Armando CÃ³rdova

List of Publications by Year
in descending order

205	15,891	9756	19136
papers	citations	73 h-index	118 g-index

329	329	329	7146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solvent Dependency in Stereoselective Î´â€Lactam Formation of Chiral Î±â€Fluoromalonate Derivatives: Stereodivergent Synthesis of Heterocycles with Fluorine Containing Stereocenters Adjacent to Tertiary Stereocenters. Advanced Synthesis and Catalysis, 2022, 364, 958-965.	2.1	2
2	Efficient Heterogeneous Copper-Catalyzed Alder-Ene Reaction of Allenynamides to Pyrrolines. ACS Catalysis, 2022, 12, 1791-1796.	5.5	9
3	Direct organocatalytic thioglycolic acid esterification of cellulose nanocrystals: A simple entry to click chemistry on the surface of nanocellulose. Carbohydrate Polymer Technologies and Applications, 2022, 3, 100205.	1.6	4
4	Accelerating Amineâ€Catalyzed Asymmetric Reactions by Intermolecular Cooperative Thiourea/Oxime Hydrogenâ€Bond Catalysis. European Journal of Organic Chemistry, 2021, 2021, 3043-3049.	1.2	3
5	Artificial plant cell walls as multi-catalyst systems for enzymatic cooperative asymmetric catalysis in non-aqueous media. Chemical Communications, 2021, 57, 8814-8817.	2.2	11
6	Copper nanoparticles on controlled pore glass (CPG) as highly efficient heterogeneous catalysts for â€œclick reactionsâ€. Scientific Reports, 2020, 10, 20547.	1.6	5
7	Mild and Versatile Functionalization of Nacre-Mimetic Cellulose Nanofibrils/Clay Nanocomposites by Organocatalytic Surface Engineering. ACS Omega, 2020, 5, 19363-19370.	1.6	4
8	Silverâ€Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. Angewandte Chemie - International Edition, 2020, 59, 10391-10395.	7.2	25
9	Silverâ€Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. Angewandte Chemie, 2020, 132, 10477-10481.	1.6	10
10	Sustainable and recyclable heterogenous palladium catalysts from rice husk-derived biosilicates for Suzuki-Miyaura cross-couplings, aerobic oxidations and stereoselective cascade carbocyclizations. Scientific Reports, 2020, 10, 6407.	1.6	19
11	Efficient Heterogeneous Palladium-Catalyzed Transfer Hydrogenolysis of Benzylic Alcohols by Formic Acid. Synthesis, 2020, 52, 2330-2336.	1.2	6
12	Nâ€‘Heterocyclic Carbene (NHC)/Metal Cooperative Catalysis. Topics in Current Chemistry Collections, 2020, , 83-97.	0.2	0
13	Enamine/Transition Metal Combined Catalysis: Catalytic Transformations Involving Organometallic Electrophilic Intermediates. Topics in Current Chemistry Collections, 2020, , 1-27.	0.2	3
14	Total Asymmetric Synthesis of Quinine, Quinidine, and Analogues via Catalytic Enantioselective Cascade Transformations. European Journal of Organic Chemistry, 2019, 2019, 6016-6023.	1.2	10
15	Catalytic Enantioselective Synthesis of Bicyclic Lactam N,Sâ€Acetals in One Pot by Cascade Transformations. European Journal of Organic Chemistry, 2019, 2019, 4649-4657.	1.2	3
16	Sustainable Surface Engineering of Lignocellulose and Cellulose by Synergistic Combination of Metalâ€Free Catalysis and Polyelectrolyte Complexes. Global Challenges, 2019, 3, 1900018.	1.8	4
17	Enamine/Transition Metal Combined Catalysis: Catalytic Transformations Involving Organometallic Electrophilic Intermediates. Topics in Current Chemistry, 2019, 377, 38.	3.0	19
18	The Chemical Synthesis and Applications of Tropane Alkaloids. The Alkaloids Chemistry and Biology, 2019, 81, 151-233.	0.8	17

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19	A sustainable strategy for production and functionalization of nanocelluloses. Pure and Applied Chemistry, 2019, 91, 865-874.	0.9	18
20	Highly Diastereoâ€•and Enantioselective Cascade Synthesis of Bicyclic Lactams in Oneâ€Pot. European Journal of Organic Chemistry, 2018, 2018, 1158-1164.	1.2	6
21	Sustainable Design for the Direct Fabrication and Highly Versatile Functionalization of Nanocelluloses. Global Challenges, 2017, 1, 1700045.	1.8	21
22	Recent Developments in Palladium-Catalyzed Oxidative Cascade Carbocyclization. ACS Catalysis, 2017, 7, 7051-7063.	5.5	40
23	Integrated Heterogeneous Metal/Enzymatic Multiple Relay Catalysis for Eco-Friendly and Asymmetric Synthesis. ACS Catalysis, 2016, 6, 3932-3940.	5.5	41
24	Combinations of Aminocatalysts and Metal Catalysts: A Powerful Cooperative Approach in Selective Organic Synthesis. Chemical Reviews, 2016, 116, 13512-13570.	23.0	384
25	Development of an Amino Acid/Hydroxy Oxime Dual Catalyst System for Highly Stereoselective Direct Asymmetric Aldol Reactions in the Presence of Water. Synthesis, 2016, 49, 383-390.	1.2	1
26	Cyclopalladated Azoâ€“linked Porous Polymers in Câ€“C Bond Forming Reactions. ChemistrySelect, 2016, 1, 5801-5804.	0.7	8
27	Selective Access to All Four Diastereomers of a 1,3â€Amino Alcohol by Combination of a Keto Reductaseâ€• and an Amine Transaminaseâ€Catalysed Reaction. Advanced Synthesis and Catalysis, 2015, 357, 1808-1814.	2.1	26
28	Highly Enantioselective Control of Dynamic Cascade Transformations by Dual Catalysis: Asymmetric Synthesis of Polysubstituted Spirocyclic Oxindoles. ACS Catalysis, 2015, 5, 1266-1272.	5.5	61
29	The Use of Porous Palladium(II)â€polyimine in Cooperativelyâ€•catalyzed Highly Enantioselective Cascade Transformations. Advanced Synthesis and Catalysis, 2015, 357, 2150-2156.	2.1	20
30	Combined heterogeneous metal/organic catalysts for eco-friendly synthesis. Pure and Applied Chemistry, 2015, 87, 1011-1019.	0.9	13
31	Efficient and Highly Enantioselective Aerobic Oxidationâ€“Michaelâ€“Carbocyclization Cascade Transformations by Integrated Pd(0)-CPG Nanoparticle/Chiral Amine Relay Catalysis. Synthesis, 2014, 46, 1303-1310.	1.2	18
32	Total Synthesis of Capsaicin Analogues from Ligninâ€Derived Compounds by Combined Heterogeneous Metal, Organocatalytic and Enzymatic Cascades in One Pot. Advanced Synthesis and Catalysis, 2014, 356, 2113-2118.	2.1	30
33	Combined Heterogeneous Metal/Chiral Amine: Multiple Relay Catalysis for Versatile Ecoâ€Friendly Synthesis. Angewandte Chemie - International Edition, 2014, 53, 3447-3451.	7.2	60
34	Mechanism of Palladium/Amine Cocatalyzed Carbocyclization of Aldehydes with Alkynes and Its Merging with â€œPd Oxidase Catalysisâ€• ACS Catalysis, 2014, 4, 4474-4484.	5.5	31
35	Enantioselective Heterogeneous Synergistic Catalysis for Asymmetric Cascade Transformations. Advanced Synthesis and Catalysis, 2014, 356, 2485-2492.	2.1	49
36	Abiotic synthesis of amino acids and self-crystallization under prebiotic conditions. Scientific Reports, 2014, 4, 6769.	1.6	28

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37	Palladium/Chiral Amine Coâ€catalyzed Enantioselective Î²â€Arylation of Î±,Î²â€Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2013, 52, 878-882.	7.2	70
38	A Palladium/Chiral Amine Coâ€catalyzed Enantioselective Dynamic Cascade Reaction: Synthesis of Polysubstituted Carbocycles with a Quaternary Carbon Stereocenter. Angewandte Chemie - International Edition, 2013, 52, 6050-6054.	7.2	62
39	Highly Enantioselective Cascade Transformations by Merging Heterogeneous Transition Metal Catalysis with Asymmetric Aminocatalysis. Scientific Reports, 2012, 2, 851.	1.6	42
40	Achiral Coâ€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. Advanced Synthesis and Catalysis, 2012, 354, 2865-2872.	2.1	15
41	Intergrown New Zeolite Beta Polymorphs with Interconnected 12-Ring Channels Solved by Combining Electron Crystallography and Single-Crystal X-ray Diffraction. Chemistry of Materials, 2012, 24, 3701-3706.	3.2	43
42	Direct Catalytic Asymmetric Synthesis of Pyrazolidine Derivatives. ChemistryOpen, 2012, 1, 134-139.	0.9	12
43	Oneâ€Step Catalytic Enantioselective Î±â€Quaternary 5â€Hydroxyproline Synthesis: An Asymmetric Entry to Highly Functionalized Î±â€Quaternary Proline Derivatives. Advanced Synthesis and Catalysis, 2012, 354, 1156-1162.	2.1	16
44	Concise Catalytic Asymmetric Total Synthesis of Biologically Active Tropane Alkaloids. Advanced Synthesis and Catalysis, 2012, 354, 1363-1372.	2.1	21
45	Oneâ€Pot Threeâ€Component Highly Selective Synthesis of Homoallylboronates by Using Metalâ€Free Catalysis. Chemistry - A European Journal, 2012, 18, 5175-5179.	1.7	52
46	Direct Regiospecific and Highly Enantioselective Intermolecular Î±â€Allylic Alkylation of Aldehydes by a Combination of Transitionâ€Metal and Chiral Amine Catalysts. Chemistry - A European Journal, 2012, 18, 2972-2977.	1.7	83
47	Concise Total Synthesis of Dihydrocorynanthenol, Protoemetinol, Protoemetine, 3â€epiâ€Protoemetinol and Emetine. European Journal of Organic Chemistry, 2012, 2012, 398-408.	1.2	41
48	Enantioselective Conjugate Silyl Additions to Î±,Î²â€Unsaturated Aldehydes Catalyzed by Combination of Transition Metal and Chiral Amine Catalysts. Advanced Synthesis and Catalysis, 2011, 353, 245-252.	2.1	119
49	Asymmetric Azaâ€Moritaâ€“Baylisâ€“Hillmanâ€Type Reactions: The Highly Enantioselective Reaction between Unmodified Î±,Î²â€Unsaturated Aldehydes and Nâ€Acylimines by Organoâ€coâ€catalysis. Advanced Synthesis and Catalysis, 2011, 353, 1096-1108.	2.1	28
50	Highly Enantioselective Coâ€Catalytic Direct Aldol Reactions by Combination of Hydrogenâ€Bond Donating and Acyclic Amino Acid Catalysts. Advanced Synthesis and Catalysis, 2011, 353, 3114-3122.	2.1	42
51	Dynamic Oneâ€Pot Threeâ€Component Catalytic Asymmetric Transformation by Combination of Hydrogenâ€Bondâ€Donating and Amine Catalysts. Angewandte Chemie - International Edition, 2011, 50, 7624-7630.	7.2	78
52	Oneâ€Pot Threeâ€Component Catalytic Enantioselective Synthesis of Homoallylboronates. Angewandte Chemie - International Edition, 2011, 50, 12036-12041.	7.2	93
53	Catalytic Asymmetric Aziridination of Î±,Î²â€Unsaturated Aldehydes. Chemistry - A European Journal, 2011, 17, 7904-7917.	1.7	80
54	Catalytic Enantioselective Î²â€Alkylation of Î±,Î²â€Unsaturated Aldehydes by Combination of Transitionâ€Metalâ€ and Aminocatalysis: Total Synthesis of Bisabolane Sesquiterpenes. Chemistry - A European Journal, 2011, 17, 8784-8788.	1.7	71

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55	One-pot highly enantioselective catalytic Mannich-type reactions between aldehydes and stable Î±-amido sulfones: asymmetric synthesis of Î²-amino aldehydes and Î²-amino acids. Tetrahedron Letters, 2010, 51, 234-237.	0.7	27
56	Asymmetric Synthesis of Maraviroc (UKâ€427,857). Advanced Synthesis and Catalysis, 2010, 352, 2291-2298.	2.1	46
57	Organocatalytic Enantioselective Aziridination of Î±â€Substituted Î±,Î²â€Unsaturated Aldehydes: Asymmetric Synthesis of Terminal Aziridines. Advanced Synthesis and Catalysis, 2010, 352, 3201-3207.	2.1	48
58	Dynamic Kinetic Asymmetric Transformation (DYKAT) by Combined Amineâ€•and Transitionâ€Metalâ€Catalyzed Enantioselective Cycloisomerization. Chemistry - A European Journal, 2010, 16, 1585-1591.	1.7	102
59	Dynamic Kinetic Asymmetric Domino Oxaâ€Michael/Carbocyclization by Combination of Transitionâ€Metal and Amine Catalysis: Catalytic Enantioselective Synthesis of Dihydrofurans. Chemistry - A European Journal, 2010, 16, 13930-13934.	1.7	79
60	Nonlinear Effects in Asymmetric Amino Acid Catalysis by Multiple Interconnected Stereoselective Catalytic Networks. Chemistry - A European Journal, 2010, 16, 13935-13940.	1.7	10
61	Heterogeneous â€œOrganoclickâ€•Derivatization of Polysaccharides: Photochemical Thiolâ€ene Click Modification of Solid Cellulose. Macromolecular Rapid Communications, 2010, 31, 740-744.	2.0	66
62	Organocatalytic diastereoselective dibromination of alkenes. Tetrahedron Letters, 2010, 51, 2708-2712.	0.7	24
63	Inorganic ammonium salts and carbonate salts are efficient catalysts for aldol condensation in atmospheric aerosols. Physical Chemistry Chemical Physics, 2010, 12, 3864.	1.3	80
64	Highly Enantioselective Organocatalytic Addition of Aldehydes to Nâ€(Phenylmethylene)benzamides: Asymmetric Synthesis of the Paclitaxel Side Chain and Its Analogues. Chemistry - A European Journal, 2009, 15, 4044-4048.	1.7	50
65	Enantioselective Organocatalytic Conjugate Addition of Fluorocarbon Nucleophiles to Î±,Î²â€Unsaturated Aldehydes. Chemistry - A European Journal, 2009, 15, 10013-10017.	1.7	72
66	Highly Zâ€•and Enantioselective Ringâ€Opening/Crossâ€Metathesis Reactions and Zâ€Selective Ringâ€Opening Metathesis Polymerization. Angewandte Chemie - International Edition, 2009, 48, 8827-8831.	7.2	14
67	Organocatalytic enantioselective domino synthesis of highly functionalized cyclohexanes with an all-carbon quaternary stereocenter. Tetrahedron Letters, 2009, 50, 3458-3462.	0.7	36
68	Inorganic ammonium salts as catalysts for direct aldol reactions in the presence of water. Tetrahedron Letters, 2009, 50, 7242-7245.	0.7	11
69	Products and Kinetics of the Liquid-Phase Reaction of Glyoxal Catalyzed by Ammonium Ions (NH_4^+). Journal of Physical Chemistry A, 2009, 113, 231-237.	1.1	255
70	Examples of catalytic asymmetric amine synthesis using organic catalysts. Current Opinion in Drug Discovery & Development, 2009, 12, 824-47.	1.9	1
71	Oneâ€Pot Catalytic Asymmetric Cascade Synthesis of Cycloheptane Derivatives. Chemistry - A European Journal, 2008, 14, 2693-2698.	1.7	52
72	Oneâ€Pot Organocatalytic Domino Michael/Î±â€Alkylation Reactions: Direct Catalytic Enantioselective Cyclopropanation and Cyclopentanation Reactions. Chemistry - A European Journal, 2008, 14, 7867-7879.	1.7	152

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73	Oneâ€Pot Catalytic Enantioselective Domino Nitroâ€Michael/Michael Synthesis of Cyclopentanes with Four Stereocenters. Chemistry - A European Journal, 2008, 14, 10007-10011.	1.7	44
74	Organocatalytic Enantioselective Aminosulfenylation of Î±,Î²â€Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2008, 47, 8468-8472.	7.2	124
75	Highly Diastereoâ€and Enantioselective Catalytic Domino Thiaâ€Michael/Aldol Reactions: Synthesis of Benzothiopyrans with Three Contiguous Stereocenters. Advanced Synthesis and Catalysis, 2008, 350, 237-242.	2.1	70
76	Organocatalytic Highly Enantioselective Conjugate Addition of Aldehydes to Alkylidine Malonates. Advanced Synthesis and Catalysis, 2008, 350, 657-661.	2.1	52
77	Organocatalytic Asymmetric Hydrophosphination of Î±,Î²â€Unsaturated Aldehydes: Development, Mechanism and DFT Calculations. Advanced Synthesis and Catalysis, 2008, 350, 1875-1884.	2.1	87
78	Asymmetric Amplification in the Amino Acidâ€Catalyzed Synthesis of Amino Acid Derivatives. Advanced Synthesis and Catalysis, 2008, 350, 9-9.	2.1	0
79	Density functional theory study of the stereoselectivity in small peptide-catalyzed intermolecular aldol reactions. Tetrahedron: Asymmetry, 2008, 19, 1617-1621.	1.8	13
80	Direct catalytic asymmetric three-component Mannich reactions with dihydroxyacetone: enantioselective synthesis of amino sugar derivatives. Tetrahedron Letters, 2008, 49, 803-807.	0.7	43
81	Proline and Lewis base co-catalyzed addition of Î±,Î²-unsaturated aldehydes to nitrostyrenes. Tetrahedron Letters, 2008, 49, 1137-1140.	0.7	16
82	Organocatalytic asymmetric nitrocyclopropanation of Î±,Î²-unsaturated aldehydes. Tetrahedron Letters, 2008, 49, 4209-4212.	0.7	91
83	Catalytic asymmetric synthesis of the docetaxel (Taxotere) side chain: organocatalytic highly enantioselective synthesis of esterification-ready Î±-hydroxy-Î²-amino acids. Tetrahedron Letters, 2008, 49, 6631-6634.	0.7	42
84	A Kinetic and Mechanistic Study of the Amino Acid Catalyzed Aldol Condensation of Acetaldehyde in Aqueous and Salt Solutions. Journal of Physical Chemistry A, 2008, 112, 2827-2837.	1.1	115
85	Risk for Postpartum Depression, Breastfeeding Practices, and Mammary Gland Permeability. Journal of Human Lactation, 2008, 24, 50-57.	0.8	34
86	Asymmetric Amino Acid Catalysis. AIP Conference Proceedings, 2008, , .	0.3	2
87	Catalytic Enantioselective 5-Hydroxyisoxazolidine Synthesis: An Asymmetric Entry to Î²-Amino Acids. Synthesis, 2008, 2008, 1153-1157.	1.2	4
88	One-Pot Organocatalytic Direct Asymmetric Synthesis of Î³-AminoAlcohol Derivatives. Synlett, 2007, 2007, 2146-2146.	1.0	0
89	One-Pot Pyrrolidine-Catalyzed Synthesis of Benzopyrans, Benzothiopyranes, and Dihydroquinolidines. Chimia, 2007, 61, 219.	0.3	16
90	Organocatalytic enantioselective conjugate addition of aldehydes to maleimides. Chemical Communications, 2007, , 734-735.	2.2	101

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91	Formation of secondary lightâ€absorbing â€œfulvicâ€likeâ€•oligomers: A common process in aqueous and ionic atmospheric particles?. Geophysical Research Letters, 2007, 34, .	1.5	87
92	Organocatalytic asymmetric 5-hydroxyisoxazolidine synthesis: A highly enantioselective route to Î²-amino acids. Chemical Communications, 2007, , 849-851.	2.2	145
93	Direct Bronsted acid-catalyzed derivatization of cellulose with poly(L-lactic acid) and D-mandelic acid. Nordic Pulp and Paper Research Journal, 2007, 22, 184-187.	0.3	15
94	Catalytic Enantioselective Domino Oxa-Michael/Aldol Condensations: Asymmetric Synthesis of Benzopyran Derivatives. Chemistry - A European Journal, 2007, 13, 574-581.	1.7	215
95	Direct Catalytic Enantioselective Î±-Aminomethylation of Aldehydes. Chemistry - A European Journal, 2007, 13, 683-688.	1.7	40
96	Organocatalytic Enantioselective Aziridination of Î±,Î²-Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2007, 46, 778-781.	7.2	223
97	Enantioselective Organocatalytic Hydrophosphination of Î±,Î²-Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2007, 46, 4507-4510.	7.2	167
98	A Highly Enantioselective Catalytic Domino Aza-Michael/Aldol Reaction: One-Pot Organocatalytic Asymmetric Synthesis of 1,2-Dihydroquinolidines. Advanced Synthesis and Catalysis, 2007, 349, 827-832.	2.1	119
99	Amine-Catalyzed Asymmetric Epoxidation of Î±,Î²-Unsaturated Aldehydes. Advanced Synthesis and Catalysis, 2007, 349, 1210-1224.	2.1	64
100	A Simple Organocatalytic Enantioselective Cyclopropanation of Î±,Î²-Unsaturated Aldehydes. Advanced Synthesis and Catalysis, 2007, 349, 1028-1032.	2.1	188
101	Asymmetric Amplification in the Amino Acidâ€Catalyzed Synthesis of Amino Acid Derivatives. Advanced Synthesis and Catalysis, 2007, 349, 1868-1872.	2.1	11
102	Direct Enantioselective Synthesis of Bicyclic Dielsâ€“Alder Products. Advanced Synthesis and Catalysis, 2007, 349, 2549-2555.	2.1	62
103	Acyclic Î²-amino acid catalyzed asymmetric anti-selective Mannich-type reactions. Tetrahedron: Asymmetry, 2007, 18, 1033-1037.	1.8	49
104	Highly enantioselective organocatalytic addition of unmodified aldehydes to N-Boc protected imines: one-pot asymmetric synthesis of Î²-amino acids. Tetrahedron Letters, 2007, 48, 421-425.	0.7	55
105	Corrigendum to â€œNon-linear effects in acyclic amino acid-catalyzed direct asymmetric aldol reactionsâ€• Tetrahedron Letters, 2007, 48, 1875.	0.7	0
106	Enantioselective organocatalytic conjugate addition of amines to Î±,Î²-unsaturated aldehydes: one-pot asymmetric synthesis of Î²-amino acids and 1,3-diamines. Tetrahedron Letters, 2007, 48, 2193-2198.	0.7	111
107	A simple and concise catalytic asymmetric entry to tetrahydroxanthenones. Tetrahedron Letters, 2007, 48, 2181-2184.	0.7	51
108	A simple one-pot, three-component, catalytic, highly enantioselective isoxazolidine synthesis. Tetrahedron Letters, 2007, 48, 5701-5705.	0.7	69

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109	One-pot organocatalytic domino Michael/Î±-alkylation reactions: highly enantioselective synthesis of functionalized cyclopentanones and cyclopentanols. Tetrahedron Letters, 2007, 48, 5835-5839.	0.7	76
110	A one-pot combination of amine and heterocyclic carbene catalysis: direct asymmetric synthesis of Î²-hydroxy and Î²-malonate esters from Î±,Î²-unsaturated aldehydes. Tetrahedron Letters, 2007, 48, 5976-5980.	0.7	49
111	Organocatalytic asymmetric multi-component [C+NC+CC] synthesis of highly functionalized pyrrolidine derivatives. Tetrahedron Letters, 2007, 48, 6252-6257.	0.7	115
112	Aza-Moritaâ€“Baylisâ€“Hillman-type reactions: highly enantioselective organocatalytic addition of unmodified Î±,Î²-unsaturated aldehydes to N-Boc protected imines. Tetrahedron Letters, 2007, 48, 6900-6904.	0.7	68
113	Organocatalytic highly enantioselective Î±-selenenylation of aldehydes. Tetrahedron Letters, 2007, 48, 7865-7869.	0.7	50
114	Organocatalytic asymmetric 5-hydroxypyrrolidine synthesis: a highly enantioselective route to 3-substituted proline derivatives. Tetrahedron Letters, 2007, 48, 8695-8699.	0.7	53
115	The small peptide-catalyzed direct asymmetric aldol reaction in water. Organic and Biomolecular Chemistry, 2006, 4, 38-40.	1.5	176
116	Direct Organocatalytic Chemoselective Synthesis of a Dendrimer-like Star Polyester. Macromolecules, 2006, 39, 2819-2822.	2.2	46
117	A concise enantioselective synthesis of iminosugar derivatives. Chemical Communications, 2006, , 674.	2.2	54
118	Simple highly modular acyclic amine-catalyzed direct enantioselective addition of ketones to nitro-olefins. Chemical Communications, 2006, , 460-462.	2.2	151
119	Direct catalytic asymmetric anti-selective Mannich-type reactions. Chemical Communications, 2006, , 1760-1762.	2.2	113
120	Direct organocatalytic enantioselective Î±-aminomethylation of ketones. Tetrahedron, 2006, 62, 357-364.	1.0	72
121	Direct organocatalytic asymmetric epoxidation of Î±,Î²-unsaturated aldehydes. Tetrahedron Letters, 2006, 47, 99-103.	0.7	141
122	A route to 1,2-diols by enantioselective organocatalytic Î±-oxidation with molecular oxygen. Tetrahedron Letters, 2006, 47, 4659-4663.	0.7	77
123	Direct one-pot highly enantioselective assembly of polyketide and carbohydrate synthons. Tetrahedron Letters, 2006, 47, 4929-4932.	0.7	37
124	Non-linear effects in acyclic amino acid-catalyzed direct asymmetric aldol reactions. Tetrahedron Letters, 2006, 47, 6657-6661.	0.7	28
125	Direct organocatalytic asymmetric reductive Mannich-type reactions. Tetrahedron Letters, 2006, 47, 7417-7421.	0.7	101
126	Highly enantioselective synthesis of 2H-1-benzothiopyrans by a catalytic domino reaction. Tetrahedron Letters, 2006, 47, 8547-8551.	0.7	119

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127	A one-pot organocatalytic asymmetric entry to tetrahydrothioxanthenones. Tetrahedron Letters, 2006, 47, 8679-8682.	0.7	84
128	(S)-Selective Kinetic Resolution and Chemoenzymatic Dynamic Kinetic Resolution of Secondary Alcohols. Chemistry - A European Journal, 2006, 12, 225-232.	1.7	110
129	Direct Asymmetric Intermolecular Aldol Reactions Catalyzed by Amino Acids and Small Peptides. Chemistry - A European Journal, 2006, 12, 5383-5397.	1.7	241
130	Sugar-Assisted Kinetic Resolution of Amino Acids and Amplification of Enantiomeric Excess of Organic Molecules. Chemistry - A European Journal, 2006, 12, 5446-5451.	1.7	24
131	Direct Asymmetric Intermolecular Aldol Reactions Catalyzed by Amino Acids and Small Peptides. Chemistry - A European Journal, 2006, 12, 5175-5175.	1.7	9
132	Direct Catalytic Intermolecular Î±-Allylic Alkylation of Aldehydes by Combination of Transition-Metal and Organocatalysis. Angewandte Chemie - International Edition, 2006, 45, 1952-1956.	7.2	378
133	Heterogeneous â€˜Organoclickâ€™ Derivatization of Polysaccharides. Macromolecular Rapid Communications, 2006, 27, 1362-1366.	2.0	86
134	Amino Acid-Catalyzed Asymmetric Carbohydrate Formation: Organocatalytic One-StepDe Novo Synthesis of Keto and Amino Sugars. Advanced Synthesis and Catalysis, 2006, 348, 211-222.	2.1	89
135	Small Peptide-Catalyzed Enantioselective Addition of Ketones to Nitroolefins. Advanced Synthesis and Catalysis, 2006, 348, 418-424.	2.1	138
136	Organocatalytic Asymmetric Î±-Aminomethylation of Cyclohexanones. Synthesis, 2006, 2006, 4060-4064.	1.2	4
137	Organocatalytic Asymmetric Synthesis of 1,2,3-prim,sec,sec-Triols. Synlett, 2006, 2006, 3521-3524.	1.0	5
138	Direct organocatalytic asymmetric Î±-oxidation of ketones with iodosobenzene and N-sulfonyloxaziridines. Tetrahedron Letters, 2005, 46, 2053-2057.	0.7	59
139	Amino acid-catalyzed direct enantioselective synthesis of Î²-amino-Î±-oxyaldehydes. Tetrahedron Letters, 2005, 46, 2839-2843.	0.7	72
140	Amino acid catalyzed direct enantioselective formation of carbohydrates: one-step de novo synthesis of ketoses. Tetrahedron Letters, 2005, 46, 3363-3367.	0.7	129
141	Novel organic catalysts for the direct enantioselective Î±-oxidation of carbonyl compounds. Tetrahedron Letters, 2005, 46, 3385-3389.	0.7	84
142	Enantioselective addition of aldehydes to amines via combined catalytic biomimetic oxidation and organocatalytic Câ€“C bond formation. Tetrahedron Letters, 2005, 46, 3965-3968.	0.7	55
143	Amino acid-catalyzed dynamic kinetic asymmetric transformations (DYKAT): one-step de novo synthesis of polyketide sugars from racemic Î²-hydroxy aldehydes. Tetrahedron Letters, 2005, 46, 6605-6609.	0.7	55
144	Direct Catalytic Enantioselective ?-Aminomethylation of Ketones.. ChemInform, 2005, 36, no.	0.1	0

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145	Direct Amino Acid Catalyzed Asymmetric Synthesis of Polyketide Sugars. Angewandte Chemie - International Edition, 2005, 44, 1343-1345.	7.2	195
146	Direct Catalytic Enantioselective Aza-Diels-Alder Reactions. Angewandte Chemie - International Edition, 2005, 44, 4877-4880.	7.2	236
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