

Ismail Ibrahim

List of Publications by Year in descending order

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74
papers

7,453
citations

31949

53
h-index

69214

77
g-index

90
all docs

90
docs citations

90
times ranked

3396
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating Amine-Catalyzed Asymmetric Reactions by Intermolecular Cooperative Thiourea/Oxime Hydrogen-Bond Catalysis. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3043-3049.	1.2	3
2	Copper nanoparticles on controlled pore glass (CPG) as highly efficient heterogeneous catalysts for α -click reactions. <i>Scientific Reports</i> , 2020, 10, 20547.	1.6	5
3	Highly Enantioselective Control of Dynamic Cascade Transformations by Dual Catalysis: Asymmetric Synthesis of Polysubstituted Spirocyclic Oxindoles. <i>ACS Catalysis</i> , 2015, 5, 1266-1272.	5.5	61
4	Palladium/Chiral Amine Co-catalyzed Enantioselective α -Arylation of α,β -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 878-882.	7.2	70
5	A Palladium/Chiral Amine Co-catalyzed Enantioselective Dynamic Cascade Reaction: Synthesis of Polysubstituted Carbocycles with a Quaternary Carbon Stereocenter. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6050-6054.	7.2	62
6	Enol Ethers as Substrates for Efficient Z- and Enantioselective Ring-Opening/Cross-Metathesis Reactions Promoted by Stereogenic-at-Mo Complexes: Utility in Chemical Synthesis and Mechanistic Attributes. <i>Journal of the American Chemical Society</i> , 2012, 134, 2788-2799.	6.6	96
7	Achiral Co-catalyst Induced Switches in Catalytic Asymmetric Reactions on Racemic Mixtures (RRM): From Stereodivergent RRM to Stereoconvergent Deracemization by Combination of Hydrogen Bond Donating and Chiral Amine Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2865-2872.	2.1	15
8	One-Pot Three-Component Highly Selective Synthesis of Homoallylboronates by Using Metal-Free Catalysis. <i>Chemistry - A European Journal</i> , 2012, 18, 5175-5179.	1.7	52
9	Direct Regiospecific and Highly Enantioselective Intermolecular α -Allylic Alkylation of Aldehydes by a Combination of Transition-Metal and Chiral Amine Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 2972-2977.	1.7	83
10	Enantioselective Conjugate Silyl Additions to α,β -Unsaturated Aldehydes Catalyzed by Combination of Transition Metal and Chiral Amine Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 245-252.	2.1	119
11	Highly Enantioselective Co-catalytic Direct Aldol Reactions by Combination of Hydrogen-Bond Donating and Acyclic Amino Acid Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3114-3122.	2.1	42
12	One-Pot Three-Component Catalytic Enantioselective Synthesis of Homoallylboronates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12036-12041.	7.2	93
13	Catalytic Asymmetric Aziridination of α,β -Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , 2011, 17, 7904-7917.	1.7	80
14	Catalytic Enantioselective α -Alkylation of α,β -Unsaturated Aldehydes by Combination of Transition-Metal and Aminocatalysis: Total Synthesis of Bisabolane Sesquiterpenes. <i>Chemistry - A European Journal</i> , 2011, 17, 8784-8788.	1.7	71
15	Dynamic Kinetic Asymmetric Transformation (DYKAT) by Combined Amine- and Transition-Metal-Catalyzed Enantioselective Cycloisomerization. <i>Chemistry - A European Journal</i> , 2010, 16, 1585-1591.	1.7	102
16	Enantioselective Organocatalytic Conjugate Addition of Fluorocarbon Nucleophiles to α,β -Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , 2009, 15, 10013-10017.	1.7	72
17	Highly Z- and Enantioselective Ring-Opening/Cross-Metathesis Reactions Catalyzed by Stereogenic-at-Mo Adamantylimido Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 3844-3845.	6.6	215
18	One-Pot Catalytic Asymmetric Cascade Synthesis of Cycloheptane Derivatives. <i>Chemistry - A European Journal</i> , 2008, 14, 2693-2698.	1.7	52

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19	One-Pot Organocatalytic Domino Michael/ α -Alkylation Reactions: Direct Catalytic Enantioselective Cyclopropanation and Cyclopentanation Reactions. <i>Chemistry - A European Journal</i> , 2008, 14, 7867-7879.	1.7	152
20	One-Pot Catalytic Enantioselective Domino Nitro-Michael/Michael Synthesis of Cyclopentanes with Four Stereocenters. <i>Chemistry - A European Journal</i> , 2008, 14, 10007-10011.	1.7	44
21	Highly Diastereo- and Enantioselective Catalytic Domino Thia-Michael/Aldol Reactions: Synthesis of Benzothiopyrans with Three Contiguous Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 237-242.	2.1	70
22	Organocatalytic Asymmetric Hydrophosphination of α,β -Unsaturated Aldehydes: Development, Mechanism and DFT Calculations. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1875-1884.	2.1	87
23	Asymmetric Amplification in the Amino Acid-Catalyzed Synthesis of Amino Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 9-9.	2.1	0
24	Direct catalytic asymmetric three-component Mannich reactions with dihydroxyacetone: enantioselective synthesis of amino sugar derivatives. <i>Tetrahedron Letters</i> , 2008, 49, 803-807.	0.7	43
25	Organocatalytic asymmetric 5-hydroxyisoxazolidine synthesis: A highly enantioselective route to β -amino acids. <i>Chemical Communications</i> , 2007, , 849-851.	2.2	145
26	Catalytic Enantioselective Domino Oxa-Michael/Aldol Condensations: Asymmetric Synthesis of Benzopyran Derivatives. <i>Chemistry - A European Journal</i> , 2007, 13, 574-581.	1.7	215
27	Direct Catalytic Enantioselective α -Aminomethylation of Aldehydes. <i>Chemistry - A European Journal</i> , 2007, 13, 683-688.	1.7	40
28	Organocatalytic Enantioselective Aziridination of α,β -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 778-781.	7.2	223
29	Enantioselective Organocatalytic Hydrophosphination of α,β -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4507-4510.	7.2	167
30	A Highly Enantioselective Catalytic Domino Aza-Michael/Aldol Reaction: One-Pot Organocatalytic Asymmetric Synthesis of 1,2-Dihydroquinolidines. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 827-832.	2.1	119
31	Amine-Catalyzed Asymmetric Epoxidation of α,β -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1210-1224.	2.1	64
32	Asymmetric Amplification in the Amino Acid-Catalyzed Synthesis of Amino Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1868-1872.	2.1	11
33	Highly enantioselective organocatalytic addition of unmodified aldehydes to N-Boc protected imines: one-pot asymmetric synthesis of β -amino acids. <i>Tetrahedron Letters</i> , 2007, 48, 421-425.	0.7	55
34	Enantioselective organocatalytic conjugate addition of amines to α,β -unsaturated aldehydes: one-pot asymmetric synthesis of β -amino acids and 1,3-diamines. <i>Tetrahedron Letters</i> , 2007, 48, 2193-2198.	0.7	111
35	A simple and concise catalytic asymmetric entry to tetrahydroxanthrones. <i>Tetrahedron Letters</i> , 2007, 48, 2181-2184.	0.7	51
36	A simple one-pot, three-component, catalytic, highly enantioselective isoxazolidine synthesis. <i>Tetrahedron Letters</i> , 2007, 48, 5701-5705.	0.7	69

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37	One-pot organocatalytic domino Michael/ α -alkylation reactions: highly enantioselective synthesis of functionalized cyclopentanones and cyclopentanol. <i>Tetrahedron Letters</i> , 2007, 48, 5835-5839.	0.7	76
38	Organocatalytic asymmetric multi-component [C+NC+CC] synthesis of highly functionalized pyrrolidine derivatives. <i>Tetrahedron Letters</i> , 2007, 48, 6252-6257.	0.7	115
39	Organocatalytic asymmetric 5-hydroxypyrrolidine synthesis: a highly enantioselective route to 3-substituted proline derivatives. <i>Tetrahedron Letters</i> , 2007, 48, 8695-8699.	0.7	53
40	A concise enantioselective synthesis of iminosugar derivatives. <i>Chemical Communications</i> , 2006, , 674.	2.2	54
41	Direct catalytic asymmetric anti-selective Mannich-type reactions. <i>Chemical Communications</i> , 2006, , 1760-1762.	2.2	113
42	Direct organocatalytic enantioselective α -aminomethylation of ketones. <i>Tetrahedron</i> , 2006, 62, 357-364.	1.0	72
43	Direct organocatalytic asymmetric epoxidation of α,β -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2006, 47, 99-103.	0.7	141
44	A route to 1,2-diols by enantioselective organocatalytic α -oxidation with molecular oxygen. <i>Tetrahedron Letters</i> , 2006, 47, 4659-4663.	0.7	77
45	Non-linear effects in acyclic amino acid-catalyzed direct asymmetric aldol reactions. <i>Tetrahedron Letters</i> , 2006, 47, 6657-6661.	0.7	28
46	Highly enantioselective synthesis of 2H-1-benzothiopyrans by a catalytic domino reaction. <i>Tetrahedron Letters</i> , 2006, 47, 8547-8551.	0.7	119
47	A one-pot organocatalytic asymmetric entry to tetrahydrothioxanthenones. <i>Tetrahedron Letters</i> , 2006, 47, 8679-8682.	0.7	84
48	Direct Asymmetric Intermolecular Aldol Reactions Catalyzed by Amino Acids and Small Peptides. <i>Chemistry - A European Journal</i> , 2006, 12, 5383-5397.	1.7	241
49	Sugar-Assisted Kinetic Resolution of Amino Acids and Amplification of Enantiomeric Excess of Organic Molecules. <i>Chemistry - A European Journal</i> , 2006, 12, 5446-5451.	1.7	24
50	Direct Asymmetric Intermolecular Aldol Reactions Catalyzed by Amino Acids and Small Peptides. <i>Chemistry - A European Journal</i> , 2006, 12, 5175-5175.	1.7	9
51	Direct Catalytic Intermolecular α -Allylic Alkylation of Aldehydes by Combination of Transition-Metal and Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1952-1956.	7.2	378
52	Amino Acid-Catalyzed Asymmetric Carbohydrate Formation: Organocatalytic One-Step De Novo Synthesis of Keto and Amino Sugars. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 211-222.	2.1	89
53	Small Peptide-Catalyzed Enantioselective Addition of Ketones to Nitroolefins. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 418-424.	2.1	138
54	Direct organocatalytic asymmetric α -oxidation of ketones with iodosobenzene and N-sulfonyloxaziridines. <i>Tetrahedron Letters</i> , 2005, 46, 2053-2057.	0.7	59

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55	Amino acid-catalyzed direct enantioselective synthesis of α^2 -amino- β -oxyaldehydes. Tetrahedron Letters, 2005, 46, 2839-2843.	0.7	72
56	Amino acid catalyzed direct enantioselective formation of carbohydrates: one-step de novo synthesis of ketoses. Tetrahedron Letters, 2005, 46, 3363-3367.	0.7	129
57	Novel organic catalysts for the direct enantioselective α -oxidation of carbonyl compounds. Tetrahedron Letters, 2005, 46, 3385-3389.	0.7	84
58	Enantioselective addition of aldehydes to amines via combined catalytic biomimetic oxidation and organocatalytic C-C bond formation. Tetrahedron Letters, 2005, 46, 3965-3968.	0.7	55
59	Direct Catalytic Enantioselective α -Aminomethylation of Ketones.. ChemInform, 2005, 36, no.	0.1	0
60	Direct Amino Acid Catalyzed Asymmetric Synthesis of Polyketide Sugars. Angewandte Chemie - International Edition, 2005, 44, 1343-1345.	7.2	195
61	Direct Catalytic Enantioselective Aza-Diels-Alder Reactions. Angewandte Chemie - International Edition, 2005, 44, 4877-4880.	7.2	236
62	Direct Amino Acid Catalyzed Asymmetric Synthesis of Polyketide Sugars. Angewandte Chemie, 2005, 117, 1367-1369.	1.6	62
63	Amino Acid Catalyzed Neogenesis of Carbohydrates: A Plausible Ancient Transformation. Chemistry - A European Journal, 2005, 11, 4772-4784.	1.7	130
64	Acyclic Chiral Amines and Amino Acids as Inexpensive and Readily Tunable Catalysts for the Direct Asymmetric Three-Component Mannich Reaction. Chemistry - A European Journal, 2005, 11, 7024-7029.	1.7	144
65	Direct Catalytic Enantioselective Aza-Diels-Alder Reactions.. ChemInform, 2005, 36, no.	0.1	0
66	Plausible origins of homochirality in the amino acid catalyzed neogenesis of carbohydrates. Chemical Communications, 2005, , 2047-2049.	2.2	118
67	Small peptides as modular catalysts for the direct asymmetric aldol reaction: ancient peptides with aldolase enzyme activity. Chemical Communications, 2005, , 4946.	2.2	139
68	Acyclic amino acid-catalyzed direct asymmetric aldol reactions: alanine, the simplest stereoselective organocatalyst. Chemical Communications, 2005, , 3586.	2.2	253
69	Direct Amino Acid Catalyzed Asymmetric α Oxidation of Ketones with Molecular Oxygen. Angewandte Chemie - International Edition, 2004, 43, 6532-6535.	7.2	129
70	Direct Catalytic Enantioselective α -Aminomethylation of Ketones. Angewandte Chemie - International Edition, 2004, 43, 6528-6531.	7.2	147
71	Direct Amino Acid Catalyzed Asymmetric α Oxidation of Ketones with Molecular Oxygen. Angewandte Chemie, 2004, 116, 6694-6697.	1.6	40
72	Direct Catalytic Enantioselective α -Aminomethylation of Ketones. Angewandte Chemie, 2004, 116, 6690-6693.	1.6	44

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73	The Direct Amino Acid Catalyzed Asymmetric Incorporation of Molecular Oxygen to Organic Compounds.. ChemInform, 2004, 35, no.	0.1	0
74	The Direct Amino Acid-Catalyzed Asymmetric Incorporation of Molecular Oxygen to Organic Compounds. Journal of the American Chemical Society, 2004, 126, 8914-8915.	6.6	208