

Jian-Fei Bai

List of Publications by Year in descending order

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papers

997
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516561

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Organocatalytic stereocontrolled synthesis of 3,3-dipyrrolidinyl spirooxindoles by [3+2] annulation of isocyanoesters with methyleneindolinones. <i>Chemical Communications</i> , 2012, 48, 5175.	2.2	123
2	Highly organocatalytic asymmetric Michael–ketone aldol–dehydration domino reaction: straightforward approach to construct six-membered spirocyclic oxindoles. <i>Chemical Communications</i> , 2010, 46, 8064.	2.2	117
3	A highly organocatalytic stereoselective double Michael reaction: efficient construction of optically enriched spirocyclic oxindoles. <i>Chemical Communications</i> , 2011, 47, 5593-5595.	2.2	107
4	Asymmetric Michael Addition of β -Substituted Isocyanoacetates with Maleimides Catalyzed by Chiral Tertiary Amine Thiourea. <i>Journal of Organic Chemistry</i> , 2012, 77, 2947-2953.	1.7	85
5	Chiral primary amine thiourea promoted highly enantioselective Michael reactions of isobutylaldehyde with maleimides. <i>Tetrahedron</i> , 2010, 66, 8928-8932.	1.0	70
6	Highly asymmetric Michael additions of β,β -disubstituted aldehydes to β -nitroalkenes promoted by chiral pyrrolidine–thiourea bifunctional catalysts. <i>Tetrahedron Letters</i> , 2010, 51, 2803-2805.	0.7	56
7	Noyori's TsDPEN Ligand: Simple yet Effective Catalyst for the Highly Enantioselective Michael Addition of Acetone to Nitroalkenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1849-1853.	1.2	55
8	Asymmetric hydroxyamination of oxindoles catalyzed by chiral bifunctional tertiary aminethiourea: construction of 3-amino-2-oxindoles with quaternary stereocenters. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 236-239.	1.5	48
9	Metal-Free Asymmetric 1,3-Dipolar Cycloaddition of <i>N</i> -Arylmaleimides to Azomethine Ylides Catalyzed by Chiral Tertiary Amine Thiourea. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4472-4478.	1.2	42
10	Highly effective and enantioselective Phospho-Aldol reaction of diphenyl phosphite with <i>N</i> -alkylated isatins catalyzed by quinine. <i>Tetrahedron Letters</i> , 2011, 52, 1157-1160.	0.7	38
11	Organocatalytic Formal (3 + 2) Cycloaddition toward Chiral Pyrrolo[1,2- <i>a</i>]indoles via Dynamic Kinetic Resolution of Allene Intermediates. <i>Organic Letters</i> , 2020, 22, 5439-5445.	2.4	38
12	Asymmetric Synthesis of Chiral 1,4-Enynes through Organocatalytic Alkenylation of Propargyl Alcohols with Trialkenylboroxines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8898-8901.	7.2	34
13	Amides in One Pot from Carboxylic Acids and Amines via Sulfinylamides. <i>Organic Letters</i> , 2014, 16, 604-607.	2.4	25
14	Highly enantioselective aldol reaction of acetone with β,β -unsaturated β -keto esters promoted by simple chiral primary–tertiary diamine catalysts. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4774.	1.5	24
15	Direct Asymmetric Vinylogous Mannich Reaction of 3,4-Dihalofuran-2(5H)-one with Aldimine Catalyzed by Quinine. <i>Journal of Organic Chemistry</i> , 2012, 77, 8338-8343.	1.7	24
16	Enantioselective Diels–Alder reaction of anthrone and maleimide catalyzed by a simple chiral tertiary amine. <i>Tetrahedron</i> , 2013, 69, 1229-1233.	1.0	17
17	In situ generation of <i>N</i> -Boc-protected alkenyl imines: controlling the <i>E/Z</i> geometry of alkenyl moieties in the Mukaiyama–Mannich reaction. <i>Chemical Communications</i> , 2017, 53, 8203-8206.	2.2	13
18	Zn-Catalyzed Cyanation of Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2020, 85, 6471-6477.	1.7	13

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19	Organocatalytic Asymmetric Double Michael Reaction of Benzofuranone with Dienones to Construct Spirocyclic Benzofuranones. Chinese Journal of Chemistry, 2012, 30, 2703-2706.	2.6	11
20	Synthesis of 1- α -Aminoindenes through Aza-Prins-Type Cyclization. Chemistry - A European Journal, 2018, 24, 10320-10323.	1.7	11
21	A highly asymmetric direct aldol reaction catalyzed by chiral proline amide-thiourea bifunctional catalysts. Canadian Journal of Chemistry, 2011, 89, 1312-1318.	0.6	10
22	Asymmetric Double Michael Reaction Catalyzed by Simple Primary Amine Catalysts: A Straightforward Approach to Construct Spirocyclic Oxindoles. Chinese Journal of Chemistry, 2012, 30, 1185-1188.	2.6	9
23	Induction of cell killing and autophagy by amphiphilic pyrrolidine derivatives on human pancreatic cancer cells. European Journal of Medicinal Chemistry, 2018, 150, 457-478.	2.6	6
24	Regioselective Cycloaddition and Substitution Reaction of Tertiary Propargylic Alcohols and Heteroareneboronic Acids via Acid Catalysis. Organic Letters, 2022, 24, 4507-4512.	2.4	5
25	Asymmetric Synthesis of Chiral 1,4-Enynes through Organocatalytic Alkenylation of Propargyl Alcohols with Trialkenylboroxines. Angewandte Chemie, 2019, 131, 8990-8993.	1.6	4
26	Facile Catalyst-Free Allylation of Isatins Under Mild Conditions in Dimethylformamide. Letters in Organic Chemistry, 2011, 8, 352-357.	0.2	2