

Armando Crdova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

210
papers

14,215
citations

71
h-index

112
g-index

329
ext. papers

15,105
ext. citations

5.8
avg, IF

6.74
L-index

#	Paper	IF	Citations
210	Efficient Heterogeneous Copper-Catalyzed Alder-Ene Reaction of Allenynamides to Pyrrolines.. <i>ACS Catalysis</i> , 2022 , 12, 1791-1796	13.1	0
209	Direct organocatalytic thioglycolic acid esterification of cellulose nanocrystals: a simple entry to click chemistry on the surface of nanocellulose. <i>Carbohydrate Polymer Technologies and Applications</i> , 2022 , 100205	1.7	0
208	Accelerating Amine-Catalyzed Asymmetric Reactions by Intermolecular Cooperative Thiourea/Oxime Hydrogen-Bond Catalysis. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3043-3049	3.2	1
207	Artificial plant cell walls as multi-catalyst systems for enzymatic cooperative asymmetric catalysis in non-aqueous media. <i>Chemical Communications</i> , 2021 , 57, 8814-8817	5.8	2
206	Mild and Versatile Functionalization of Nacre-Mimetic Cellulose Nanofibrils/Clay Nanocomposites by Organocatalytic Surface Engineering. <i>ACS Omega</i> , 2020 , 5, 19363-19370	3.9	3
205	Silver-Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10391-10395	16.4	12
204	Silver-Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 10477-10481	3.6	5
203	Enamine/Transition Metal Combined Catalysis: Catalytic Transformations Involving Organometallic Electrophilic Intermediates. <i>Topics in Current Chemistry Collections</i> , 2020 , 1-27	1.8	2
202	Efficient Heterogeneous Palladium-Catalyzed Transfer Hydrogenolysis of Benzylic Alcohols by Formic Acid. <i>Synthesis</i> , 2020 , 52, 2330-2336	2.9	4
201	Copper nanoparticles on controlled pore glass (CPG) as highly efficient heterogeneous catalysts for "click reactions". <i>Scientific Reports</i> , 2020 , 10, 20547	4.9	3
200	Sustainable and recyclable heterogeneous palladium catalysts from rice husk-derived biosilicates for Suzuki-Miyaura cross-couplings, aerobic oxidations and stereoselective cascade carbocyclizations. <i>Scientific Reports</i> , 2020 , 10, 6407	4.9	5
199	Total Asymmetric Synthesis of Quinine, Quinidine, and Analogues via Catalytic Enantioselective Cascade Transformations. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6016-6023	3.2	4
198	Catalytic Enantioselective Synthesis of Bicyclic Lactam N,S-Acetals in One Pot by Cascade Transformations. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 4649-4657	3.2	2
197	Sustainable Surface Engineering of Lignocellulose and Cellulose by Synergistic Combination of Metal-Free Catalysis and Polyelectrolyte Complexes. <i>Global Challenges</i> , 2019 , 3, 1900018	4.3	2
196	Enamine/Transition Metal Combined Catalysis: Catalytic Transformations Involving Organometallic Electrophilic Intermediates. <i>Topics in Current Chemistry</i> , 2019 , 377, 38	7.2	7
195	The Chemical Synthesis and Applications of Tropane Alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2019 , 81, 151-233	4.8	10
194	A sustainable strategy for production and functionalization of nanocelluloses. <i>Pure and Applied Chemistry</i> , 2019 , 91, 865-874	2.1	10

193	Highly Diastereo- and Enantioselective Cascade Synthesis of Bicyclic Lactams in One-Pot. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1158-1164	3.2	5
192	Sustainable Design for the Direct Fabrication and Highly Versatile Functionalization of Nanocelluloses. <i>Global Challenges</i> , 2017 , 1, 1700045	4.3	13
191	Recent Developments in Palladium-Catalyzed Oxidative Cascade Carbocyclization. <i>ACS Catalysis</i> , 2017 , 7, 7051-7063	13.1	30
190	Cooperative Lewis Acids and Aminocatalysis 2017 , 345-374		2
189	Organoclick: Applied Eco-Friendly and Metal-Free Catalysis for Wood and Fiber Modifications 2016 , 437-450		0
188	Development of an Amino Acid/Hydroxy Oxime Dual Catalyst System for Highly Stereoselective Direct Asymmetric Aldol Reactions in the Presence of Water. <i>Synthesis</i> , 2016 , 49, 383-390	2.9	0
187	Cyclopalladated Azobridged Porous Polymers in C-C Bond Forming Reactions. <i>ChemistrySelect</i> , 2016 , 1, 5801-5804	1.8	7
186	Integrated Heterogeneous Metal/Enzymatic Multiple Relay Catalysis for Eco-Friendly and Asymmetric Synthesis. <i>ACS Catalysis</i> , 2016 , 6, 3932-3940	13.1	26
185	Combinations of Aminocatalysts and Metal Catalysts: A Powerful Cooperative Approach in Selective Organic Synthesis. <i>Chemical Reviews</i> , 2016 , 116, 13512-13570	68.1	282
184	The Use of Porous Palladium(II)-polyimine in Cooperatively- catalyzed Highly Enantioselective Cascade Transformations. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 2150-2156	5.6	17
183	Combined heterogeneous metal/organic catalysts for eco-friendly synthesis. <i>Pure and Applied Chemistry</i> , 2015 , 87, 1011-1019	2.1	11
182	Selective Access to All Four Diastereomers of a 1,3-Amino Alcohol by Combination of a Keto Reductase- and an Amine Transaminase-Catalysed Reaction. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1808-1814	5.6	18
181	Highly Enantioselective Control of Dynamic Cascade Transformations by Dual Catalysis: Asymmetric Synthesis of Polysubstituted Spirocyclic Oxindoles. <i>ACS Catalysis</i> , 2015 , 5, 1266-1272	13.1	51
180	Abiotic synthesis of amino acids and self-crystallization under prebiotic conditions. <i>Scientific Reports</i> , 2014 , 4, 6769	4.9	21
179	Total Synthesis of Capsaicin Analogues from Lignin-Derived Compounds by Combined Heterogeneous Metal, Organocatalytic and Enzymatic Cascades in One Pot. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2113-2118	5.6	23
178	Combined heterogeneous metal/chiral amine: multiple relay catalysis for versatile eco-friendly synthesis. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3447-51	16.4	45
177	Mechanism of Palladium/Amine Cocatalyzed Carbocyclization of Aldehydes with Alkynes and Its Merging with Pd Oxidase Catalysis <i>ACS Catalysis</i> , 2014 , 4, 4474-4484	13.1	27
176	Enantioselective Heterogeneous Synergistic Catalysis for Asymmetric Cascade Transformations. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2485-2492	5.6	42

175	Combined Heterogeneous Metal/Chiral Amine: Multiple Relay Catalysis for Versatile Eco-Friendly Synthesis. <i>Angewandte Chemie</i> , 2014 , 126, 3515-3519	3.6	13
174	Efficient and Highly Enantioselective Aerobic Oxidation-Michael-Carbocyclization Cascade Transformations by Integrated Pd(0)-CPG Nanoparticle/Chiral Amine Relay Catalysis. <i>Synthesis</i> , 2014 , 46, 1303-1310	2.9	15
173	Examples of Metal-Free Direct Catalytic Asymmetric Mannich-Type Reactions Using Aminocatalysis 2013 , 129-146		2
172	Palladium/chiral amine co-catalyzed enantioselective α -arylation of β -unsaturated aldehydes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 878-82	16.4	63
171	Palladium/Chiral Amine Co-catalyzed Enantioselective α -arylation of β -unsaturated Aldehydes. <i>Angewandte Chemie</i> , 2013 , 125, 912-916	3.6	20
170	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, 6050-4	16.4	54
169	A Palladium/Chiral Amine Co-catalyzed Enantioselective Dynamic Cascade Reaction: Synthesis of Polysubstituted Carbocycles with a Quaternary Carbon Stereocenter. <i>Angewandte Chemie</i> , 2013 , 125, 6166-6170	3.6	22
168	Direct regiospecific and highly enantioselective intermolecular allylic alkylation of aldehydes by a combination of transition-metal and chiral amine catalysts. <i>Chemistry - A European Journal</i> , 2012 , 18, 2972-7	4.8	69
167	Concise Total Synthesis of Dihydrocorynanthenol, Protoemetinol, Protoemetine, 3-epi-Protoemetinol and Emetine. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 398-408	3.2	35
166	Highly enantioselective cascade transformations by merging heterogeneous transition metal catalysis with asymmetric aminocatalysis. <i>Scientific Reports</i> , 2012 , 2, 851	4.9	38
165	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	5.6	14
164	Intergrown New Zeolite Beta Polymorphs with Interconnected 12-Ring Channels Solved by Combining Electron Crystallography and Single-Crystal X-ray Diffraction. <i>Chemistry of Materials</i> , 2012 , 24, 3701-3706	9.6	40
163	Direct catalytic asymmetric synthesis of pyrazolidine derivatives. <i>ChemistryOpen</i> , 2012 , 1, 134-9	2.3	10
162	One-Step Catalytic Enantioselective α -quaternary 5-Hydroxyproline Synthesis: An Asymmetric Entry to Highly Functionalized α -quaternary Proline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1156-1162	5.6	14
161	Concise Catalytic Asymmetric Total Synthesis of Biologically Active Tropane Alkaloids. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1363-1372	5.6	19
160	One-pot three-component highly selective synthesis of homoallylboronates by using metal-free catalysis. <i>Chemistry - A European Journal</i> , 2012 , 18, 5175-9	4.8	47
159	Enantioselective Conjugate Silyl Additions to β -unsaturated Aldehydes Catalyzed by Combination of Transition Metal and Chiral Amine Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 245-252	5.6	105
158	Asymmetric Aza-Morita-Baylis-Hillman-Type Reactions: The Highly Enantioselective Reaction between Unmodified β -unsaturated Aldehydes and N-Acylimines by Organo-co-catalysis. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1096-1108	5.6	25

157	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	5.6	38
156	Dynamic One-Pot Three-Component Catalytic Asymmetric Transformation by Combination of Hydrogen-Bond-Donating and Amine Catalysts. <i>Angewandte Chemie</i> , 2011 , 123, 7766-7772	3.6	23
155	One-Pot Three-Component Catalytic Enantioselective Synthesis of Homoallylboronates. <i>Angewandte Chemie</i> , 2011 , 123, 12242-12247	3.6	26
154	Dynamic one-pot three-component catalytic asymmetric transformation by combination of hydrogen-bond-donating and amine catalysts. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7624-30 [†]	16.4	69
153	One-pot three-component catalytic enantioselective synthesis of homoallylboronates. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12036-41	16.4	83
152	Catalytic asymmetric aziridination of β -unsaturated aldehydes. <i>Chemistry - A European Journal</i> , 2011 , 17, 7904-17	4.8	73
151	Catalytic enantioselective β -alkylation of β -unsaturated aldehydes by combination of transition-metal- and aminocatalysis: total synthesis of bisabolane sesquiterpenes. <i>Chemistry - A European Journal</i> , 2011 , 17, 8784-8	4.8	66
150	Inorganic ammonium salts and carbonate salts are efficient catalysts for aldol condensation in atmospheric aerosols. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 3864-72	3.6	62
149	One-pot highly enantioselective catalytic Mannich-type reactions between aldehydes and stable β -amido sulfones: asymmetric synthesis of β -amino aldehydes and β -amino acids. <i>Tetrahedron Letters</i> , 2010 , 51, 234-237	2	26
148	Asymmetric Synthesis of Maraviroc (UK-427,857). <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 2291-2298	3.6	40
147	Organocatalytic Enantioselective Aziridination of β -Substituted β -Unsaturated Aldehydes: Asymmetric Synthesis of Terminal Aziridines. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 3201-3207	5.6	41
146	Rhodium- and Palladium-Catalyzed Asymmetric Conjugate Additions 2010 , 1-70		33
145	Catalytic Asymmetric Baylis-Hillman Reactions and Surroundings 2010 , 393-438		0
144	Cu- and Ni-Catalyzed Conjugated Additions of Organozincs and Organoaluminums to β -Unsaturated Carbonyl Compounds 2010 , 71-144		7
143	ECAs of Organolithium Reagents, Grignard Reagents, and Examples of Cu-Catalyzed ECAs 2010 , 145-167		5
142	Asymmetric Bifunctional Catalysis Using Heterobimetallic and Multimetallic Systems in Enantioselective Conjugate Additions 2010 , 169-190		1
141	Enamines in Catalytic Enantioselective Conjugate Additions 2010 , 191-218		5
140	Iminium Activation in Catalytic Enantioselective Conjugate Additions 2010 , 219-293		6

139	Organocatalytic Enantioselective Conjugate Additions of Heteroatoms to α,β -Unsaturated Carbonyl Compounds 2010 , 295-319		4
138	Domino Reactions Involving Catalytic Enantioselective Conjugate Additions 2010 , 321-350		39
137	Asymmetric Epoxidations of α,β -Unsaturated Carbonyl Compounds 2010 , 351-391		1
136	Dynamic kinetic asymmetric transformation (DYKAT) by combined amine- and transition-metal-catalyzed enantioselective cycloisomerization. <i>Chemistry - A European Journal</i> , 2010 , 16, 1585-91	4.8	96
135	Dynamic kinetic asymmetric domino oxa-Michael/carbocyclization by combination of transition-metal and amine catalysis: catalytic enantioselective synthesis of dihydrofurans. <i>Chemistry - A European Journal</i> , 2010 , 16, 13930-4	4.8	74
134	Nonlinear effects in asymmetric amino acid catalysis by multiple interconnected stereoselective catalytic networks. <i>Chemistry - A European Journal</i> , 2010 , 16, 13935-40	4.8	6
133	Heterogeneous "Organoclick" Derivatization of Polysaccharides: Photochemical Thiol-ene Click Modification of Solid Cellulose. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 740-4	4.8	61
132	Organocatalytic diastereoselective dibromination of alkenes. <i>Tetrahedron Letters</i> , 2010 , 51, 2708-2712	2	20
131	Highly enantioselective organocatalytic addition of aldehydes to N-(Phenylmethylene)benzamides: asymmetric synthesis of the paclitaxel side chain and its analogues. <i>Chemistry - A European Journal</i> , 2009 , 15, 4044-8	4.8	45
130	Enantioselective organocatalytic conjugate addition of fluorocarbon nucleophiles to α,β -unsaturated aldehydes. <i>Chemistry - A European Journal</i> , 2009 , 15, 10013-7	4.8	68
129	Highly Z- and enantioselective ring-opening/cross-metathesis reactions and Z-selective ring-opening metathesis polymerization. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8827-31	16.4	13
128	Organocatalytic enantioselective domino synthesis of highly functionalized cyclohexanes with an all-carbon quaternary stereocenter. <i>Tetrahedron Letters</i> , 2009 , 50, 3458-3462	2	32
127	Inorganic ammonium salts as catalysts for direct aldol reactions in the presence of water. <i>Tetrahedron Letters</i> , 2009 , 50, 7242-7245	2	8
126	Products and kinetics of the liquid-phase reaction of glyoxal catalyzed by ammonium ions (NH ₄ ⁺). <i>Journal of Physical Chemistry A</i> , 2009 , 113, 231-7	2.8	210
125	Examples of catalytic asymmetric amine synthesis using organic catalysts. <i>Current Opinion in Drug Discovery & Development</i> , 2009 , 12, 824-47		1
124	A kinetic and mechanistic study of the amino acid catalyzed aldol condensation of acetaldehyde in aqueous and salt solutions. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 2827-37	2.8	106
123	Risk for postpartum depression, breastfeeding practices, and mammary gland permeability. <i>Journal of Human Lactation</i> , 2008 , 24, 50-7	2.6	27
122	Catalytic Enantioselective 5-Hydroxyisoxazolidine Synthesis: An Asymmetric Entry to β -Amino Acids. <i>Synthesis</i> , 2008 , 2008, 1153-1157	2.9	3

121	One-pot catalytic asymmetric cascade synthesis of cycloheptane derivatives. <i>Chemistry - A European Journal</i> , 2008 , 14, 2693-8	4.8	46
120	One-pot organocatalytic domino Michael/alpha-alkylation reactions: direct catalytic enantioselective cyclopropanation and cyclopentanation reactions. <i>Chemistry - A European Journal</i> , 2008 , 14, 7867-79	4.8	143
119	One-pot catalytic enantioselective domino nitro-michael/michael synthesis of cyclopentanes with four stereocenters. <i>Chemistry - A European Journal</i> , 2008 , 14, 10007-11	4.8	40
118	Organocatalytic enantioselective aminosulfonylation of alpha,beta-unsaturated aldehydes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8468-72	16.4	112
117	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	5.6	63
116	Organocatalytic Highly Enantioselective Conjugate Addition of Aldehydes to Alkylidene Malonates. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 657-661	5.6	45
115	Organocatalytic Asymmetric Hydrophosphination of α -Unsaturated Aldehydes: Development, Mechanism and DFT Calculations. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1875-1884	5.6	76
114	Asymmetric Amplification in the Amino Acid-Catalyzed Synthesis of Amino Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 9-9	5.6	
113	Organocatalytic Enantioselective Aminosulfonylation of α -Unsaturated Aldehydes. <i>Angewandte Chemie</i> , 2008 , 120, 8596-8600	3.6	44
112	Density functional theory study of the stereoselectivity in small peptide-catalyzed intermolecular aldol reactions. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 1617-1621		13
111	Direct catalytic asymmetric three-component Mannich reactions with dihydroxyacetone: enantioselective synthesis of amino sugar derivatives. <i>Tetrahedron Letters</i> , 2008 , 49, 803-807	2	40
110	Proline and Lewis base co-catalyzed addition of α -unsaturated aldehydes to nitrostyrenes. <i>Tetrahedron Letters</i> , 2008 , 49, 1137-1140	2	14
109	Organocatalytic asymmetric nitrocyclopropanation of α -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2008 , 49, 4209-4212	2	79
108	Catalytic asymmetric synthesis of the docetaxel (Taxotere) side chain: organocatalytic highly enantioselective synthesis of esterification-ready β -hydroxy- β -amino acids. <i>Tetrahedron Letters</i> , 2008 , 49, 6631-6634	2	40
107	Formation of secondary light-absorbing fulvic-like oligomers: A common process in aqueous and ionic atmospheric particles?. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	79
106	Organocatalytic asymmetric 5-hydroxyisoxazolidine synthesis: a highly enantioselective route to beta-amino acids. <i>Chemical Communications</i> , 2007 , 849-51	5.8	136
105	Direct Bronsted acid-catalyzed derivatization of cellulose with poly(L-lactic acid) and D-mandelic acid. <i>Nordic Pulp and Paper Research Journal</i> , 2007 , 22, 184-187	1.1	12
104	Catalytic enantioselective domino oxa-michael/aldol condensations: asymmetric synthesis of benzopyran derivatives. <i>Chemistry - A European Journal</i> , 2007 , 13, 574-81	4.8	208

103	Direct catalytic enantioselective alpha-aminomethylation of aldehydes. <i>Chemistry - A European Journal</i> , 2007 , 13, 683-8	4.8	34
102	Organocatalytic enantioselective aziridination of alpha,beta-unsaturated aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 778-81	16.4	205
101	Enantioselective organocatalytic hydrophosphination of alpha,beta-unsaturated aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4507-10	16.4	150
100	Organocatalytic Enantioselective Aziridination of α,β -Unsaturated Aldehydes. <i>Angewandte Chemie</i> , 2007 , 119, 792-795	3.6	94
99	Enantioselective Organocatalytic Hydrophosphination of α,β -Unsaturated Aldehydes. <i>Angewandte Chemie</i> , 2007 , 119, 4591-4594	3.6	48
98	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	5.6	114
97	Amine-Catalyzed Asymmetric Epoxidation of α,β -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1210-1224	5.6	53
96	A Simple Organocatalytic Enantioselective Cyclopropanation of α,β -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1028-1032	5.6	176
95	Asymmetric Amplification in the Amino Acid-Catalyzed Synthesis of Amino Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1868-1872	5.6	11
94	Direct Enantioselective Synthesis of Bicyclic Diels-Alder Products. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2549-2555	5.6	53
93	Acyclic β -amino acid catalyzed asymmetric anti-selective Mannich-type reactions. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 1033-1037		45
92	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	2	52
91	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	2	105
90	A simple and concise catalytic asymmetric entry to tetrahydroxanthones. <i>Tetrahedron Letters</i> , 2007 , 48, 2181-2184	2	47
89	A simple one-pot, three-component, catalytic, highly enantioselective isoxazolidine synthesis. <i>Tetrahedron Letters</i> , 2007 , 48, 5701-5705	2	63
88	One-pot organocatalytic domino Michael/alkylation reactions: highly enantioselective synthesis of functionalized cyclopentanones and cyclopentanol. <i>Tetrahedron Letters</i> , 2007 , 48, 5835-5839	2	72
87	A one-pot combination of amine and heterocyclic carbene catalysis: direct asymmetric synthesis of β -hydroxy and β -malonate esters from α,β -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2007 , 48, 5976-5980	2	46
86	Organocatalytic asymmetric multi-component [C+NC+CC] synthesis of highly functionalized pyrrolidine derivatives. <i>Tetrahedron Letters</i> , 2007 , 48, 6252-6257	2	110

85	Aza-Morita-Baylis-Hillman-type reactions: highly enantioselective organocatalytic addition of unmodified α -unsaturated aldehydes to N-Boc protected imines. <i>Tetrahedron Letters</i> , 2007 , 48, 6900-6904	2	64
84	Organocatalytic highly enantioselective β -selenenylation of aldehydes. <i>Tetrahedron Letters</i> , 2007 , 48, 7865-7869	2	46
83	Organocatalytic asymmetric 5-hydroxypyrrolidine synthesis: a highly enantioselective route to 3-substituted proline derivatives. <i>Tetrahedron Letters</i> , 2007 , 48, 8695-8699	2	49
82	One-Pot Pyrrolidine-Catalyzed Synthesis of Benzopyrans, Benzothiopyrans, and Dihydroquinolidines. <i>Chimia</i> , 2007 , 61, 219-223	1.3	13
81	Organocatalytic enantioselective conjugate addition of aldehydes to maleimides. <i>Chemical Communications</i> , 2007 , 734-5	5.8	91
80	Direct asymmetric intermolecular aldol reactions catalyzed by amino acids and small peptides. <i>Chemistry - A European Journal</i> , 2006 , 12, 5383-97	4.8	221
79	Sugar-assisted kinetic resolution of amino acids and amplification of enantiomeric excess of organic molecules. <i>Chemistry - A European Journal</i> , 2006 , 12, 5446-51	4.8	23
78	Direct Asymmetric Intermolecular Aldol Reactions Catalyzed by Amino Acids and Small Peptides. <i>Chemistry - A European Journal</i> , 2006 , 12, 5175-5175	4.8	9
77	Direct catalytic intermolecular α -allylic alkylation of aldehydes by combination of transition-metal and organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1952-6	16.4	331
76	Heterogeneous Organoclick Derivatization of Polysaccharides. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1362-1366	4.8	81
75	Direct Catalytic Intermolecular β -Allylic Alkylation of Aldehydes by Combination of Transition-Metal and Organocatalysis. <i>Angewandte Chemie</i> , 2006 , 118, 1986-1990	3.6	137
74	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	5.6	80
73	Small Peptide-Catalyzed Enantioselective Addition of Ketones to Nitroolefins. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 418-424	5.6	134
72	Organocatalytic Asymmetric β -Aminomethylation of Cyclohexanones. <i>Synthesis</i> , 2006 , 2006, 4060-4064	2.9	4
71	Organocatalytic Asymmetric Synthesis of 1,2,3-prim,sec,sec-Triols. <i>Synlett</i> , 2006 , 2006, 3521-3524	2.2	5
70	The small peptide-catalyzed direct asymmetric aldol reaction in water. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 38-40	3.9	171
69	Direct Organocatalytic Chemoselective Synthesis of a Dendrimer-like Star Polyester. <i>Macromolecules</i> , 2006 , 39, 2819-2822	5.5	40
68	A concise enantioselective synthesis of iminosugar derivatives. <i>Chemical Communications</i> , 2006 , 674-6	5.8	50

67	Simple highly modular acyclic amine-catalyzed direct enantioselective addition of ketones to nitro-olefins. <i>Chemical Communications</i> , 2006 , 460-2	5.8	145
66	Direct catalytic asymmetric anti-selective Mannich-type reactions. <i>Chemical Communications</i> , 2006 , 1760-2	5.8	109
65	Direct organocatalytic enantioselective α -aminomethylation of ketones. <i>Tetrahedron</i> , 2006 , 62, 357-364	2.4	66
64	Direct organocatalytic asymmetric epoxidation of α,β -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2006 , 47, 99-103	2	131
63	A route to 1,2-diols by enantioselective organocatalytic α -oxidation with molecular oxygen. <i>Tetrahedron Letters</i> , 2006 , 47, 4659-4663	2	71
62	Direct one-pot highly enantioselective assembly of polyketide and carbohydrate synthons. <i>Tetrahedron Letters</i> , 2006 , 47, 4929-4932	2	35
61	Non-linear effects in acyclic amino acid-catalyzed direct asymmetric aldol reactions. <i>Tetrahedron Letters</i> , 2006 , 47, 6657-6661	2	26
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58	A one-pot organocatalytic asymmetric entry to tetrahydrothioxanthenones. <i>Tetrahedron Letters</i> , 2006 , 47, 8679-8682	2	78
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52	Amino acid-catalyzed direct enantioselective synthesis of α -amino- β -xyaldehydes. <i>Tetrahedron Letters</i> , 2005 , 46, 2839-2843	2	70
51	Amino acid catalyzed direct enantioselective formation of carbohydrates: one-step de novo synthesis of ketoses. <i>Tetrahedron Letters</i> , 2005 , 46, 3363-3367	2	124
50	Novel organic catalysts for the direct enantioselective α -oxidation of carbonyl compounds. <i>Tetrahedron Letters</i> , 2005 , 46, 3385-3389	2	77

49	Enantioselective addition of aldehydes to amines via combined catalytic biomimetic oxidation and organocatalytic C-C bond formation. <i>Tetrahedron Letters</i> , 2005 , 46, 3965-3968	2	49
48	Amino acid-catalyzed dynamic kinetic asymmetric transformations (DYKAT): one-step de novo synthesis of polyketide sugars from racemic hydroxy aldehydes. <i>Tetrahedron Letters</i> , 2005 , 46, 6605-6609		50
47	Direct amino acid catalyzed asymmetric synthesis of polyketide sugars. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1343-5	16.4	181
46	Direct catalytic enantioselective aza-Diels-Alder reactions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4877-80	16.4	222
45	The origin of stereoselectivity in primary amino acid catalyzed intermolecular aldol reactions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7028-32	16.4	119
44	Direct Amino Acid Catalyzed Asymmetric Synthesis of Polyketide Sugars. <i>Angewandte Chemie</i> , 2005 , 117, 1367-1369	3.6	60
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34	Direct Organocatalytic Ring-Opening Polymerizations of Lactones. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 1087-1089	5.6	71
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32	Direct Amino Acid Catalyzed Asymmetric alpha-Oxidation of Ketones with Molecular Oxygen. <i>Angewandte Chemie</i> , 2004 , 116, 6694-6697	3.6	39

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28	Direct catalytic asymmetric cross-aldol reactions in ionic liquid media. <i>Tetrahedron Letters</i> , 2004 , 45, 3949-3952	4.2	142
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