Hai-feng Duan

List of Publications by Year
in descending order

34	529	687363 13	677142 22
papers	citations	h-index	g-index

34	34	34	571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effective synthesis of propylene carbonate catalyzed by silica-supported hexaalkylguanidinium chloride. New Journal of Chemistry, 2005, 29, 1199.	2.8	72
2	Asymmetric Phase-Transfer Catalysts Bearing Multiple Hydrogen-Bonding Donors: Highly Efficient Catalysts for Enantio- and Diastereoselective Nitro-Mannich Reaction of Amidosulfones. Organic Letters, 2014, 16, 6432-6435.	4.6	59
3	A facile and efficient one-pot synthesis of polysubstituted benzenes in guanidinium ionic liquids. Green Chemistry, 2010, 12, 893.	9.0	43
4	Highly enantioselective nitro-Mannich reaction of ketimines under phase-transfer catalysis. Organic Chemistry Frontiers, 2017, 4, 1266-1271.	4.5	33
5	Bifunctional Thioureaâ€“Ammonium Salt Catalysts Derived from Cinchona Alkaloids: Cooperative Phase-Transfer Catalysts in the Enantioselective Aza-Henry Reaction of Ketimines. Journal of Organic Chemistry, 2018, 83, 1486-1492.	3.2	32
6	Base-Promoted Intermolecular Cyclization of Substituted 3-Aryl(Heteroaryl)-3-chloroacrylaldehydes and Tetrahydroisoquinolines: An Approach to Access Pyrrolo[2,1-a]isoquinolines. Journal of Organic Chemistry, 2016, 81, 11950-11955.	3.2	29
7	Enantio- and Diastereoselective Nitro-Mannich Reaction of Î±-Aryl Nitromethanes with Amidosulfones Catalyzed by Phase-Transfer Catalysts. Journal of Organic Chemistry, 2017, 82, 4668-4676.	3.2	24
8	N,N,Nâ€²,Nâ€²â€Tetramethylchloroformamidinium Chlorideâ€Mediated Cyclizations of Î²â€Oxo Amides: Facile and Divergent Oneâ€Pot Synthesis of Substituted 2Hâ€Pyrans, 4Hâ€Pyrans and Pyridinâ€2(1H)â€ones. Advanced Synthesis and Catalysis, 2009, 351, 2217-2223.	4.3	23
9	A New Class of Squaramide-Containing Phase-Transfer Catalysts: Application to Asymmetric Fluorination of Î²-Keto Esters. Synlett, 2015, 26, 2588-2592.	1.8	21
10	Asymmetric phase-transfer catalysts bearing multiple hydrogen-bonding donors: Synthesis and application in nitro-Mannich reaction of isatin-derived N-Boc ketimines. Tetrahedron Letters, 2017, 58, 2400-2403.	1.4	19
11	Bifunctional Phaseâ€Transfer Catalysts Catalyzed Diastereoâ€and Enantioselective Azaâ€Henry Reaction of Î²,Î³â€Unsaturated Nitroalkenes With Amidosulfones. Advanced Synthesis and Catalysis, 2017, 359, 4111-4116.	4.3	15
12	Highly Enantioselective Synthesis of Acyclic N,Nâ€²-Acetals by Chiral Urea Derived from Quinine Catalyzed the Addition of Aryl Amines to Isatin-Derived Ketimines. Organic Letters, 2019, 21, 5719-5724.	4.6	15
13	Using Tâ€“Hgâ€“T and Câ€“Agâ€“T: a four-input dual-core molecular logic gate and its new application in cryptography. RSC Advances, 2014, 4, 5363.	3.6	14
14	Novel Î±-amino acid-derived phase-transfer catalyst application to a highly enantio- and diastereoselective nitro-Mannich reaction. Organic and Biomolecular Chemistry, 2017, 15, 9234-9242.	2.8	13
15	Synthesis of 4-Azaindolines Using Phase-Transfer Catalysis via an Intramolecular Mannich Reaction. Journal of Organic Chemistry, 2020, 85, 4047-4057.	3.2	13
16	An efficient proline-based homogeneous organocatalyst with recyclability. New Journal of Chemistry, 2018, 42, 827-831.	2.8	12
17	An enantioselective aza-Henry reaction of trifluoromethyl ketimines catalyzed by phase-transfer catalysts. Organic Chemistry Frontiers, 2019, 6, 3269-3273.	4.5	12
18	Asymmetric synthesis of spirooxindoleâ€“pyranoindole products via Friedelâ€“Crafts alkylation/cyclization of the indole carbocyclic ring. New Journal of Chemistry, 2020, 44, 9788-9792.	2.8	12

#	Article	IF	Citations
19	Efficient one-pot synthesis of 12-Aryl-8, 9, 10, 12-tetrahydrobenzo[a]xanthen-11-ones under solvent-free conditions. Chemical Research in Chinese Universities, 2013, 29, 82-86.	2.6	11
20	Aymmetric Aza-Friedelâ€“Crafts Reaction of Isatin-Derived Ketimines with Indoles Catalyzed by a Chiral Phase-Transfer Catalyst. Journal of Organic Chemistry, 2022, 87, 2532-2542.	3.2	11
21	Diastereo- and enantioselective nitro-Mannich reaction of isatin-derived N-Boc ketimines catalyzed by chiral phase-transfer catalysts. New Journal of Chemistry, 2018, 42, 1608-1611.	2.8	8
22	Novel Chiral Thiourea Derived from Hydroquinine and <scp>l</scp>-Phenylglycinol: An Effective Catalyst for Enantio- and Diastereoselective Aza-Henry Reaction. ACS Omega, 2021, 6, 5812-5824.	3.5	7
23	Direct enantio- and diastereoselective Mannich reactions of isatin-derived ketimines with oxo-indanecarboxylates catalyzed by chiral thiourea derived from hydroquinidine. Organic and Biomolecular Chemistry, 2018, 16, 8927-8932.	2.8	6
24	Enantioselective addition of thiols to trifluoromethyl ketimines: synthesis ofN,S-ketals. Organic and Biomolecular Chemistry, 2020, 18, 7431-7436.	2.8	6
25	Role of Adamantane Amide Based on L-Proline Double-H Potential Organocatalyst in Aldol Reaction with Product Separated via Host-guest Interaction. Chemical Research in Chinese Universities, 2018, 34, 180-185.	2.6	4
26	Synthesis of optically active 2-amino-1â€²-benzyl-2â€²,5-dioxo-5H-spiro[indeno[1,2-b]pyran-4,3â€²-indoline]-3-carbonitriles catalyzed by a bifunctional squaramide derived from quinine. New Journal of Chemistry, 2021, 45, 2609-2613.	2.8	4
27	Novel chiral proline-based organocatalysts with amide and thioureaâ€“amine units for highly efficient asymmetric aldol reaction in saturated brine without additives. Canadian Journal of Chemistry, 2019, 97, 352-359.	1.1	3
28	The asymmetric vinylogous Mannich reaction of noncyclic dicyanoolefins catalyzed by a bifunctional thioureaâ€“ammonium salt phase transfer catalyst. New Journal of Chemistry, 2019, 43, 10012-10016.	2.8	3
29	Synthesis, photophysical properties and TD-DFT calculation of fluorescent dyes based on pyrenylthiazoles. Chemical Research in Chinese Universities, 2014, 30, 4-8.	2.6	2
30	Chiral Phase-transfer Catalysts Bearing Multiple Hydrogen-bonding Donors Derived from Amino Acids: Efficient Catalysts for Diastereo- and Enantioselective Nitro-Mannich Reaction. Chemical Research in Chinese Universities, 2018, 34, 333-337.	2.6	1
31	Approach to 2â€²-(Dialkylamino)-1-alkyl-4â€²H-spiro[indoline-3,5â€²- oxazole]-2,4â€²-diones and 1,3-Oxazin-4-ones via Cyclization of Vilsmeier Salts with Î±-Hydroxy and Î²-Carbonyl Amides. Chemical Research in Chinese Universities, 2019, 35, 216-220.	2.6	1
32	An L-tert-leucine derived urea catalyzed asymmetric synthesis of acylclic N, Nâ€²-ketals derived from aryl amines and isatin-derived ketimines. Tetrahedron, 2022, 103, 132206.	1.9	1
33	Surface Properties and Etherification in Microemulsion Systems of Novel BrÃ¶nsted Acid Surfactants. Chemical Research in Chinese Universities, 2018, 34, 440-443.	2.6	0
34	Asymmetric Synthesis of 3-Phenyl-2,3-dihydro-1H-pyrrolo[3,2-b]pyridine-3-carbonitriles Catalyzed by Phase-Transfer Catalyst Derived from tert-Leucine. Synlett, 0, 32, .	1.8	0