

# Paolo Melchiorre

## List of Publications by Year in descending order

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172  
papers

19,526  
citations

7069

78  
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11899

134  
g-index

265  
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265  
docs citations

265  
times ranked

8303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Aminocatalysisâ€”Gold Rush in Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6138-6171.	7.2	1,175
2	Synthetic Methods Driven by the Photoactivity of Electron Donorâ€”Acceptor Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 5461-5476.	6.6	617
3	Mechanistic Studies in Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3730-3747.	7.2	559
4	Photochemical activity of a key donorâ€”acceptor complex can drive stereoselective catalytic $\beta$ -alkylation of aldehydes. <i>Nature Chemistry</i> , 2013, 5, 750-756.	6.6	530
5	Enhancing the potential of enantioselective organocatalysis with light. <i>Nature</i> , 2018, 554, 41-49.	13.7	466
6	Targeting Structural and Stereochemical Complexity by Organocascade Catalysis: Construction of Spirocyclic Oxindoles Having Multiple Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7200-7203.	7.2	429
7	Cinchonaâ€”based Primary Amine Catalysis in the Asymmetric Functionalization of Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9748-9770.	7.2	403
8	Asymmetric Catalysis of Dielsâ€”Alder Reactions with in Situ Generated Heterocyclic <i>ortho</i> -Quinodimethanes. <i>Journal of the American Chemical Society</i> , 2011, 133, 15212-15218.	6.6	357
9	Asymmetric catalytic formation of quaternary carbons by iminium ion trapping of radicals. <i>Nature</i> , 2016, 532, 218-222.	13.7	345
10	Organocatalytic Asymmetric Friedelâ€”Crafts Alkylation of Indoles with Simple $\beta$ -Unsaturated Ketones. <i>Organic Letters</i> , 2007, 9, 1403-1405.	2.4	300
11	Photo-organocatalytic Enantioselective Perfluoroalkylation of $\beta$ -Ketoesters. <i>Journal of the American Chemical Society</i> , 2015, 137, 5678-5681.	6.6	268
12	Sequential One-Pot InBr <sub>3</sub> -Catalyzed 1,4- then 1,2-Nucleophilic Addition to Enones. <i>Journal of Organic Chemistry</i> , 2002, 67, 3700-3704.	1.7	259
13	Enantioselective Organocatalytic Alkylation of Aldehydes and Enals Driven by the Direct Photoexcitation of Enamines. <i>Journal of the American Chemical Society</i> , 2015, 137, 6120-6123.	6.6	251
14	Visible-light excitation of iminium ions enables the enantioselective catalytic $\beta$ -alkylation of enals. <i>Nature Chemistry</i> , 2017, 9, 868-873.	6.6	237
15	Photoâ€”Organocatalysis of Atomâ€”Transfer Radical Additions to Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12064-12068.	7.2	234
16	When asymmetric aminocatalysis meets the vinylogy principle. <i>Chemical Communications</i> , 2013, 49, 4869.	2.2	233
17	Chemistry glows green with photoredox catalysis. <i>Nature Communications</i> , 2020, 11, 803.	5.8	231
18	Diastereodivergent Asymmetric Sulfa-Michael Additions of $\beta$ -Branched Enones using a Single Chiral Organic Catalyst. <i>Journal of the American Chemical Society</i> , 2011, 133, 17934-17941.	6.6	224

#	ARTICLE	IF	CITATIONS
19	Cooperative Organocatalysis for the Asymmetric $\beta$ -Alkylation of $\alpha$ -Branched Enals. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9685-9688.	7.2	219
20	Radical-Based C-C Bond-Forming Processes Enabled by the Photoexcitation of 4-Alkyl-1,4-dihydropyridines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15039-15043.	7.2	210
21	Organocascade Reactions of Enones Catalyzed by a Chiral Primary Amine. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7196-7199.	7.2	196
22	Mechanism of the Stereoselective $\beta$ -Alkylation of Aldehydes Driven by the Photochemical Activity of Enamines. <i>Journal of the American Chemical Society</i> , 2016, 138, 8019-8030.	6.6	196
23	Dioxindole in Asymmetric Catalytic Synthesis: Routes to Enantioenriched $\beta$ -Substituted $\alpha$ -Hydroxyoxindoles and the Preparation of Maremycin A. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 971-974.	7.2	194
24	Metal-Free Photochemical Aromatic Perfluoroalkylation of $\alpha$ -Cyano Arylacetates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4921-4925.	7.2	194
25	Proline-Catalyzed Asymmetric Formal $\beta$ -Alkylation of Aldehydes via Vinylogous Iminium Ion Intermediates Generated from Arylsulfonyl Indoles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8707-8710.	7.2	187
26	Direct Enantioselective Michael Addition of Aldehydes to Vinyl Ketones Catalyzed by Chiral Amines. <i>Journal of Organic Chemistry</i> , 2003, 68, 4151-4157.	1.7	186
27	X-Ray Characterization of an Electron Donor-Acceptor Complex that Drives the Photochemical Alkylation of Indoles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1485-1489.	7.2	183
28	Direct asymmetric vinylogous Michael addition of cyclic enones to nitroalkenes via dienamine catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20642-20647.	3.3	181
29	Organocatalytic Asymmetric Aziridination of Enones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8703-8706.	7.2	180
30	Stereocontrolled Synthesis of 1,4-Dicarbonyl Compounds by Photochemical Organocatalytic Acyl Radical Addition to Enals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1213-1217.	7.2	175
31	Organocatalytic Asymmetric Hydrophosphination of $\alpha,\beta$ -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4504-4506.	7.2	164
32	Asymmetric Iminium Ion Catalysis with a Novel Bifunctional Primary Amine Thiourea: Controlling Adjacent Quaternary and Tertiary Stereocenters. <i>Chemistry - A European Journal</i> , 2009, 15, 7846-7849.	1.7	159
33	Enantioselective direct $\beta$ -alkylation of cyclic ketones by means of photo-organocatalysis. <i>Chemical Science</i> , 2014, 5, 2438.	3.7	157
34	Photochemical generation of radicals from alkyl electrophiles using a nucleophilic organic catalyst. <i>Nature Chemistry</i> , 2019, 11, 129-135.	6.6	153
35	Light in Aminocatalysis: The Asymmetric Intermolecular $\beta$ -Alkylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1360-1363.	7.2	149
36	Multicatalytic Asymmetric Synthesis of Complex Tetrahydrocarbazoles via a Diels-Alder/Benzoin Reaction Sequence. <i>Organic Letters</i> , 2012, 14, 1310-1313.	2.4	149

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37	Organocatalytic Asymmetric Conjugate Addition of 1,3-Dicarbonyl Compounds to Maleimides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4966-4970.	7.2	147
38	Organocatalytic Asymmetric Sulfa $\alpha$ -Michael Addition to $\beta,\beta$ -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 49-53.	2.1	145
39	Asymmetric Organocatalytic Cascade Reactions with $\beta$ -Substituted $\beta,\beta$ -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7892-7894.	7.2	144
40	Aminocatalytic Enantioselective 1,6-Additions of Alkyl Thiols to Cyclic Dienones: Vinylogous Iminium-Ion Activation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6439-6442.	7.2	143
41	The First Catalytic Enantioselective Nozaki-Hiyama Reaction. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3357-3359.	7.2	137
42	Control of Remote Stereochemistry in the Synthesis of Spirocyclic Oxindoles: Vinylogous Organocascade Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5360-5363.	7.2	124
43	Kinetic Resolution of Epoxides by a C $\alpha$ -C Bond-Forming Reaction: Highly Enantioselective Addition of Indoles to <i>cis,trans</i> , and <i>meso</i> Aromatic Epoxides Catalyzed by [Cr(salen)] Complexes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 84-87.	7.2	120
44	Extending the Aminocatalytic HOMO-Raising Activation Strategy: Where Is the Limit?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5290-5292.	7.2	119
45	Enantioselective radical conjugate additions driven by a photoactive intramolecular iminium-ion-based EDA complex. <i>Nature Communications</i> , 2018, 9, 3274.	5.8	118
46	Asymmetric Aminolysis of Aromatic Epoxides: A Facile Catalytic Enantioselective Synthesis of anti- $\beta$ -Amino Alcohols. <i>Organic Letters</i> , 2004, 6, 2173-2176.	2.4	116
47	Mechanistische Studien in der Photokatalyse. <i>Angewandte Chemie</i> , 2019, 131, 3768-3786.	1.6	115
48	Asymmetric Photocatalytic C $\alpha$ -H Functionalization of Toluene and Derivatives. <i>Journal of the American Chemical Society</i> , 2018, 140, 8439-8443.	6.6	112
49	A General Organocatalytic System for Electron Donor $\pi$ -Acceptor Complex Photoactivation and Its Use in Radical Processes. <i>Journal of the American Chemical Society</i> , 2021, 143, 12304-12314.	6.6	107
50	Quaternary Stereogenic Carbon Atoms in Complex Molecules by an Asymmetric, Organocatalytic, Triple $\alpha$ -Cascade Reaction. <i>Chemistry - A European Journal</i> , 2008, 14, 4788-4791.	1.7	104
51	Enantioselective Photochemical Organocascade Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1068-1072.	7.2	104
52	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. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10780-10783.	7.2	103
53	Direct Catalytic Enantioselective Vinylogous Aldol Reaction of $\beta$ -Branched Enals with Isatins. <i>Organic Letters</i> , 2012, 14, 5590-5593.	2.4	102
54	Catalytic enantioselective conjugate addition of indoles to simple $\beta,\beta$ -unsaturated ketones. <i>Tetrahedron Letters</i> , 2003, 44, 5843-5846.	0.7	101

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55	A Redox-Active Nickel Complex that Acts as an Electron Mediator in Photochemical Giese Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4953-4957.	7.2	101
56	Organocatalytic Asymmetric $\alpha$ -Selenenylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6882-6885.	7.2	99
57	Direct Stereoselective Installation of Alkyl Fragments at the $\beta$ -Carbon of Enals via Excited Iminium Ion Catalysis. <i>ACS Catalysis</i> , 2018, 8, 1062-1066.	5.5	99
58	Aminocatalytic Enantioselective Mannich Reaction of Aldehydes with In-Situ Generated $\alpha$ -Cbz and $\alpha$ -Boc Imines. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8700-8702.	7.2	98
59	Asymmetric Vinylogous Diels-Alder Reactions Catalyzed by a Chiral Phosphoric Acid. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2997-3000.	7.2	96
60	Enantioselective Organocatalytic Diels-Alder Trapping of Photochemically Generated Hydroxyquinodimethanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3313-3317.	7.2	96
61	Enantioselective Vinylogous Organocascade Reactions. <i>Chemical Record</i> , 2016, 16, 1787-1806.	2.9	95
62	Photochemical Organocatalytic Borylation of Alkyl Chlorides, Bromides, and Sulfonates. <i>ACS Catalysis</i> , 2019, 9, 5876-5880.	5.5	95
63	Organocatalytic asymmetric hydrophosphination of nitroalkenes. <i>Chemical Communications</i> , 2007, , 722-724.	2.2	93
64	Multiple approaches to enantiopure spirocyclic benzofuranones using organocatalytic cascade reactions. <i>Chemical Communications</i> , 2011, 47, 233-235.	2.2	93
65	Organocatalytic Asymmetric $\alpha$ -Halogenation of 1,3-Dicarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6219-6222.	7.2	91
66	InBr <sub>3</sub> -Catalyzed Friedel-Crafts Addition of Indoles to Chiral Aromatic Epoxides: A Facile Route to Enantiopure Indolyl Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 5386-5389.	1.7	90
67	Perchloric Acid and Its Salts: Very Powerful Catalysts in Organic Chemistry. <i>Chemical Reviews</i> , 2010, 110, 3501-3551.	23.0	90
68	Asymmetric Catalytic Synthesis of Enantiopure N-Protected 1,2-Amino Alcohols. <i>Organic Letters</i> , 2004, 6, 3973-3975.	2.4	89
69	Photochemical Asymmetric Nickel-Catalyzed Acyl Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16854-16858.	7.2	86
70	Enantioselective Formal $\alpha$ -Methylation and $\alpha$ -Benzoylation of Aldehydes by Means of Photoorganocatalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4447-4451.	7.2	83
71	A Practical Indium Tribromide Catalysed Addition of Indoles to Nitroalkenes in Aqueous Media. <i>Synthesis</i> , 2002, 2002, 1110-1114.	1.2	81
72	Amide Synthesis by Nickel/Photoredox-Catalyzed Direct Carbamoylation of (Hetero)Aryl Bromides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5248-5253.	7.2	81

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73	Zn(ClO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O as a Powerful Catalyst for the Conversion of $\beta$ -Ketoesters into $\beta$ -Enamino Esters. <i>Synlett</i> , 2004, 2004, 0239-0242.	1.0	80
74	Organocatalytic Asymmetric $\alpha$ -Hydroxylation of $\alpha,\beta$ -Unsaturated Ketones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5492-5495.	1.2	79
75	Magnesium perchlorate as efficient Lewis acid for the Knoevenagel condensation between $\beta$ -diketones and aldehydes. <i>Tetrahedron Letters</i> , 2008, 49, 2555-2557.	0.7	79
76	Photochemical C-H Hydroxyalkylation of Quinolines and Isoquinolines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16878-16883.	7.2	77
77	Brønsted acid-catalysed conjugate addition of photochemically generated $\alpha$ -amino radicals to alkenylpyridines. <i>Chemical Communications</i> , 2016, 52, 3520-3523.	2.2	76
78	Radical-Based C-C Bond-Forming Processes Enabled by the Photoexcitation of $\alpha,\alpha$ -Dihydropyridines. <i>Angewandte Chemie</i> , 2017, 129, 15235-15239.	1.6	76
79	Unusual and Unexpected Reactivity of <i>tert</i> -Butyl Dicarbonate (Boc <sub>2</sub> O) with Alcohols in the Presence of Magnesium Perchlorate. A New and General Route to <i>tert</i> -Butyl Ethers. <i>Organic Letters</i> , 2005, 7, 427-430.	2.4	73
80	A Mechanistic Rationale for the 9-Amino(9-deoxy) Cinchona Alkaloids Catalyzed Asymmetric Reactions via Iminium Ion Activation of Enones. <i>Journal of the American Chemical Society</i> , 2013, 135, 9091-9098.	6.6	72
81	Asymmetric Vinylogous Aldol Reaction via H-Bond-Directing Dienamine Catalysis. <i>Organic Letters</i> , 2013, 15, 220-223.	2.4	71
82	Synthesis and binding activity of endomorphin-1 analogues containing $\alpha$ -amino acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 2755-2758.	1.0	70
83	A Lewis Acid-Mediated Protocol for the Protection of Aryl Amines as their Boc-Derivatives. <i>Synlett</i> , 2004, 2004, 1794-1798.	1.0	68
84	A Photochemical Organocatalytic Strategy for the $\alpha$ -Alkylation of Ketones by using Radicals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9485-9490.	7.2	65
85	Indium tribromide: a highly effective catalyst for the addition of trimethylsilyl cyanide to $\alpha$ -hetero-substituted ketones. <i>Tetrahedron Letters</i> , 2001, 42, 3041-3043.	0.7	64
86	Dioxindole in asymmetric catalytic synthesis: direct access to 3-substituted 3-hydroxy-2-oxindoles via 1,4-additions to nitroalkenes. <i>Chemical Communications</i> , 2012, 48, 3336.	2.2	63
87	Computational Study with DFT and Kinetic Models on the Mechanism of Photoinitiated Aromatic Perfluoroalkylations. <i>Organic Letters</i> , 2015, 17, 2676-2679.	2.4	63
88	Stereocontrolled Synthesis of 1,4-Dicarbonyl Compounds by Photochemical Organocatalytic Acyl Radical Addition to Enals. <i>Angewandte Chemie</i> , 2019, 131, 1226-1230.	1.6	63
89	Photochemical generation of acyl and carbamoyl radicals using a nucleophilic organic catalyst: applications and mechanism thereof. <i>Chemical Science</i> , 2020, 11, 6312-6324.	3.7	63
90	Asymmetric Catalytic Aziridination of Cyclic Enones. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1652-1656.	1.7	61

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91	Photochemical direct perfluoroalkylation of phenols. <i>Tetrahedron</i> , 2015, 71, 4535-4542.	1.0	61
92	Introduction: Photochemical Catalytic Processes. <i>Chemical Reviews</i> , 2022, 122, 1483-1484.	23.0	61
93	Forging Fluorine-Containing Quaternary Stereocenters by a Light-Driven Organocatalytic Aldol Desymmetrization Process. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11875-11879.	7.2	60
94	Photochemical Organocatalytic Benzoylation of Allylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2022, 144, 1113-1118.	6.6	60
95	A Convenient Catalytic Procedure for the Addition of Trimethylsilyl Cyanide to Functionalised Ketones, Mediated by InBr <sub>3</sub> - Insight into the Reaction Mechanism. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3243-3249.	1.2	59
96	Bifunctional Catalysis by Natural Cinchona Alkaloids: A Mechanism Explained. <i>Chemistry - A European Journal</i> , 2009, 15, 7913-7921.	1.7	59
97	Chemo- and enantioselective catalytic addition of propargyl chloride to aldehydes promoted by [Cr(Salen)] complexes. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1063-1069.	1.8	58
98	Photo-Organocatalytic Enantioselective Radical Cascade Reactions of Unactivated Olefins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12819-12823.	7.2	58
99	Reaction of Dicarbonates with Carboxylic Acids Catalyzed by Weak Lewis Acids: General Method for the Synthesis of Anhydrides and Esters. <i>Synthesis</i> , 2007, 2007, 3489-3496.	1.2	57
100	Synthesis of 9-amino(9-deoxy)epi cinchona alkaloids, general chiral organocatalysts for the stereoselective functionalization of carbonyl compounds. <i>Nature Protocols</i> , 2013, 8, 325-344.	5.5	57
101	Light-Driven Enantioselective Organocatalytic <sup>12</sup> C-Benzoylation of Enals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3304-3308.	7.2	55
102	Direct Catalytic Synthesis of Enantiopure 5-Substituted Oxazolidinones from Racemic Terminal Epoxides. <i>Organic Letters</i> , 2005, 7, 1983-1985.	2.4	53
103	Vinylogous Organocatalytic Triple Cascade Reaction: Forging Six Stereocenters in Complex Spiro-Oxindolic Cyclohexanes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3124-3130.	2.1	53
104	Diastereodivergent organocatalysis for the asymmetric synthesis of chiral annulated furans. <i>Chemical Science</i> , 2015, 6, 4242-4246.	3.7	53
105	Studies on the Enantioselective Iminium Ion Trapping of Radicals Triggered by an Electron-Relay Mechanism. <i>Journal of the American Chemical Society</i> , 2017, 139, 4559-4567.	6.6	53
106	Cr(Salen)-Catalyzed Addition of 1,3-Dichloropropene to Aromatic Aldehydes. A Simple Access to Optically Active Vinyl Epoxides. <i>Organic Letters</i> , 2001, 3, 1153-1155.	2.4	48
107	Highly Efficient Solvent-Free Condensation of Carboxylic Acids with Alcohols Catalysed by Zinc Perchlorate Hexahydrate, Zn(ClO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 33-38.	2.1	47
108	Catalytic asymmetric C-C cross-couplings enabled by photoexcitation. <i>Nature Chemistry</i> , 2021, 13, 575-580.	6.6	47



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109	A General Organocatalytic System for Enantioselective Radical Conjugate Additions to Enals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5357-5362.	7.2	45
110	Alcohols and Di-tert-butyl Dicarboxylate: How the Nature of the Lewis Acid Catalyst May Address the Reaction to the Synthesis of tert-Butyl Ethers. <i>Journal of Organic Chemistry</i> , 2006, 71, 9580-9588.	1.7	44
111	Controlling Stereoselectivity in the Aminocatalytic Enantioselective Mannich Reaction of Aldehydes with In Situ Generated N-Carbamoyl Imines. <i>Chemistry - A European Journal</i> , 2010, 16, 6069-6076.	1.7	44
112	A visible-light mediated three-component radical process using dithiocarbamate anion catalysis. <i>Chemical Science</i> , 2019, 10, 5484-5488.	3.7	44
113	Tetrachlorophthalimides as Organocatalytic Acceptors for Electron Donor-Acceptor Complex Photoactivation. <i>Journal of the American Chemical Society</i> , 2022, 144, 8914-8919.	6.6	43
114	Secondary Amine-Catalyzed Asymmetric Alkylation of Branched Enals via Dienamine Activation. <i>Helvetica Chimica Acta</i> , 2012, 95, 1985-2006.	1.0	38
115	Enantioselective Photochemical Organocascade Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 1080-1084.	1.6	38
116	Synthesis of Cyclopropane Spirooxindoles by means of a Vinylogous Organocatalytic Cascade. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 466-469.	1.3	36
117	Enantioselective Organocatalytic Diels-Alder Trapping of Photochemically Generated Hydroxyquinodimethanes. <i>Angewandte Chemie</i> , 2016, 128, 3374-3378.	1.6	35
118	Photochemical Chemoselective Alkylation of Tryptophan-Containing Peptides. <i>Organic Letters</i> , 2021, 23, 285-289.	2.4	35
119	tert-Butyl Ethers: Renaissance of an Alcohol Protecting Group. Facile Cleavage with Cerium(III) Chloride/Sodium Iodide. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 905-910.	2.1	32
120	Organocatalytic Strategies to Stereoselectively Trap Photochemically Generated Hydroxyquinodimethanes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2884-2891.	1.2	31
121	Light opens pathways for nickel catalysis. <i>Nature</i> , 2015, 524, 297-298.	13.7	30
122	Amide Synthesis by Nickel/Photoredox-Catalyzed Direct Carbamoylation of (Hetero)Aryl Bromides. <i>Angewandte Chemie</i> , 2020, 132, 5286-5291.	1.6	29
123	Photochemical Asymmetric Nickel-Catalyzed Acyl Cross-Coupling. <i>Angewandte Chemie</i> , 2019, 131, 17010-17014.	1.6	28
124	Chemoselectivity in Asymmetric Aminocatalysis. <i>ChemCatChem</i> , 2010, 2, 621-623.	1.8	27
125	A Redox-Active Nickel Complex that Acts as an Electron Mediator in Photochemical Giese Reactions. <i>Angewandte Chemie</i> , 2019, 131, 5007-5011.	1.6	24
126	Photo-Organocatalytic Enantioselective Radical Cascade Enabled by Single-Electron Transfer Activation of Allenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 302-307.	2.1	24



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127	Taking Up the Cudgels for Perchlorates: Uses and Applications in Organic Reactions under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2037-2049.	1.2	23
128	The First Simple Method of Protection of Hydroxy Compounds as their O-Boc Derivatives under Lewis Acid Catalysis. <i>Synlett</i> , 2006, 2006, 2104-2108.	1.0	22
129	Enantioselective Formal $\alpha$ -Methylation and $\alpha$ -Benzoylation of Aldehydes by Means of Photoorganocatalysis. <i>Angewandte Chemie</i> , 2017, 129, 4518-4522.	1.6	22
130	Forging Fluorine-Containing Quaternary Stereocenters by a Light-Driven Organocatalytic Aldol Desymmetrization Process. <i>Angewandte Chemie</i> , 2017, 129, 12037-12041.	1.6	21
131	A Photochemical Organocatalytic Strategy for the $\alpha$ -Alkylation of Ketones by using Radicals. <i>Angewandte Chemie</i> , 2020, 132, 9572-9577.	1.6	21
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