

# Jian-Fei Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6763709/publications.pdf>

Version: 2024-02-01

26  
papers

997  
citations

516561

16  
h-index

526166

27  
g-index

42  
all docs

42  
docs citations

42  
times ranked

933  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Regioselective Cycloaddition and Substitution Reaction of Tertiary Propargylic Alcohols and Heteroareneboronic Acids via Acid Catalysis. <i>Organic Letters</i> , 2022, 24, 4507-4512.  | 2.4 | 5         |
| 2  | 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        |
| 3  | Zn-Catalyzed Cyanation of Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2020, 85, 6471-6477.  | 1.7 | 13        |
| 4  | Asymmetric Synthesis of Chiral 1,4-Enynes through Organocatalytic Alkenylation of Propargyl Alcohols with Trialkenylboroxines. <i>Angewandte Chemie</i> , 2019, 131, 8990-8993.   | 1.6 | 4         |
| 5  | 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        |
| 6  | Induction of cell killing and autophagy by amphiphilic pyrrolidine derivatives on human pancreatic cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 457-478.   | 2.6 | 6         |
| 7  | Synthesis of $\alpha$ -Aminoindenes through Aza-Prins-Type Cyclization. <i>Chemistry - A European Journal</i> , 2018, 24, 10320-10323.  | 1.7 | 11        |
| 8  | In situ generation of N-Boc-protected alkenyl imines: controlling the E/Z geometry of alkenyl moieties in the Mukaiyama-Mannich reaction. <i>Chemical Communications</i> , 2017, 53, 8203-8206.                                     | 2.2 | 13        |
| 9  | Amides in One Pot from Carboxylic Acids and Amines via Sulfinylamides. <i>Organic Letters</i> , 2014, 16, 604-607.  | 2.4 | 25        |
| 10 | 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        |
| 11 | 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        |
| 12 | Organocatalytic Asymmetric Double Michael Reaction of Benzofuranone with Dienones to Construct Spirocyclic Benzofuranones. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2703-2706.   | 2.6 | 11        |
| 13 | Asymmetric Michael Addition of $\beta$ -Substituted Isocynoacetates with Maleimides Catalyzed by Chiral Tertiary Amine Thiourea. <i>Journal of Organic Chemistry</i> , 2012, 77, 2947-2953.   | 1.7 | 85        |
| 14 | 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        |
| 15 | Organocatalytic stereocontrolled synthesis of 3,3-pyrrolidinyl spirooxindoles by [3+2] annulation of isocynoesters with methyleneindolinones. <i>Chemical Communications</i> , 2012, 48, 5175.                                      | 2.2 | 123       |
| 16 | Asymmetric Double Michael Reaction Catalyzed by Simple Primary Amine Catalysts: A Straightforward Approach to Construct Spirocyclic Oxindoles. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1185-1188.                           | 2.6 | 9         |
| 17 | Highly enantioselective aldol reaction of acetone with $\beta,\beta$ -unsaturated $\beta$ -keto esters promoted by simple chiral primary-tertiary diamine catalysts. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4774.     | 1.5 | 24        |
| 18 | A highly asymmetric direct aldol reaction catalyzed by chiral proline amide-thiourea bifunctional catalysts. <i>Canadian Journal of Chemistry</i> , 2011, 89, 1312-1318.  | 0.6 | 10        |

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|----|---|-----|-----------|
| 19 | 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       |
| 20 | 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        |
| 21 | 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        |
| 22 | Facile Catalyst-Free Allylation of Isatins Under Mild Conditions in Dimethylformamide. <i>Letters in Organic Chemistry</i> , 2011, 8, 352-357.  | 0.2 | 2         |
| 23 | 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        |
| 24 | Chiral primary amine thiourea promoted highly enantioselective Michael reactions of isobutylaldehyde with maleimides. <i>Tetrahedron</i> , 2010, 66, 8928-8932.   | 1.0 | 70        |
| 25 | Highly asymmetric Michael additions of $\hat{1}\pm$ -disubstituted aldehydes to $\hat{1}^2$ -nitroalkenes promoted by chiral pyrrolidine-thiourea bifunctional catalysts. <i>Tetrahedron Letters</i> , 2010, 51, 2803-2805. | 0.7 | 56        |
| 26 | 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       |