

Hai-feng Duan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An L-tert-leucine derived urea catalyzed asymmetric synthesis of acyclic N, N'-ketals derived from aryl amines and isatin-derived ketimines. <i>Tetrahedron</i> , 2022, 103, 132206.	1.9	1
2	Asymmetric Aza-Friedel-Crafts Reaction of Isatin-Derived Ketimines with Indoles Catalyzed by a Chiral Phase-Transfer Catalyst. <i>Journal of Organic Chemistry</i> , 2022, 87, 2532-2542.	3.2	11
3	Synthesis of optically active 2-amino-1-benzyl-2,5-dioxo-5H-spiro[indeno[1,2-b]pyran-4,3-indoline]-3-carbonitriles catalyzed by a bifunctional squaramide derived from quinine. <i>New Journal of Chemistry</i> , 2021, 45, 2609-2613.	2.8	4
4	Novel Chiral Thiourea Derived from Hydroquinine and <i>l</i> -Phenylglycinol: An Effective Catalyst for Enantio- and Diastereoselective Aza-Henry Reaction. <i>ACS Omega</i> , 2021, 6, 5812-5824.	3.5	7
5	Enantioselective addition of thiols to trifluoromethyl ketimines: synthesis of <i>N</i> -, <i>S</i> -ketals. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7431-7436.	2.8	6
6	Asymmetric synthesis of spirooxindole-pyranoindole products via Friedel-Crafts alkylation/cyclization of the indole carbocyclic ring. <i>New Journal of Chemistry</i> , 2020, 44, 9788-9792.	2.8	12
7	Synthesis of 4-Azaindolines Using Phase-Transfer Catalysis via an Intramolecular Mannich Reaction. <i>Journal of Organic Chemistry</i> , 2020, 85, 4047-4057.	3.2	13
8	An enantioselective aza-Henry reaction of trifluoromethyl ketimines catalyzed by phase-transfer catalysts. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3269-3273.	4.5	12
9	Highly Enantioselective Synthesis of Acyclic <i>N</i> , <i>N'</i> -Acetals by Chiral Urea Derived from Quinine Catalyzed the Addition of Aryl Amines to Isatin-Derived Ketimines. <i>Organic Letters</i> , 2019, 21, 5719-5724.	4.6	15
10	Novel chiral proline-based organocatalysts with amide and thiourea-amine units for highly efficient asymmetric aldol reaction in saturated brine without additives. <i>Canadian Journal of Chemistry</i> , 2019, 97, 352-359.	1.1	3
11	The asymmetric vinylogous Mannich reaction of noncyclic dicyanoolefins catalyzed by a bifunctional thiourea-ammonium salt phase transfer catalyst. <i>New Journal of Chemistry</i> , 2019, 43, 10012-10016.	2.8	3
12	Approach to 2-(Dialkylamino)-1-alkyl-4H-spiro[indoline-3,5-oxazole]-2,4-diones and 1,3-Oxazin-4-ones via Cyclization of Vilsmeier Salts with β -Hydroxy and β -Carbonyl Amides. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 216-220.	2.6	1
13	Role of Adamantane Amide Based on L-Proline Double-H Potential Organocatalyst in Aldol Reaction with Product Separated via Host-guest Interaction. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 180-185.	2.6	4
14	Bifunctional Thiourea-Ammonium Salt Catalysts Derived from Cinchona Alkaloids: Cooperative Phase-Transfer Catalysts in the Enantioselective Aza-Henry Reaction of Ketimines. <i>Journal of Organic Chemistry</i> , 2018, 83, 1486-1492.	3.2	32
15	Diastereo- and enantioselective nitro-Mannich reaction of isatin-derived <i>N</i> -Boc ketimines catalyzed by chiral phase-transfer catalysts. <i>New Journal of Chemistry</i> , 2018, 42, 1608-1611.	2.8	8
16	An efficient proline-based homogeneous organocatalyst with recyclability. <i>New Journal of Chemistry</i> , 2018, 42, 827-831.	2.8	12
17	Direct enantio- and diastereoselective Mannich reactions of isatin-derived ketimines with oxo-indanecarboxylates catalyzed by chiral thiourea derived from hydroquinidine. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8927-8932.	2.8	6
18	Chiral Phase-transfer Catalysts Bearing Multiple Hydrogen-bonding Donors Derived from Amino Acids: Efficient Catalysts for Diastereo- and Enantioselective Nitro-Mannich Reaction. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 333-337.	2.6	1

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19	Surface Properties and Etherification in Microemulsion Systems of Novel Brønsted Acid Surfactants. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 440-443.	2.6	0
20	Enantio- and Diastereoselective Nitro-Mannich Reaction of β -Aryl Nitromethanes with Amidosulfones Catalyzed by Phase-Transfer Catalysts. <i>Journal of Organic Chemistry</i> , 2017, 82, 4668-4676.	3.2	24
21	Asymmetric phase-transfer catalysts bearing multiple hydrogen-bonding donors: Synthesis and application in nitro-Mannich reaction of isatin-derived N-Boc ketimines. <i>Tetrahedron Letters</i> , 2017, 58, 2400-2403.	1.4	19
22	Highly enantioselective nitro-Mannich reaction of ketimines under phase-transfer catalysis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1266-1271.	4.5	33
23	Novel β -amino acid-derived phase-transfer catalyst application to a highly enantio- and diastereoselective nitro-Mannich reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9234-9242.	2.8	13
24	Bifunctional Phase-Transfer Catalysts Catalyzed Diastereo- and Enantioselective Aza-Henry Reaction of β,β -Unsaturated Nitroalkenes With Amidosulfones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4111-4116.	4.3	15
25	Base-Promoted Intermolecular Cyclization of Substituted 3-Aryl(Heteroaryl)-3-chloroacrylaldehydes and Tetrahydroisoquinolines: An Approach to Access Pyrrolo[2,1- <i>a</i>]isoquinolines. <i>Journal of Organic Chemistry</i> , 2016, 81, 11950-11955.	3.2	29
26	A New Class of Squaramide-Containing Phase-Transfer Catalysts: Application to Asymmetric Fluorination of β -Keto Esters. <i>Synlett</i> , 2015, 26, 2588-2592.	1.8	21
27	Asymmetric Phase-Transfer Catalysts Bearing Multiple Hydrogen-Bonding Donors: Highly Efficient Catalysts for Enantio- and Diastereoselective Nitro-Mannich Reaction of Amidosulfones. <i>Organic Letters</i> , 2014, 16, 6432-6435.	4.6	59
28	Synthesis, photophysical properties and TD-DFT calculation of fluorescent dyes based on pyrenylthiazoles. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 4-8.	2.6	2
29	Using $\text{Ta}^{\text{IV}}\text{Hg}^{\text{IV}}$ and $\text{Ca}^{\text{IV}}\text{Ag}^{\text{IV}}$: a four-input dual-core molecular logic gate and its new application in cryptography. <i>RSC Advances</i> , 2014, 4, 5363.	3.6	14
30	Efficient one-pot synthesis of 12-Aryl-8, 9, 10, 12-tetrahydrobenzo[<i>a</i>]xanthen-11-ones under solvent-free conditions. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 82-86.	2.6	11
31	A facile and efficient one-pot synthesis of polysubstituted benzenes in guanidinium ionic liquids. <i>Green Chemistry</i> , 2010, 12, 893.	9.0	43
32	N,N,N',N' -tetramethylchloroformamidinium Chloride-Mediated Cyclizations of β -Oxo Amides: Facile and Divergent One-Pot Synthesis of Substituted 2-H-Pyrans, 4-H-Pyrans and Pyridinones. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2217-2223.	4.3	23
33	The effective synthesis of propylene carbonate catalyzed by silica-supported hexaalkylguanidinium chloride. <i>New Journal of Chemistry</i> , 2005, 29, 1199.	2.8	72
34	Asymmetric Synthesis of 3-Phenyl-2,3-dihydro-1H-pyrrolo[3,2- <i>b</i>]pyridine-3-carbonitriles Catalyzed by Phase-Transfer Catalyst Derived from tert-Leucine. <i>Synlett</i> , 0, 32, .	1.8	0