azidation/Cycloamination Approach. <i>Journal of Organic Chemistry</i> , 2018, 83, 9422-9429.	3.2	12
23	Preparation of 4-Aryl-1,1-trifluoro-3-tosylbut-3-en-2-ones as Fluorinated Building Blocks and Their Application in Ready and Highly Stereoselective Routes to trans-2,3-Dihydrofurans Substituted with Trifluoromethyl and Sulfonyl Groups. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3142-3150.	2.4	11
24	Synthesis of Organofluoro Compounds Using Methyl Perfluoroalk-2-ynoates as Building Blocks. <i>Chemical Record</i> , 2016, 16, 907-923.	5.8	11
25	An efficient and highly stereoselective synthesis of novel trifluoromethylated trans-dihydrofuro[2,3-c]pyrazoles using arsonium ylides. <i>Tetrahedron</i> , 2012, 68, 2121-2127.	1.9	10
26	Facile synthesis of 2-perfluoroalkylated benzoxazolines and benzothiazolines. <i>Journal of Fluorine Chemistry</i> , 2013, 151, 20-25.	1.7	10
27	Three-component synthesis of 2-amino-3-cyano-5-oxo-4-perfluoroalkyl-5,6,7,8-tetrahydro-4H-chromene derivatives. <i>Tetrahedron</i> , 2013, 69, 6121-6128.	1.9	10
28	Efficient synthesis of perfluoroalkylated quinolines via a metal-free cascade Michael addition/intramolecular rearrangement cyclization process. <i>Tetrahedron</i> , 2020, 76, 131518.	1.9	10
29	An efficient one-pot two-step three-component process for the synthesis of perfluoroalkylated biphenyls. <i>Tetrahedron</i> , 2015, 71, 820-825.	1.9	9
30	Isocyanide-Based Multicomponent Reactions: A Concise Approach to 2-Amino-3-perfluoroalkylfurans Using Methyl Perfluoroalk-2-ynoates as Fluorinated Building Blocks. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 710-715.	2.7	9
31	Facile Synthesis of 5-Trifluoromethyl-2,4-disubstituted Oxazoles via a Copper(II)-Catalyzed and TBHP-Mediated Tandem Oxidative Cyclization. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2619-2624.	4.9	8
32	First diastereoselective synthesis of perfluoroalkylated cis-spiropyrido[2,1-a]isoquinoline-1,5-pyrimidines. <i>Journal of Fluorine Chemistry</i> , 2018, 216, 33-42.	1.7	8
33	An Efficient One-pot Three-component Process for Synthesis of Perfluoroalkylated Quinolizines. <i>Chinese Journal of Chemistry</i> , 2016, 34, 524-532.	4.9	7
34	Stereoselective synthesis of trans-perfluoroalkylated [1,3]oxazino[2,3-a]isoquinolines from aromatic aldehydes, methyl perfluoroalk-2-ynoates and isoquinolines. <i>Journal of Fluorine Chemistry</i> , 2016, 181, 45-50.	1.7	7
35	Metal-free synthesis of 2-difluoromethylated quinolines via DBU-promoted cascade michael addition / cyclization of methyl 4,4-difluorobut-2-ynoate with 2-aminobenzonitriles. <i>Tetrahedron</i> , 2019, 75, 868-873.	1.9	7
36	One-Pot Metal-Free Cascade Synthesis of 2-(Perfluoroalkyl)pyrroles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7086-7090.	2.4	5

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37	I-Proline catalyzed intermolecular cyclization of methyl perfluoroalk-2-ynoates with salicylaldehyde: Synthesis of perfluoroalkylated 2H-chromenes. <i>Journal of Fluorine Chemistry</i> , 2016, 188, 58-64.	1.7	5
38	Isocyanide-Based MCRs: Straightforward Access to Perfluoroalkylated β -Spiroiminolactones. <i>Synthesis</i> , 2018, 50, 4104-4112.	2.3	5
39	Perfluoroalkyl-Promoted Synthesis of Perfluoroalkylated Pyrrolidine-Fused Coumarins with Methyl β -Perfluoroalkylpropionates. <i>Journal of Organic Chemistry</i> , 2021, 86, 15717-15725.	3.2	5
40	Simple Approach to the Highly Stereoselective Synthesis of <i>trans</i> -1,2-Cyclopropane Derivatives. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1187-1191.	4.9	4
41	Facile catalyst-free synthesis of perfluoroalkylated cis-spiropyrimidine-5,1 β -quinolizines and pyrano[2,3-d]pyrimidines. <i>Journal of Fluorine Chemistry</i> , 2019, 228, 109411.	1.7	4
42	Isocyanide-based MCRs: Diastereoselective cascade synthesis of perfluoroalkylated pyrano[3,4-c]pyrrole derivatives. <i>Journal of Fluorine Chemistry</i> , 2021, 243, 109723.	1.7	4
43	Facile synthesis of perfluoroalkylated fluorenes via a one-pot two-step three-component process. <i>Tetrahedron</i> , 2018, 74, 2073-2078.	1.9	3
44	Facile Synthesis of 4-Perfluoroalkylated 2H-Pyran-2-ones Bearing Indole Skeleton via a Base-Promoted Cascade Process. <i>Synlett</i> , 2021, 32, 1197-1200.	1.8	3
45	A Catalyst-Free Synthesis of Fused Perfluoroalkylated 2,3-Dihydroisoxazoles via Oxa-Michael-Aldol Annulation. <i>Synthesis</i> , 0, , .	2.3	3
46	The synthesis of perfluoroalkylated indolizines via tandem cyclization/aromatization. <i>Journal of Fluorine Chemistry</i> , 2021, 251, 109900.	1.7	3
47	A Facile Synthesis of <i>N</i> -Aryl Substituted Piperidones. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1995-2000.	4.9	1
48	Stereoselective synthesis of sulfonyl-substituted <i>trans</i> -2,3-dihydrofuran derivatives via reaction of arsonium Ylides with α,β -unsaturated ketones. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 596-600.	2.6	1