Paolo Melchiorre

List of Publications by Year in Descending Order

181 papers	15,562 citations	71 h-index	121 g-index
265 ext. papers	17,624 ext. citations	9.9 avg, IF	7.39 L-index

#	Paper	IF	Citations
181	Photochemical Organocatalytic Benzylation of Allylic C-H Bonds.. *Journal of the American Chemical Society*, **2022**, 144, 1113-1118	16.4	11
180	Photoredox Organocatalysis for the Enantioselective Synthesis of 1,7-Dicarbonyl Compounds.. *Organic Letters*, **2022**, 24, 1695-1699	6.2	1
179	Lewis Base-Catalysed Enantioselective Radical Conjugate Addition for the Synthesis of Enantioenriched Pyrrolidinones.. *Angewandte Chemie - International Edition*, **2022**,	16.4	2
178	Photochemical organocatalytic enantioselective radical □Functionalization of □branched enals.. *Chemical Communications*, **2022**, 58, 6072-6075	5.8	0
177	ASYMMETRIC PHOTOREDOX REACTIONS WITHOUT PHOTOCATALYSTS **2022**, 329-354		
176	Photochemical Organocatalytic Regio- and Enantioselective Conjugate Addition of Allyl Groups to Enals. *Angewandte Chemie - International Edition*, **2021**, 60, 26373-26377	16.4	2
175	Photochemical Organocatalytic Regio- and Enantioselective Conjugate Addition of Allyl Groups to Enals. *Angewandte Chemie*, **2021**, 133, 26577	3.6	0
174	Catalytic asymmetric C-C cross-couplings enabled by photoexcitation. *Nature Chemistry*, **2021**, 13, 575-580	17.6	17
173	A General Organocatalytic System for Enantioselective Radical Conjugate Additions to Enals. *Angewandte Chemie*, **2021**, 133, 5417-5422	3.6	6
172	A General Organocatalytic System for Enantioselective Radical Conjugate Additions to Enals. *Angewandte Chemie - International Edition*, **2021**, 60, 5357-5362	16.4	21
171	Photochemical Chemoselective Alkylation of Tryptophan-Containing Peptides. *Organic Letters*, **2021**, 23, 285-289	6.2	12
170	A General Organocatalytic System for Electron Donor-Acceptor Complex Photoactivation and Its Use in Radical Processes. *Journal of the American Chemical Society*, **2021**, 143, 12304-12314	16.4	22
169	Photochemical generation of acyl and carbamoyl radicals using a nucleophilic organic catalyst: applications and mechanism thereof. *Chemical Science*, **2020**, 11, 6312-6324	9.4	22
168	Giuseppe Bartoli (1941-2020). *Angewandte Chemie - International Edition*, **2020**, 59, 6962	16.4	
167	Synthetic Methods Driven by the Photoactivity of Electron Donor-Acceptor Complexes. *Journal of the American Chemical Society*, **2020**, 142, 5461-5476	16.4	258
166	Chemistry glows green with photoredox catalysis. *Nature Communications*, **2020**, 11, 803	17.4	101
165	Amide Synthesis by Nickel/Photoredox-Catalyzed Direct Carbamoylation of (Hetero)Aryl Bromides. *Angewandte Chemie - International Edition*, **2020**, 59, 5248-5253	16.4	43

164	A Photochemical Organocatalytic Strategy for the Alkylation of Ketones by using Radicals. *Angewandte Chemie*, **2020**, 132, 9572-9577	3.6	19
163	Amide Synthesis by Nickel/Photoredox-Catalyzed Direct Carbamoylation of (Hetero)Aryl Bromides. *Angewandte Chemie*, **2020**, 132, 5286-5291	3.6	14
162	A Photochemical Organocatalytic Strategy for the Alkylation of Ketones by using Radicals. *Angewandte Chemie - International Edition*, **2020**, 59, 9485-9490	16.4	40
161	Photo-Organocatalytic Enantioselective Radical Cascade Enabled by Single-Electron Transfer Activation of Allenes. *Advanced Synthesis and Catalysis*, **2020**, 362, 302-307	5.6	15
160	Photochemical Organocatalytic Borylation of Alkyl Chlorides, Bromides, and Sulfonates. *ACS Catalysis*, **2019**, 9, 5876-5880	13.1	61
159	A visible-light mediated three-component radical process using dithiocarbamate anion catalysis. *Chemical Science*, **2019**, 10, 5484-5488	9.4	27
158	A Redox-Active Nickel Complex that Acts as an Electron Mediator in Photochemical Giese Reactions. *Angewandte Chemie*, **2019**, 131, 5007-5011	3.6	18
157	A Redox-Active Nickel Complex that Acts as an Electron Mediator in Photochemical Giese Reactions. *Angewandte Chemie - International Edition*, **2019**, 58, 4953-4957	16.4	63
156	Photochemical Asymmetric Nickel-Catalyzed Acyl Cross-Coupling. *Angewandte Chemie - International Edition*, **2019**, 58, 16854-16858	16.4	51
155	Photochemical C-H Hydroxyalkylation of Quinolines and Isoquinolines. *Angewandte Chemie - International Edition*, **2019**, 58, 16878-16883	16.4	48
154	Photochemical Asymmetric Nickel-Catalyzed Acyl Cross-Coupling. *Angewandte Chemie*, **2019**, 131, 17010-17014	3.6	8
153	Photochemical CH Hydroxyalkylation of Quinolines and Isoquinolines. *Angewandte Chemie*, **2019**, 131, 17034-17039	3.6	9
152	Stereocontrolled Synthesis of 1,4-Dicarbonyl Compounds by Photochemical Organocatalytic Acyl Radical Addition to Enals. *Angewandte Chemie - International Edition*, **2019**, 58, 1213-1217	16.4	122
151	Stereocontrolled Synthesis of 1,4-Dicarbonyl Compounds by Photochemical Organocatalytic Acyl Radical Addition to Enals. *Angewandte Chemie*, **2019**, 131, 1226-1230	3.6	47
150	Mechanistische Studien in der Photokatalyse. *Angewandte Chemie*, **2019**, 131, 3768-3786	3.6	82
149	Mechanistic Studies in Photocatalysis. *Angewandte Chemie - International Edition*, **2019**, 58, 3730-3747	16.4	318
148	Photochemical generation of radicals from alkyl electrophiles using a nucleophilic organic catalyst. *Nature Chemistry*, **2019**, 11, 129-135	17.6	87
147	Enhancing the potential of enantioselective organocatalysis with light. *Nature*, **2018**, 554, 41-49	50.4	298

146	Direct Stereoselective Installation of Alkyl Fragments at the β-Carbon of Enals via Excited Iminium Ion Catalysis. *ACS Catalysis*, **2018**, 8, 1062-1066	13.1	81
145	Organocatalytic Strategies to Stereoselectively Trap Photochemically Generated Hydroxy-o-quinodimethanes. *European Journal of Organic Chemistry*, **2018**, 2018, 2884-2891	3.2	18
144	Asymmetric Photocatalytic C-H Functionalization of Toluene and Derivatives. *Journal of the American Chemical Society*, **2018**, 140, 8439-8443	16.4	76
143	Photo-Organocatalytic Enantioselective Radical Cascade Reactions of Unactivated Olefins. *Angewandte Chemie - International Edition*, **2018**, 57, 12819-12823	16.4	41
142	Photo-Organocatalytic Enantioselective Radical Cascade Reactions of Unactivated Olefins. *Angewandte Chemie*, **2018**, 130, 13001-13005	3.6	17
141	Enantioselective radical conjugate additions driven by a photoactive intramolecular iminium-ion-based EDA complex. *Nature Communications*, **2018**, 9, 3274	17.4	80
140	Enantioselective Photochemical Organocascade Catalysis. *Angewandte Chemie - International Edition*, **2018**, 57, 1068-1072	16.4	68
139	Enantioselective Photochemical Organocascade Catalysis. *Angewandte Chemie*, **2018**, 130, 1080-1084	3.6	31
138	Studies on the Enantioselective Iminium Ion Trapping of Radicals Triggered by an Electron-Relay Mechanism. *Journal of the American Chemical Society*, **2017**, 139, 4559-4567	16.4	44
137	Light-Driven Enantioselective Organocatalytic β-Benzylation of Enals. *Angewandte Chemie - International Edition*, **2017**, 56, 3304-3308	16.4	43
136	Light-Driven Enantioselective Organocatalytic β-Benzylation of Enals. *Angewandte Chemie*, **2017**, 129, 3352-3356	3.6	14
135	Enantioselective Formal β-Methylation and β-Benzylation of Aldehydes by Means of Photo-organocatalysis. *Angewandte Chemie*, **2017**, 129, 4518-4522	3.6	18
134	Visible-light excitation of iminium ions enables the enantioselective catalytic β-alkylation of enals. *Nature Chemistry*, **2017**, 9, 868-873	17.6	182
133	Enantioselective Formal β-Methylation and β-Benzylation of Aldehydes by Means of Photo-organocatalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 4447-4451	16.4	64
132	Radical-Based C-C Bond-Forming Processes Enabled by the Photoexcitation of 4-Alkyl-1,4-dihydropyridines. *Angewandte Chemie - International Edition*, **2017**, 56, 15039-15043	16.4	154
131	Radical-Based C□C Bond-Forming Processes Enabled by the Photoexcitation of 4-Alkyl-1,4-dihydropyridines. *Angewandte Chemie*, **2017**, 129, 15235-15239	3.6	66
130	Forging Fluorine-Containing Quaternary Stereocenters by a Light-Driven Organocatalytic Aldol Desymmetrization Process. *Angewandte Chemie - International Edition*, **2017**, 56, 11875-11879	16.4	41
129	Forging Fluorine-Containing Quaternary Stereocenters by a Light-Driven Organocatalytic Aldol Desymmetrization Process. *Angewandte Chemie*, **2017**, 129, 12037-12041	3.6	15

128	Enamine-Mediated Catalysis (n?-??) **2016**, 857-902		3
127	Mechanism of the Stereoselective □-Alkylation of Aldehydes Driven by the Photochemical Activity of Enamines. *Journal of the American Chemical Society*, **2016**, 138, 8019-30	16.4	152
126	Brønsted acid-catalysed conjugate addition of photochemically generated □-amino radicals to alkenylpyridines. *Chemical Communications*, **2016**, 52, 3520-3	5.8	62
125	Enantioselective Organocatalytic Diels-Alder Trapping of Photochemically Generated Hydroxy-o-Quinodimethanes. *Angewandte Chemie - International Edition*, **2016**, 55, 3313-7	16.4	71
124	Enantioselective Vinylogous Organocascade Reactions. *Chemical Record*, **2016**, 16, 1787-806	6.6	74
123	Enantioselective Organocatalytic Diels-Alder Trapping of Photochemically Generated Hydroxy-o-Quinodimethanes. *Angewandte Chemie*, **2016**, 128, 3374-3378	3.6	29
122	Asymmetric catalytic formation of quaternary carbons by iminium ion trapping of radicals. *Nature*, **2016**, 532, 218-22	50.4	262
121	Light-Triggered Enantioselective Organocatalytic Mannich-Type Reaction. *Synthesis*, **2016**, 49, 76-86	2.9	5
120	Enantioselective organocatalytic alkylation of aldehydes and enals driven by the direct photoexcitation of enamines. *Journal of the American Chemical Society*, **2015**, 137, 6120-3	16.4	197
119	Diastereodivergent organocatalysis for the asymmetric synthesis of chiral annulated furans. *Chemical Science*, **2015**, 6, 4242-4246	9.4	48
118	Photo-organocatalytic Enantioselective Perfluoroalkylation of □-Ketoesters. *Journal of the American Chemical Society*, **2015**, 137, 5678-81	16.4	207
117	Computational study with DFT and kinetic models on the mechanism of photoinitiated aromatic perfluoroalkylations. *Organic Letters*, **2015**, 17, 2676-9	6.2	55
116	Photochemical direct perfluoroalkylation of phenols. *Tetrahedron*, **2015**, 71, 4535-4542	2.4	44
115	Organic chemistry: Light opens pathways for nickel catalysis. *Nature*, **2015**, 524, 297-8	50.4	23
114	X-ray characterization of an electron donor-acceptor complex that drives the photochemical alkylation of indoles. *Angewandte Chemie - International Edition*, **2015**, 54, 1485-9	16.4	140
113	X-Ray Characterization of an Electron Donor-Acceptor Complex that Drives the Photochemical Alkylation of Indoles. *Angewandte Chemie*, **2015**, 127, 1505-1509	3.6	40
112	Metal-free photochemical aromatic perfluoroalkylation of □-cyano arylacetates. *Angewandte Chemie - International Edition*, **2014**, 53, 4921-5	16.4	167
111	Photo-organocatalysis of atom-transfer radical additions to alkenes. *Angewandte Chemie - International Edition*, **2014**, 53, 12064-8	16.4	192

110	Enantioselective direct α-alkylation of cyclic ketones by means of photo-organocatalysis. *Chemical Science*, **2014**, 5, 2438	9.4	137
109	Asymmetric Vinylogous Diels–Alder Reactions Catalyzed by a Chiral Phosphoric Acid. *Angewandte Chemie*, **2014**, 126, 3041-3044	3.6	19
108	Metal-Free Photochemical Aromatic Perfluoroalkylation of α-Cyano Arylacetates. *Angewandte Chemie*, **2014**, 126, 5021-5025	3.6	63
107	Photo-Organocatalysis of Atom-Transfer Radical Additions to Alkenes. *Angewandte Chemie*, **2014**, 126, 12260-12264	3.6	49
106	Asymmetric vinylogous Diels-Alder reactions catalyzed by a chiral phosphoric acid. *Angewandte Chemie - International Edition*, **2014**, 53, 2997-3000	16.4	88
105	Synthesis of Cyclopropane Spirooxindoles by means of a Vinylogous Organocatalytic Cascade. *Asian Journal of Organic Chemistry*, **2014**, 3, 466-469	3	33
104	Photochemical activity of a key donor-acceptor complex can drive stereoselective catalytic α-alkylation of aldehydes. *Nature Chemistry*, **2013**, 5, 750-6	17.6	419
103	Three or More Components Reactions (Single Catalyst Systems) **2013**, 1285-1331		2
102	Controlling the molecular topology of vinylogous iminium ions by logical substrate design: highly regio- and stereoselective aminocatalytic 1,6-addition to linear 2,4-dienals. *Angewandte Chemie - International Edition*, **2013**, 52, 10780-3	16.4	94
101	Asymmetric vinylogous aldol reaction via H-bond-directing dienamine catalysis. *Organic Letters*, **2013**, 15, 220-3	6.2	62
100	Control of remote stereochemistry in the synthesis of spirocyclic oxindoles: vinylogous organocascade catalysis. *Angewandte Chemie - International Edition*, **2013**, 52, 5360-3	16.4	106
99	When asymmetric aminocatalysis meets the vinylogy principle. *Chemical Communications*, **2013**, 49, 4869-83	5.8	207
98	Synthesis of 9-amino(9-deoxy)epi cinchona alkaloids, general chiral organocatalysts for the stereoselective functionalization of carbonyl compounds. *Nature Protocols*, **2013**, 8, 325-44	18.8	48
97	A mechanistic rationale for the 9-amino(9-deoxy)epi cinchona alkaloids catalyzed asymmetric reactions via iminium ion activation of enones. *Journal of the American Chemical Society*, **2013**, 135, 9091-8	16.4	60
96	Vinylogous Organocatalytic Triple Cascade Reaction: Forging Six Stereocenters in Complex Spiro-Oxindolic Cyclohexanes. *Advanced Synthesis and Catalysis*, **2013**, 355, 3124-3130	5.6	49
95	Control of Remote Stereochemistry in the Synthesis of Spirocyclic Oxindoles: Vinylogous Organocascade Catalysis. *Angewandte Chemie*, **2013**, 125, 5468-5471	3.6	44
94	Controlling the Molecular Topology of Vinylogous Iminium Ions by Logical Substrate Design: Highly Regio- and Stereoselective Aminocatalytic 1,6-Addition to Linear 2,4-Dienals. *Angewandte Chemie*, **2013**, 125, 10980-10983	3.6	32
93	Dioxindole in asymmetric catalytic synthesis: routes to enantioenriched 3-substituted 3-hydroxyoxindoles and the preparation of maremycin A. *Angewandte Chemie - International Edition* , **2012**, 51, 971-4	16.4	174

92	Secondary Amine-Catalyzed Asymmetric □Alkylation of □Branched Enals via Dienamine Activation. *Helvetica Chimica Acta*, **2012**, 95, 1985-2006	2	28
91	Dioxindole in asymmetric catalytic synthesis: direct access to 3-substituted 3-hydroxy-2-oxindoles via 1,4-additions to nitroalkenes. *Chemical Communications*, **2012**, 48, 3336-8	5.8	58
90	Multicatalytic asymmetric synthesis of complex tetrahydrocarbazoles via a Diels-Alder/benzoin reaction sequence. *Organic Letters*, **2012**, 14, 1310-3	6.2	129
89	Katalyse mit prim□en Cinchona-Aminen zur asymmetrischen Funktionalisierung von Carbonylverbindungen. *Angewandte Chemie*, **2012**, 124, 9886-9909	3.6	105
88	Cinchona-based primary amine catalysis in the asymmetric functionalization of carbonyl compounds. *Angewandte Chemie - International Edition*, **2012**, 51, 9748-70	16.4	355
87	Direct catalytic enantioselective vinylogous aldol reaction of □branched enals with isatins. *Organic Letters*, **2012**, 14, 5590-3	6.2	95
86	Dioxindole in Asymmetric Catalytic Synthesis: Routes to Enantioenriched 3-Substituted 3-Hydroxyoxindoles and the Preparation of Maremycin A. *Angewandte Chemie*, **2012**, 124, 995-998	3.6	59
85	Erweiterung der Strategie zur aminokatalytischen Aktivierung durch HOMO-Anhebung: Wo ist die Grenze?. *Angewandte Chemie*, **2012**, 124, 5384-5386	3.6	41
84	Aminocatalytic Enantioselective 1,6 Additions of Alkyl Thiols to Cyclic Dienones: Vinylogous Iminium Ion Activation. *Angewandte Chemie*, **2012**, 124, 6545-6548	3.6	43
83	Extending the aminocatalytic HOMO-raising activation strategy: where is the limit?. *Angewandte Chemie - International Edition*, **2012**, 51, 5290-2	16.4	112
82	Aminocatalytic enantioselective 1,6 additions of alkyl thiols to cyclic dienones: vinylogous iminium ion activation. *Angewandte Chemie - International Edition*, **2012**, 51, 6439-42	16.4	132
81	A Bio-Inspired Route to □Amino Acid Derivatives. *ChemCatChem*, **2012**, 4, 459-461	5.2	7
80	Asymmetric catalysis of Diels-Alder reactions with in situ generated heterocyclic ortho-quinodimethanes. *Journal of the American Chemical Society*, **2011**, 133, 15212-8	16.4	323
79	Diastereodivergent asymmetric sulfa-Michael additions of □branched enones using a single chiral organic catalyst. *Journal of the American Chemical Society*, **2011**, 133, 17934-41	16.4	203
78	Multiple approaches to enantiopure spirocyclic benzofuranones using organocatalytic cascade reactions. *Chemical Communications*, **2011**, 47, 233-5	5.8	83
77	Asymmetric Michael Addition of Nitrobenzyl Pyridines to Enals via Iminium Catalysis. *Synlett*, **2011**, 2011, 489-494	2.2	5
76	Organocatalytic Asymmetric Conjugate Additions of Oxindoles and Benzofuranones to Cyclic Enones. *Synlett*, **2010**, 2010, 1704-1708	2.2	2
75	Direct asymmetric vinylogous Michael addition of cyclic enones to nitroalkenes via dienamine catalysis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 20642-7	11.5	169

74	Perchloric acid and its salts: very powerful catalysts in organic chemistry. *Chemical Reviews*, **2010**, 110, 3501-51	68.1	81
73	Asymmetric catalytic aziridination of cyclic enones. *Chemistry - an Asian Journal*, **2010**, 5, 1652-6	4.5	55
72	Chemoselectivity in Asymmetric Aminocatalysis. *ChemCatChem*, **2010**, 2, 621-623	5.2	24
71	Controlling stereoselectivity in the aminocatalytic enantioselective Mannich reaction of aldehydes with in situ generated N-carbamoyl imines. *Chemistry - A European Journal*, **2010**, 16, 6069-76	4.8	42
70	Cooperative Organocatalysis for the Asymmetric □Alkylation of ⊟Branched Enals. *Angewandte Chemie*, **2010**, 122, 9879-9882	3.6	88
69	Cooperative organocatalysis for the asymmetric □alkylation of ⊟branched enals. *Angewandte Chemie - International Edition*, **2010**, 49, 9685-8	16.4	203
68	Erweiterter Einsatz der Aminokatalyse: die asymmetrische intermolekulare □Alkylierung von Aldehyden. *Angewandte Chemie*, **2009**, 121, 1386-1389	3.6	68
67	Asymmetric iminium ion catalysis with a novel bifunctional primary amine thiourea: controlling adjacent quaternary and tertiary stereocenters. *Chemistry - A European Journal*, **2009**, 15, 7846-9	4.8	153
66	Bifunctional catalysis by natural cinchona alkaloids: a mechanism explained. *Chemistry - A European Journal*, **2009**, 15, 7913-21	4.8	55
65	Targeting Structural and Stereochemical Complexity by Organocascade Catalysis: Construction of Spirocyclic Oxindoles Having Multiple Stereocenters. *Angewandte Chemie*, **2009**, 121, 7336-7339	3.6	162
64	Organocascade Reactions of Enones Catalyzed by a Chiral Primary Amine. *Angewandte Chemie*, **2009**, 121, 7332-7335	3.6	74
63	Asymmetric Organocatalytic Cascade Reactions with ⊟Substituted ⊞Unsaturated Aldehydes. *Angewandte Chemie*, **2009**, 121, 8032-8034	3.6	43
62	Light in aminocatalysis: the asymmetric intermolecular alpha-alkylation of aldehydes. *Angewandte Chemie - International Edition*, **2009**, 48, 1360-3	16.4	142
61	Targeting structural and stereochemical complexity by organocascade catalysis: construction of spirocyclic oxindoles having multiple stereocenters. *Angewandte Chemie - International Edition*, **2009**, 48, 7200-3	16.4	411
60	Organocascade reactions of enones catalyzed by a chiral primary amine. *Angewandte Chemie - International Edition*, **2009**, 48, 7196-9	16.4	183
59	Asymmetric organocatalytic cascade reactions with alpha-substituted alpha,beta-unsaturated aldehydes. *Angewandte Chemie - International Edition*, **2009**, 48, 7892-4	16.4	134
58	A Novel Organocatalytic Tool for the Iminium Activation of ⊞Unsaturated Ketones. *Synlett*, **2008**, 2008, 1759-1772	2.2	12
57	Magnesium perchlorate as efficient Lewis acid for the Knoevenagel condensation between ⊟diketones and aldehydes. *Tetrahedron Letters*, **2008**, 49, 2555-2557	2	67

56	Quaternary stereogenic carbon atoms in complex molecules by an asymmetric, organocatalytic, triple-cascade reaction. *Chemistry - A European Journal*, **2008**, 14, 4788-91	4.8	99
55	Multicomponent Domino Reaction Promoted by Mg(ClO4)2: Highly Efficient Access to Functionalized 1,4-Dihydropyridines. *European Journal of Organic Chemistry*, **2008**, 2008, 3970-3975	3.2	15
54	Asymmetric aminocatalysis--gold rush in organic chemistry. *Angewandte Chemie - International Edition*, **2008**, 47, 6138-71	16.4	1092
53	Organocatalytic asymmetric aziridination of enones. *Angewandte Chemie - International Edition*, **2008**, 47, 8703-6	16.4	160
52	Aminocatalytic enantioselective anti-Mannich reaction of aldehydes with in situ generated N-Cbz and N-Boc imines. *Angewandte Chemie - International Edition*, **2008**, 47, 8700-2	16.4	90
51	Proline-catalyzed asymmetric formal alpha-alkylation of aldehydes via vinylogous iminium ion intermediates generated from arylsulfonyl indoles. *Angewandte Chemie - International Edition*, **2008**, 47, 8707-10	16.4	175
50	Organocatalytic Asymmetric Sulfa-Michael Addition to β,γ-Unsaturated Ketones. *Advanced Synthesis and Catalysis*, **2008**, 350, 49-53	5.6	138
49	Die asymmetrische Aminokatalyse – Goldrausch in der organischen Chemie. *Angewandte Chemie*, **2008**, 120, 6232-6265	3.6	437
48	Organocatalytic Asymmetric Aziridination of Enones. *Angewandte Chemie*, **2008**, 120, 8831-8834	3.6	55
47	Aminocatalytic Enantioselective anti-Mannich Reaction of Aldehydes with In Situ Generated N-Cbz and N-Boc Imines. *Angewandte Chemie*, **2008**, 120, 8828-8830	3.6	36
46	Proline-Catalyzed Asymmetric Formal α-Alkylation of Aldehydes via Vinylogous Iminium Ion Intermediates Generated from Arylsulfonyl Indoles. *Angewandte Chemie*, **2008**, 120, 8835-8838	3.6	85
45	Organocatalytic asymmetric hydrophosphination of nitroalkenes. *Chemical Communications*, **2007**, 722-4	5.8	83
44	Organocatalytic asymmetric Friedel-Crafts alkylation of indoles with simple alpha,beta-unsaturated ketones. *Organic Letters*, **2007**, 9, 1403-5	6.2	280
43	Organocatalytic asymmetric hydrophosphination of alpha,beta-unsaturated aldehydes. *Angewandte Chemie - International Edition*, **2007**, 46, 4504-6	16.4	147
42	Organocatalytic asymmetric alpha-selenenylation of aldehydes. *Angewandte Chemie - International Edition*, **2007**, 46, 6882-5	16.4	87
41	Organocatalytic Asymmetric Hydrophosphination of β,γ-Unsaturated Aldehydes. *Angewandte Chemie*, **2007**, 119, 4588-4590	3.6	49
40	Organocatalytic Asymmetric α-Selenenylation of Aldehydes. *Angewandte Chemie*, **2007**, 119, 7006-7009	3.6	26
39	Taking Up the Cudgels for Perchlorates: Uses and Applications in Organic Reactions under Mild Conditions. *European Journal of Organic Chemistry*, **2007**, 2007, 2037-2049	3.2	18

38	Organocatalytic Asymmetric -Hydroxylation of -Unsaturated Ketones. *European Journal of Organic Chemistry*, **2007**, 2007, 5492-5495	3.2	70
37	Magnesium Perchlorate as Efficient Lewis Acid: A Simple and Convenient Route to 1,4-Dihydropyridines. *Synlett*, **2007**, 2007, 2897-2901	2.2	9
36	Reaction of Dicarbonates with Carboxylic Acids Catalyzed by Weak Lewis Acids: General Method for the Synthesis of Anhydrides and Esters. *Synthesis*, **2007**, 2007, 3489-3496	2.9	51
35	Organocatalytic asymmetric conjugate addition of 1,3-dicarbonyl compounds to maleimides. *Angewandte Chemie - International Edition*, **2006**, 45, 4966-70	16.4	134
34	Organocatalytic Asymmetric -Halogenation of 1,3-Dicarbonyl Compounds. *Angewandte Chemie - International Edition*, **2006**, 45, 340-340	16.4	
33	Solvent-Free Carbon-Oxygen Bond Formation Catalysed by CeCl3 7 H2O/NaI: Tetrahydropyranylation of Hydroxy Groups. *European Journal of Organic Chemistry*, **2006**, 2006, 1476-1482	3.2	14
32	A New, Mild, General and Efficient Route to Aryl Ethyl Carbonates in Solvent-Free Conditions Promoted by Magnesium Perchlorate. *European Journal of Organic Chemistry*, **2006**, 2006, 4429-4434	3.2	13
31	Organocatalytic Asymmetric Conjugate Addition of 1,3-Dicarbonyl Compounds to Maleimides. *Angewandte Chemie*, **2006**, 118, 5088-5092	3.6	50
30	Organocatalytic Asymmetric -Halogenation of 1,3-Dicarbonyl Compounds. *Angewandte Chemie*, **2006**, 118, 348-348	3.6	
29	tert-Butyl Ethers: Renaissance of an Alcohol Protecting Group. Facile Cleavage with Cerium(III) Chloride/Sodium Iodide. *Advanced Synthesis and Catalysis*, **2006**, 348, 905-910	5.6	27
28	The First Simple Method of Protection of Hydroxy Compounds as their O-Boc Derivatives under Lewis Acid Catalysis. *Synlett*, **2006**, 2006, 2104-2108	2.2	16
27	Alcohols and di-tert-butyl dicarbonate: how the nature of the Lewis acid catalyst may address the reaction to the synthesis of tert-butyl ethers. *Journal of Organic Chemistry*, **2006**, 71, 9580-8	4.2	39
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