

Xu-Feng Lin

List of Publications by Year in descending order

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136885

32
h-index

138417

58
g-index

107
all docs

107
docs citations

107
times ranked

2787
citing authors

#	ARTICLE	IF	CITATIONS
1	SPINOL-Derived Phosphoric Acids: Synthesis and Application in Enantioselective Friedelâ€ˆ Crafts Reaction of Indoles with Imines. <i>Journal of Organic Chemistry</i> , 2010, 75, 8677-8680.	1.7	240
2	Enantioselective Synthesis of Biaryl Atropisomers by Pdâ€ˆ Catalyzed CâˆH Olefination using Chiral Spiro Phosphoric Acid Ligands. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6708-6712.	7.2	183
3	Novel and Efficient Synthesis of Iminocoumarins via Copper-Catalyzed Multicomponent Reaction. <i>Organic Letters</i> , 2006, 8, 4517-4520.	2.4	159
4	Parallel Synthesis of Strongly Fluorescent Polysubstituted 2,6-Dicyanoanilines via Microwave-Promoted Multicomponent Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 2866-2869.	1.7	156
5	Highly Enantioselective Pictetâ€ˆ Spengler Reaction Catalyzed by SPINOLâ€ˆ Phosphoric Acids. <i>Chemistry - A European Journal</i> , 2012, 18, 3148-3152.	1.7	132
6	Atroposelective Phosphoric Acid Catalyzed Threeâ€ˆ Component Cascade Reaction: Enantioselective Synthesis of Axially Chiral Nâ€ˆ Arylindoles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15824-15828.	7.2	131
7	Development and application of chiral spirocyclic phosphoric acids in asymmetric catalysis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4753-4777.	1.5	121
8	A highly efficient synthesis of 1,2,3,4-tetrahydroquinolines by molecular iodine-catalyzed domino reaction of anilines with cyclic enol ethers. <i>Tetrahedron Letters</i> , 2006, 47, 4509-4512.	0.7	117
9	Synthesis of Axially Chiral Biarylâ€ˆ Amines by Pd ^{II} -Catalyzed Freeâ€ˆ Amineâ€ˆ Directed Atroposelective CâˆH Olefination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3568-3572.	7.2	114
10	Molecular iodine-catalyzed one-pot synthesis of substituted quinolines from imines and aldehydes. <i>Tetrahedron Letters</i> , 2006, 47, 3127-3130.	0.7	109
11	Molecular iodine-catalyzed and air-mediated tandem synthesis of quinolines via three-component reaction of amines, aldehydes, and alkynes. <i>Tetrahedron</i> , 2011, 67, 3858-3862.	1.0	97
12	Three-Component Synthesis of Polysubstituted Pyrroles from Î±-Diazoketones, Nitroalkenes, and Amines. <i>Organic Letters</i> , 2011, 13, 4668-4671.	2.4	96
13	Highly Enantioselective Synthesis of Dihydroquinazolinones Catalyzed by SPINOL-Phosphoric Acids. <i>ACS Catalysis</i> , 2013, 3, 2244-2247.	5.5	92
14	Parallel Synthesis of Strongly Fluorescent Polysubstituted 2,6-Dicyanoanilines via Microwave-Promoted Multicomponent Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.1	80
15	Synthesis of Substituted Indoles from 2-Azidoacrylates and <i>ortho</i> -Silyl Aryltriflates. <i>Organic Letters</i> , 2010, 12, 4608-4611.	2.4	80
16	Organocatalytic asymmetric multicomponent reactions of aromatic aldehydes and anilines with Î²-ketoesters: facile and atom-economical access to chiral tetrahydropyridines. <i>Chemical Communications</i> , 2013, 49, 1401.	2.2	79
17	A straightforward one-pot multicomponent synthesis of polysubstituted pyrroles. <i>Chemical Communications</i> , 2011, 47, 6620.	2.2	66
18	Highly enantioselective Biginelli reaction catalyzed by SPINOL-phosphoric acids. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4467.	1.5	66

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19	Molecular iodine-catalyzed C3-alkylation of 4-hydroxycoumarins with secondary benzyl alcohols. <i>Tetrahedron</i> , 2009, 65, 9233-9237.	1.0	63
20	Enantioselective synthesis of benzazepinoindoles bearing trifluoromethylated quaternary stereocenters catalyzed by chiral spirocyclic phosphoric acids. <i>Chemical Communications</i> , 2014, 50, 7538-7541.	2.2	57
21	Organocatalytic Asymmetric Synthesis of Dihydrobenzoxazinones Bearing Trifluoromethylated Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2016, 81, 2019-2026.	1.7	56
22	Iron-Catalyzed Enantioselective C-H Bond Insertions. <i>Organic Letters</i> , 2018, 20, 6544-6549.	2.4	56
23	Palladium on Charcoal as a Recyclable Catalyst for C-S Cross-Coupling of Thiols with Aryl Halides under Ligand-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2558-2562.	2.1	55
24	Molecular iodine-catalyzed diastereoselective synthesis of cis-fused pyranobenzopyrans and furanobenzopyrans. <i>Tetrahedron Letters</i> , 2008, 49, 5208-5210.	0.7	53
25	Copper-Catalyzed Tandem Nucleophilic Ring-Opening/Intramolecular Oxidative Amidation of <i>N</i> -Tosylaziridines and Hydrazones under Aerobic Conditions. <i>Organic Letters</i> , 2009, 11, 5678-5681.	2.4	46
26	Chiral Spirocyclic Phosphoric Acids and Their Growing Applications. <i>Chinese Journal of Chemistry</i> , 2021, 39, 802-824.	2.6	46
27	Highly enantioselective three-component Povarov reaction catalyzed by SPINOL-phosphoric acids. <i>RSC Advances</i> , 2013, 3, 573-578.	1.7	42
28	Domino Reaction of 3-(2-Formylphenoxy)propenoates and Amines: A Novel Synthesis of 1,4-Dihydropyridines from Salicylaldehydes, Ethyl Propiolate, and Amines. <i>Journal of Organic Chemistry</i> , 2007, 72, 7779-7782.	1.7	41
29	Synthesis and Application of Hexamethyl-1,1-spirobiindane-Based Phosphine-Oxazoline Ligands in Ni-Catalyzed Asymmetric Arylation of Cyclic Aldimines. <i>Journal of Organic Chemistry</i> , 2018, 83, 4034-4043.	1.7	39
30	Asymmetric synthesis of CF ₃ - and indole-containing tetrahydro- β -carbolines via chiral spirocyclic phosphoric acid-catalyzed aza-Friedel-Crafts reaction. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1407-1410.	2.3	37
31	A Highly Selective Cascade Approach to Diverse Aromatic Ring Systems from Simple Aromatic Aldehydes and Propiolates. <i>Organic Letters</i> , 2006, 8, 1241-1244.	2.4	35
32	A general access to 1,1-cyclopropane aminoketones and their conversion into 2-benzoyl quinolines. <i>Chemical Communications</i> , 2012, 48, 9927.	2.2	35
33	Triply Hydrogen-Bond-Directed Enantioselective Assembly of Pyrrobenzo-1,4-diazine Skeletons with Quaternary Stereocenters. <i>Chemistry - A European Journal</i> , 2015, 21, 9039-9043.	1.7	35
34	Palladium-Catalyzed Directed Atroposelective C-H Allylation via β -H Elimination: 1,1-Disubstituted Alkenes as Allyl Surrogates. <i>Organic Letters</i> , 2020, 22, 9693-9698.	2.4	34
35	Atroposelective Phosphoric Acid Catalyzed Three-Component Cascade Reaction: Enantioselective Synthesis of Axially Chiral <i>N</i> -Arylindoles. <i>Angewandte Chemie</i> , 2019, 131, 15971-15975.	1.6	30
36	Recent Advances of Pd/C-Catalyzed Reactions. <i>Catalysts</i> , 2021, 11, 1078.	1.6	30

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37	One-pot multicomponent synthesis of polysubstituted indolizines. <i>Tetrahedron</i> , 2012, 68, 85-91.	1.0	29
38	Organocatalytic Asymmetric Dearomatization Reaction for the Synthesis of Axial Chiral Allene-Derived Naphthalenones Bearing Quaternary Stereocenters. <i>Organic Letters</i> , 2021, 23, 6606-6611.	2.4	29
39	Parallel synthesis of 4,5-dihydro-1,2,4-oxadiazoles using soluble polymer support. <i>Tetrahedron Letters</i> , 2003, 44, 4113-4115.	0.7	25
40	Highly enantioselective hydrophosphonylation of imines catalyzed by SPINOL-phosphoric acid. <i>RSC Advances</i> , 2013, 3, 11895.	1.7	25
41	Organocatalytic asymmetric synthesis of benzazepinoindole derivatives with trifluoromethylated quaternary stereocenters by chiral phosphoric acid catalysts. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1367-1374.	1.5	25
42	Rhodium-Catalyzed Asymmetric Addition of Organoboronic Acids to Aldimines Using Chiral Spiro Monophosphite-Olefin Ligands: Method Development and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2018, 83, 11873-11885.	1.7	25
43	DDQ-Mediated Tandem Synthesis of Functionalized Pyranocoumarins from 4-Hydroxycoumarins and 1,3-Diaryllallylic Compounds. <i>Heterocycles</i> , 2010, 81, 965.	0.4	24
44	Facile synthesis of 1,2,4-triazolines via PPh ₃ -triggered reaction of azodicarboxylate with 2-azidoacrylates. <i>Tetrahedron</i> , 2011, 67, 650-654.	1.0	24
45	Efficient synthesis of dihydropyrimidinones via a three-component Biginelli-type reaction of urea, alkylaldehyde and arylaldehyde. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2846-2851.	1.3	24
46	Design of Planar Chiral Phosphoric Acids with a [2.2]Paracyclophanyl Backbone as Organocatalysts for the Highly Enantioselective Aza-Friedel-Crafts Reaction. <i>Organic Letters</i> , 2019, 21, 3682-3686.	2.4	24
47	An Efficient Protocol for the Liquid-Phase Synthesis of Furanoquinolines and Pyranoquinolines. <i>Synlett</i> , 2004, 2004, 1175-1178.	1.0	23
48	Total Syntheses of (+)-Sarcophytin, (+)-Chatancin, (±)-Oxochatancin, and (±)-Pavidolide...B: A Divergent Approach. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5100-5104.	7.2	22
49	Parallel Synthesis of Pyrazolines on Soluble Polymer Support. <i>Synlett</i> , 2003, 2003, 1467-1468.	1.0	20
50	Enantioselective synthesis of cyclic quaternary β -amino acid derivatives by chiral phosphoric acid catalysis. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6033-6041.	1.5	19
51	Recent advances in the asymmetric phosphoric acid-catalyzed synthesis of axially chiral compounds. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2729-2764.	1.3	18
52	Rapid One-pot Solid-phase Synthesis of 1,2,4-Oxadiazolines. <i>Chemistry Letters</i> , 2003, 32, 842-843.	0.7	17
53	Cascade Reactions of Aromatic Aldehydes with Electron-Deficient Acetylenes: Regioselective Construction of Diverse Aromatic Ring Systems. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 5174-5183.	1.2	17
54	Asymmetric organocatalytic synthesis of chiral 3,3-disubstituted oxindoles via a 1,6-conjugate addition reaction. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5301-5309.	1.5	17

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55	Three-component reaction for the C2-functionalization of 1-substituted imidazoles with acetylenic ketones and isocyanates. <i>Tetrahedron</i> , 2011, 67, 8338-8342.	1.0	15
56	Diastereo- and Enantioselective Assembly of Spirooxindole Tetrahydroquinoline Skeletons through Asymmetric Binary Acid Catalyzed Hydride Transfer-Cyclization. <i>Synlett</i> , 2016, 27, 546-550.	1.0	14
57	Synthesis and application of a new hexamethyl-1,1- λ^2 -spirobiindane-based chiral bisphosphine (HMSI-PHOS) ligand in asymmetric allylic alkylation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2239-2247.	1.5	14
58	Enantioselective Synthesis of Difluoroalkylated Isoindolinones via Chiral Spirocyclic Phosphoric Acid Catalyzed Mannich-Type Reaction. <i>Synlett</i> , 2021, 32, 417-422.	1.0	12
59	Chiral Phosphoric Acid-Catalyzed Enantioselective Synthesis of Pyrazole-Based Unnatural β -Amino Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 274-280.	2.1	12
60	Asymmetric [3 + 3] Annulation to Construct Trifluoromethylated Pyrazolo[3,4- <i>b</i>]pyridin-6-ones via Chiral Phosphoric Acid and MgSO_4 Synergistic Catalysis. <i>Organic Letters</i> , 2022, 24, 4058-4063.	2.4	11
61	Synthesis and application of a new chiral monodentate spiro phosphoramidite ligand based on hexamethyl-1,1- λ^2 -spirobiindane backbone in asymmetric hydroamination/arylation of alkenes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6183-6186.	1.5	10
62	Iron-catalyzed asymmetric intramolecular cyclopropanation reactions using chiral tetramethyl-1,1- λ^2 -spirobiindane-based bisoxazoline (TMSI-BOX) ligands. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1154-1162.	1.5	10
63	One-pot synthesis of pompon-like bimetallic organic framework for enhanced oxygen evolution electrocatalysis. <i>Journal of Power Sources</i> , 2022, 520, 230812.	4.0	9
64	Molecular iodine-catalysed amidation reaction of secondary benzylic and allylic alcohols with carboxamides or sulfonamides. <i>Journal of Chemical Research</i> , 2009, 2009, 638-641.	0.6	8
65	Chiral Phosphoric Acid Catalyzed Enantioselective [4+3]-Cyclization Reaction of Indol-4-ylmethanols and Quinone Esters. <i>Synlett</i> , 2021, 32, 1231-1235.	1.0	8
66	Synthesis and Optical Resolution of 3,3,3- λ^2 -Tetramethyl-1,1- λ^2 -spirobiindane-7,7- λ^2 -diol. <i>Synthesis</i> , 2019, 51, 557-563.	1.2	7
67	Total Syntheses of (+)-Sarcophytin, (+)-Chatancin, (β)-Oxochatancin, and (β)-Pavidolide...B: A Divergent Approach. <i>Angewandte Chemie</i> , 2019, 131, 5154-5158.	1.6	5
68	Synthesis of Chiral Tertiary Amine-Thioureas Based on Spirobiindane and Application in Catalytic Asymmetric Michael Addition Reaction. <i>Synthesis</i> , 2020, 52, 1131-1139.	1.2	5
69	Enantioselective synthesis of indole-based unnatural α -alkynyl β -amino acid derivatives via chiral phosphoric acid catalysis. <i>Chirality</i> , 2022, 34, 678-693.	1.3	5
70	Palladium-Catalyzed Michael Addition of Indoles to α,β -Unsaturated Ketones in an Ionic Liquid. <i>Synlett</i> , 2005, 2005, 2003-2006.	1.0	4
71	Enantioselective synthesis of β -tetrasubstituted (3-indoliziny) (diaryl)methanamines via chiral phosphoric acid catalysis. <i>RSC Advances</i> , 2022, 12, 20499-20506.	1.7	4
72	A Yb(OTf) ₃ /PEG-Supported Quaternary Ammonium Salt Catalyst System for a Three-Component Mannich-Type Reaction in Aqueous Media. <i>Synlett</i> , 2009, 2009, 1107-1110.	1.0	3

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73	Soluble polymer-supported synthesis of pyrazoles via 1,3-dipolar cycloaddition strategy. Chinese Journal of Chemistry, 2004, 22, 415-418.	2.6	3
74	PdCl ₂ Immobilized in Ionic Liquids: A Novel and Efficient Catalytic System for Michael Additions of Indoles to α,β -Unsaturated Ketones. Letters in Organic Chemistry, 2006, 3, 414-418.	0.2	3
75	Editorial [Hot topic: Multicomponent Reactions (Guest Editor: Dr. Xu-Feng Lin)]. Current Organic Chemistry, 2010, 14, 331-331.	0.9	2
76	Methyl 2-amino-4-methyl-6-phenyl-6H-1,3-thiazine-5-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2207-o2208.	0.2	1
77	Methyl 4-(3-amino-2,4-dicyano-5,6,7,8-tetrahydronaphthalen-1-yl)benzoate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3198-o3199.	0.2	1