Andrew D. Smith

List of Publications by Year
in descending order

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261	10,627	34105	58581
papers	citations	52 h-index	82 g-index

344	344	344	5172
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The conjugate addition of enantiomerically pure lithium amides as homochiral ammonia equivalents: scope, limitations and synthetic applications. Tetrahedron: Asymmetry, 2005, 16, 2833-2891.	1.8	296
2	Organocatalytic Functionalization of Carboxylic Acids: Isothiourea-Catalyzed Asymmetric Intra- and Intermolecular Michael Additionâ˜Lactonizations. Journal of the American Chemical Society, 2011, 133, 2714-2720.	13.7	255
3	N-Heterocyclic carbene catalysed Î²-lactam synthesis. Organic and Biomolecular Chemistry, 2008, 6, 1108.	2.8	236
4	NHCs in Asymmetric Organocatalysis: Recent Advances in Azolium Enolate Generation and Reactivity. Synthesis, 2012, 44, 2295-2309.	2.3	235
5	Isothioureaâ€Catalyzed Enantioselective Carboxy Group Transfer. Angewandte Chemie - International Edition, 2009, 48, 8914-8918.	13.8	172
6	Organocatalytic Lewis base functionalisation of carboxylic acids, esters and anhydrides via C1-ammonium or azolium enolates. Chemical Society Reviews, 2014, 43, 6214-6226.	38.1	171
7	Dihydropyridones: Catalytic Asymmetric Synthesis, Nâ€to Câ€Sulfonyl Transfer, and Derivatizations. Angewandte Chemie - International Edition, 2012, 51, 3653-3657.	13.8	153
8	An Isothiourea-Catalyzed Asymmetric [2,3]-Rearrangement of Allylic Ammonium Ylides. Journal of the American Chemical Society, 2014, 136, 4476-4479.	13.7	149
9	Proton Transfer Reactions of Triazol-3-ylidenes: Kinetic Acidities and Carbon Acid p‹i›K‹/i›‹sub›a‹/sub› Values for Twenty Triazolium Salts in Aqueous Solution. Journal of the American Chemical Society, 2012, 134, 20421-20432.	13.7	142
10	Anhydrides as Î±,Î²-unsaturated acyl ammonium precursors: isothiourea-promoted catalytic asymmetric annulation processes. Chemical Science, 2013, 4, 2193.	7.4	137
11	Mechanistic insights into the triazolylidene-catalysed Stetter and benzoin reactions: role of the N-aryl substituent. Chemical Science, 2013, 4, 1514.	7.4	134
12	Catalytic Stereoselective [2,3]-Rearrangement Reactions. ACS Catalysis, 2015, 5, 7446-7479.	11.2	132
13	Non-bonding 1,5-Sâ‹¯O interactions govern chemo- and enantioselectivity in isothiourea-catalyzed annulations of benzazoles. Chemical Science, 2016, 7, 6919-6927.	7.4	125
14	Isothiourea-mediated asymmetric Michael-lactonisation of trifluoromethylenones: a synthetic and mechanistic study. Chemical Science, 2013, 4, 4146.	7.4	117
15	Tandem Palladium and Isothiourea Relay Catalysis: Enantioselective Synthesis of Î±-Amino Acid Derivatives via Allylic Amination and [2,3]-Sigmatropic Rearrangement. Journal of the American Chemical Society, 2017, 139, 11895-11902.	13.7	117
16	The Importance of 1,5â€Oxygenâ‹…â‹…â‹…Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. Angewandte Chemie - International Edition, 2020, 59, 3705-3710.	13.8	115
17	Efficient N-Heterocyclic Carbene-CatalyzedO- to C-Acyl Transfer. Organic Letters, 2006, 8, 3785-3788.	4.6	109
18	Î±-Aroyloxyaldehydes: scope and limitations as alternatives to Î±-haloaldehydes for NHC-catalysed redox transformations. Chemical Communications, 2011, 47, 373-375.	4.1	107

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19	Isothioureaâ€Mediated Oneâ€Pot Synthesis of Functionalized Pyridines. Angewandte Chemie - International Edition, 2013, 52, 11642-11646.	13.8	105
20	Catalytic asymmetric Î±-amination of carboxylic acids using isothioureas. Chemical Science, 2012, 3, 2088.	7.4	104
21	A C=Oâ‹…â‹…â‹…Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. Angewandte Chemie - International Edition, 2018, 57, 3200-3206.	13.8	102
22	Asymmetric synthesis of N,O,O,O-tetra-acetyl d-lyxo-phytosphingosine, jaspine B (pachastrissamine), 2-epi-jaspine B, and deoxoprosophylline via lithium amide conjugate addition. Organic and Biomolecular Chemistry, 2008, 6, 1665.	2.8	97
23	Highly enantioselective organocatalysis of the Hajosâ€“Parrishâ€“Ederâ€“Sauerâ€“Wiechert reaction by the Î²-amino acid cispentacin. Chemical Communications, 2005, , 3802.	4.1	95
24	Isothiourea-Mediated One-Pot Synthesis of Trifluoromethyl Substituted 2-Pyrones. Organic Letters, 2014, 16, 964-967.	4.6	94
25	Catalytic Enantioselective [2,3]-Rearrangements of Allylic Ammonium Ylides: A Mechanistic and Computational Study. Journal of the American Chemical Society, 2017, 139, 4366-4375.	13.7	92
26	Asymmetric synthesis of cyclic Î²-amino acids and cyclic amines via sequential diastereoselective conjugate addition and ring closing metathesis. Tetrahedron, 2003, 59, 3253-3265.	1.9	90
27	Asymmetric synthesis of vicinal amino alcohols: xestoaminol C, sphinganine and sphingosine. Organic and Biomolecular Chemistry, 2008, 6, 1655.	2.8	90
28	Asymmetric synthesis of Sedum alkaloids via lithium amide conjugate addition. Tetrahedron, 2009, 65, 10192-10213.	1.9	84
29	Structure-enantioselectivity effects in 3,4-dihydropyrimido[2,1-b]benzothiazole-based isothioureas as enantioselective acylation catalysts. Organic and Biomolecular Chemistry, 2011, 9, 559-570.	2.8	83
30	Recent developments in enantioselective photocatalysis. Beilstein Journal of Organic Chemistry, 2020, 16, 2363-2441.	2.2	80
31	An Asymmetric Hetero-Claisen Approach to 3-Alkyl-3-aryloxindoles. Organic Letters, 2009, 11, 3858-3861.	4.6	79
32	Chemoselective debenzylation of N-benzyl tertiary amines with ceric ammonium nitrate. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3765-3774.	1.3	78
33	Isothiourea-Catalyzed Asymmetric Synthesis of Î²-Lactams and Î²-Amino Esters from Arylacetic Acid Derivatives and N-Sulfonylaldimines. Journal of Organic Chemistry, 2014, 79, 1626-1639.	3.2	77
34	Nâ€Heterocyclic Carbeneâ€Mediated Enantioselective Addition of Phenols to Unsymmetrical Alkylarylketenes. Advanced Synthesis and Catalysis, 2009, 351, 3001-3009.	4.3	76
35	Homochiral lithium amides for the asymmetric synthesis of Î²-amino acids. Tetrahedron: Asymmetry, 2006, 17, 1793-1811.	1.8	75
36	Asymmetric synthesis of N,O,O,O-tetra-acetyl d-lyxo-phytosphingosine, jaspine B (pachastrissamine) and its C(2)-epimer. Tetrahedron: Asymmetry, 2007, 18, 2510-2513.	1.8	72

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37	On the Functional Group Tolerance of Ester Hydrogenation and Polyester Depolymerisation Catalysed by Ruthenium Complexes of Tridentate Aminophosphine Ligands. Chemistry - A European Journal, 2015, 21, 10851-10860.	3.3	70
38	Asymmetric synthesis and applications of Î²-amino Weinreb amides: asymmetric synthesis of (S)-coniine. Organic and Biomolecular Chemistry, 2004, 2, 1387-1394.	2.8	67
39	Evaluating Î²-amino acids as enantioselective organocatalysts of the Hajosâ€“Parrishâ€“Ederâ€“Sauerâ€“Wiechert reaction. Organic and Biomolecular Chemistry, 2007, 5, 3190.	2.8	67
40	NHC-Promoted Asymmetric Î²-Lactone Formation from Arylalkylketenes and Electron-Deficient Benzaldehydes or Pyridinecarboxaldehydes. Journal of Organic Chemistry, 2013, 78, 3925-3938.	3.2	66
41	Probing the Efficiency of N-Heterocyclic Carbene Promoted O- to C-Carboxyl Transfer of Oxazolyl Carbonates. Journal of Organic Chemistry, 2008, 73, 2784-2791.	3.2	65
42	Stereospecific Asymmetric N-Heterocyclic Carbene (NHC)-Catalyzed Redox Synthesis of Trifluoromethyl Dihydropyranones and Mechanistic Insights. Journal of Organic Chemistry, 2013, 78, 9243-9257.	3.2	64
43	Isothiourea-Mediated Asymmetric Functionalization of 3-Alkenoic Acids. Journal of Organic Chemistry, 2014, 79, 1640-1655.	3.2	63
44	Rate and Equilibrium Constants for the Addition of Nâ€Heterocyclic Carbenes into Benzaldehydes: A Remarkable 2â€Substituent Effect. Angewandte Chemie - International Edition, 2015, 54, 6887-6892.	13.8	63
45	Highly (E)-Selective Wadsworthâ€“Emmons Reactions Promoted by Methylmagnesium Bromide. Organic Letters, 2008, 10, 5437-5440.	4.6	62
46	Ammonium-Directed Oxidation of Cyclic Allylic and Homoallylic Amines. Journal of Organic Chemistry, 2009, 74, 6735-6748.	3.2	61
47	Asymmetric NHC-Catalyzed Redox Î±-Amination of Î±-Aroyloxyaldehydes. Organic Letters, 2013, 15, 6058-6061.	4.6	60
48	Generation and Reactivity of C(1)â€Ammonium Enolates by Using Isothiourea Catalysis. Chemistry - A European Journal, 2021, 27, 1533-1555.	3.3	60
49	Iodine-mediated ring-closing iodoamination with concomitant N-debenzylation for the asymmetric synthesis of polyhydroxylated pyrrolidines. Tetrahedron: Asymmetry, 2009, 20, 758-772.	1.8	59
50	Kinetic resolution and parallel kinetic resolution of methyl (Â±)-5-alkyl-cyclopentene-1-carboxylates for the asymmetric synthesis of 5-alkyl-cispentacin derivatives. Organic and Biomolecular Chemistry, 2005, 3, 2762.	2.8	58
51	Ring Closing Metathesis for the Asymmetric Synthesis of (S)-Homopipecolic Acid, (S)-Homoproline and (S)-Coniine. Synlett, 2002, 2002, 1146-1148.	1.8	57
52	SuperQuat 5,5-dimethyl-4-iso-propyloxazolidin-2-one as a mimic of Evans 4-tert-butyloxazolidin-2-one. Organic and Biomolecular Chemistry, 2006, 4, 2945.	2.8	57
53	Asymmetric synthesis of Î²2-amino acids: 2-substituted-3-aminopropanoic acids from N-acryloyl SuperQuat derivatives. Organic and Biomolecular Chemistry, 2007, 5, 2812.	2.8	57
54	Isothiourea-Catalyzed Enantioselective Addition of 4-Nitrophenyl Esters to Iminium Ions. ACS Catalysis, 2018, 8, 1153-1160.	11.2	55

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55	Best practice considerations for using the selectivity factor, s, as a metric for the efficiency of kinetic resolutions. Tetrahedron, 2018, 74, 5554-5560.	1.9	55
56	Telescoped Synthesis of Stereodefined Pyrrolidines. Organic Letters, 2013, 15, 3472-3475.	4.6	54
57	A Mechanistically and Operationally Simple Route to Metalâ€“Nâ€Heterocyclic Carbene (NHC) Complexes. Chemistry - A European Journal, 2020, 26, 4515-4519.	3.3	54
58	SuperQuat N-acyl-5,5-dimethyloxazolidin-2-ones for the asymmetric synthesis of Î±-alkyl and Î²-alkyl aldehydes. Organic and Biomolecular Chemistry, 2003, 1, 2886-2899.	2.8	53
59	Parallel synthesis of homochiral Î²-amino acids. Tetrahedron: Asymmetry, 2007, 18, 1554-1566.	1.8	50
60	Asymmetric Pericyclic Cascade Approach to Spirocyclic Oxindoles. Organic Letters, 2012, 14, 2762-2765.	4.6	50
61	2-Arylacetic anhydrides as ammonium enolate precursors. Organic and Biomolecular Chemistry, 2014, 12, 624-636.	2.8	50
62	Exploiting the Imidazolium Effect in Baseâ€free Ammonium Enolate Generation: Synthetic and Mechanistic Studies. Angewandte Chemie - International Edition, 2016, 55, 14394-14399.	13.8	50
63	Chemoselective oxidative debenzylation of tertiary N-benzyl amines. Chemical Communications, 2000, , 337-338.	4.1	49
64	Asymmetric total synthesis of sperabillins B and D via lithium amide conjugate addition. Organic and Biomolecular Chemistry, 2004, 2, 2630.	2.8	49
65	Asymmetric synthesis of Î²-amino-Î³-substituted-Î³-butyrolactones: double diastereoselective conjugate addition of homochiral lithium amides to homochiral Î±,Î²-unsaturated esters. Organic and Biomolecular Chemistry, 2007, 5, 3922.	2.8	49
66	Asymmetric Synthesis of Tri- and Tetrasubstituted Trifluoromethyl Dihydropyranones from Î±-Aroyloxyaldehydes via NHC Redox Catalysis. ACS Catalysis, 2014, 4, 2696-2700.	11.2	49
67	Stereodivergent Organocatalytic Intramolecular Michael Addition/Lactonization for the Asymmetric Synthesis of Substituted Dihydrobenzofurans and Tetrahydrofurans. Chemistry - A European Journal, 2014, 20, 9762-9769.	3.3	49
68	Aryloxideâ€Facilitated Catalyst Turnover in Enantioselective Î±,Î²â€Unsaturated Acyl Ammonium Catalysis. Angewandte Chemie - International Edition, 2017, 56, 12282-12287.	13.8	48
69	Asymmetric synthesis of anti-(2S,3S)- and syn-(2R,3S)-diaminobutanoic acidThis is one of a number of contributions from the current members of the Dyson Perrins Laboratory to mark the end of almost 90 years of organic chemistry research in that building, as all its current academic staff move across South Parks Road to a new purpose-built laboratory.. Organic and Biomolecular Chemistry, 2003, 1, 3708.	2.8	47
70	Ammonium-directed dihydroxylation: metal-free synthesis of the diastereoisomers of 3-aminocyclohexane-1,2-diol. Organic and Biomolecular Chemistry, 2008, 6, 3762.	2.8	47
71	Î±-Ketophosphonates as Ester Surrogates: Isothiourea-Catalyzed Asymmetric Diester and Lactone Synthesis. Organic Letters, 2014, 16, 2506-2509.	4.6	47
72	Isothioureaâ€Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. Angewandte Chemie - International Edition, 2020, 59, 7897-7905.	13.8	47

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73	Isothiourea-Mediated Stereoselective C-Acylation of Silyl Ketene Acetals. Organic Letters, 2010, 12, 2660-2663.	4.6	46
74	Cyclic Î²-amino acid derivatives: synthesis via lithium amide promoted tandem asymmetric conjugate additionâ€“cyclisation reactions. Organic and Biomolecular Chemistry, 2005, 3, 1284-1301.	2.8	45
75	â€œPure by NMRâ€?. Organic Letters, 2008, 10, 5433-5436.	4.6	45
76	Pericyclic Cascade with Chirality Transfer: Reaction Pathway and Origin of Enantioselectivity of the Heteroâ€Claisen Approach to Oxindoles. Angewandte Chemie - International Edition, 2011, 50, 11478-11482.	13.8	45
77	Catalytic enantioselective Steglich rearrangements using chiral N-heterocyclic carbenes. Tetrahedron: Asymmetry, 2011, 22, 797-811.	1.8	45
78	Asymmetric synthesis of (4R,5R)-cytoxazone and (4R,5S)-epi-cytoxazone. Organic and Biomolecular Chemistry, 2004, 2, 1549.	2.8	44
79	NHCâ€Mediated Chlorination of Unsymmetrical Ketenes: Catalysis and Asymmetry. European Journal of Organic Chemistry, 2010, 2010, 5863-5869.	2.4	43
80	Nucleophilicities and Lewis Basicities of Isothiourea Derivatives. Journal of Organic Chemistry, 2011, 76, 5104-5112.	3.2	43
81	A C=Oâ‹…â‹…â‹…Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. Angewandte Chemie, 2018, 130, 3254-3260.	2.0	43
82	Tandem multi-step synthesis of C-carboxyazlactones promoted by N-heterocyclic carbenes. Chemical Communications, 2008, , 3528.	4.1	42
83	Baseâ€free Enantioselective C(1)â€Ammonium Enolate Catalysis Exploiting Aryloxides: A Synthetic and Mechanistic Study. Angewandte Chemie - International Edition, 2019, 58, 15111-15119.	13.8	42
84	Preparation of methyl (1R,2S,5S)- and (1S,2R,5R)-2-amino-5-tert-butyl-cyclopentane-1-carboxylates by parallel kinetic resolution of methyl (RS)-5-tert-butyl-cyclopentene-1-carboxylate. Chemical Communications, 2003, , 2410-2411.	4.1	41
85	Asymmetric synthesis of 2-alkyl- and 2-aryl-3-aminopropionic acids (Î²2-amino acids) from (S)-N-acryloyl-5,5-dimethyloxazolidin-2-one SuperQuat derivatives. Chemical Communications, 2004, , 2778-2779.	4.1	41
86	Amidine catalysed O- to C-carboxyl transfer of heterocyclic carbonate derivatives. Organic and Biomolecular Chemistry, 2008, 6, 2900.	2.8	41
87	A Tandem Conjugate Addition/Cyclization Protocol for the Asymmetric Synthesis of 2-Aryl-4-aminotetrahydroquinoline-3-carboxylic Acid Derivatives. Organic Letters, 2009, 11, 1959-1962.	4.6	41
88	Doubly diastereoselective conjugate addition of homochiral lithium amides to homochiral Î±,Î²-unsaturated esters containing cis- and trans-dioxolane units. Organic and Biomolecular Chemistry, 2009, 7, 761.	2.8	41
89	Chiral relay in NHC-mediated asymmetric Î²-lactam synthesis I; substituent effects in NHCs derived from (1R,2R)-cyclohexane-1,2-diamine. Tetrahedron: Asymmetry, 2010, 21, 582-600.	1.8	41
90	Organocatalytic Michael additionâ€“lactonisation of carboxylic acids using Î±,Î²-unsaturated trichloromethyl ketones as Î±,Î²-unsaturated ester equivalents. Organic and Biomolecular Chemistry, 2014, 12, 9016-9027.	2.8	41

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91	The Importance of 1,5â€Oxygenâ‹…â‹…â‹…Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. Angewandte Chemie, 2020, 132, 3734-3739.	2.0	41
92	SuperQuat, (S)-4-benzyl-5,5-dimethyl-oxazolidin-2-one for the asymmetric synthesis of Î±-substituted-aldehydes. Tetrahedron: Asymmetry, 2000, 11, 3475-3479.	1.8	40
93	Parallel kinetic resolution of tert-butyl (RS)-3-alkylâ€“cyclopentene-1-carboxylates for the asymmetric synthesis of 3-alkylâ€“cispentacin derivatives. Organic and Biomolecular Chemistry, 2004, 2, 3355-3362.	2.8	40
94	Parallel kinetic resolution of tert-butyl (RS)-3-oxy-substituted cyclopent-1-ene-carboxylates for the asymmetric synthesis of 3-oxy-substituted cispentacin and transpentacin derivatives. Organic and Biomolecular Chemistry, 2008, 6, 2195.	2.8	40
95	Asymmetric synthesis of piperidines and octahydroindolizines using a one-pot ring-closure/N-debenzylation procedure. Tetrahedron, 2011, 67, 9975-9992.	1.9	40
96	Synthesis of Di-, Tri-, and Tetrasubstituted Pyridines from (Phenylthio)carboxylic Acids and 2-[Aryl(tosylimino)methyl]acrylates. Organic Letters, 2014, 16, 6496-6499.	4.6	40
97	Catalytic enantioselective synthesis of perfluoroalkyl-substituted Î²-lactones via a concerted asynchronous [2 + 2] cycloaddition: a synthetic and computational study. Chemical Science, 2019, 10, 6162-6173.	7.4	40
98	Asymmetric synthesis of syn- and anti-Î±-deuterio-Î²3-phenylalanine derivatives. Tetrahedron: Asymmetry, 2011, 22, 1035-1050.	1.8	39
99	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. Chemical Science, 2018, 9, 8035-8045.	7.4	39
100	Orthogonal N,N-deprotection strategies of Î²-amino esters. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3106-3111.	1.3	38
101	The Asymmetric Synthesis ofd-Galactose via an Iterativesyn-Glycolate Aldol Strategy. Synlett, 2002, 2002, 1637-1640.	1.8	38
102	Exploring the scope of the isothiourea-mediated synthesis of dihydropyridinones. Organic and Biomolecular Chemistry, 2015, 13, 2177-2191.	2.8	38
103	Enantioselective Synthesis of 3,5,6â€Substituted Dihydropyranones and Dihydropyridinones using Isothioureaâ€Mediated Catalysis. Chemistry - an Asian Journal, 2016, 11, 395-400.	3.3	38
104	Acylative Kinetic Resolution of Alcohols Using a Recyclable Polymer-Supported Isothiourea Catalyst in Batch and Flow. ACS Catalysis, 2018, 8, 1067-1075.	11.2	38
105	Isothioureaâ€Catalyzed Acylative Kinetic Resolution of Tertiary Î±â€Hydroxy Esters. Angewandte Chemie - International Edition, 2020, 59, 16572-16578.	13.8	37
106	Oxazinanones as chiral auxiliaries: synthesis and evaluation in enolate alkylations and aldol reactions. Organic and Biomolecular Chemistry, 2006, 4, 2753.	2.8	36
107	Applications of NHC-mediated O- to C-carboxyl transfer: synthesis of (Â±)-N-benzyl-coerulescine and (Â±)-horsfiline. Tetrahedron, 2010, 66, 3801-3813.	1.9	36
108	Asymmetric synthesis of the cis- and trans-stereoisomers of 4-aminopyrrolidine-3-carboxylic acid and 4-aminotetrahydrofuran-3-carboxylic acid. Organic and Biomolecular Chemistry, 2004, 2, 2763.	2.8	35

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109	Isothioureaâ€Mediated Asymmetric Oâ€to Câ€Carboxyl Transfer of Oxazolyl Carbonates: Structureâ€“Selectivity Profiles and Mechanistic Studies. Chemistry - A European Journal, 2012, 18, 2398-2408.	3.3	35
110	Asymmetric Isothioureaâ€Catalysed Formal [3+2] Cycloadditions of Ammonium Enolates with Oxaziridines. Chemistry - A European Journal, 2015, 21, 10530-10536.	3.3	35
111	Iodine-mediated Ring Closing Alkene Iodoamination with N-Debenzylation for the Asymmetric Synthesis of Polyhydroxylated Pyrrolidines. Synlett, 2004, 2004, 0901-0903.	1.8	34
112	Asymmetric conjugate reductions with samarium diiodide: asymmetric synthesis of (2S,3R)- and (2S,3S)-[2-2H,3-2H]-leucine-(S)-phenylalanine dipeptides and (2S,3R)-[2-2H,3-2H]-phenylalanine methyl ester. Organic and Biomolecular Chemistry, 2005, 3, 1435-1447.	2.8	34
113	Enantioselective NHC-Catalyzed Redox [4 + 2]-Hetero-Dielsâ€“Alder Reactions Using Î±,Î²-Unsaturated Trichloromethyl Ketones as Amide Equivalents. Journal of Organic Chemistry, 2015, 80, 9728-9739.	3.2	34
114	Multiple roles of aryloxide leaving groups in enantioselective annulations employing Î±,Î²-unsaturated acyl ammonium catalysis. Chemical Science, 2018, 9, 4909-4918.	7.4	34
115	Double asymmetric induction as a mechanistic probe: conjugate addition for the asymmetric synthesis of a pseudotripeptide. Chemical Communications, 2004, , 1128.	4.1	33
116	Enantioselective NHCâ€Catalyzed Redox [2+2] Cycloadditions with Perfluoroketones: A Route to Fluorinated Oxetanes. Chemistry - A European Journal, 2015, 21, 18944-18948.	3.3	33
117	Enantioselective Stereodivergent Nucleophileâ€Dependent Isothioureaâ€Catalysed Domino Reactions. Chemistry - A European Journal, 2016, 22, 17748-17757.	3.3	33
118	Isothioureaâ€Catalysed Regioselective Acylative Kinetic Resolution of Axially Chiral Biaryl Diols. Chemistry - A European Journal, 2019, 25, 2816-2823.	3.3	33
119	Isothiourea-Catalyzed Enantioselective Synthesis of Tetrahydro-Î±-carbolinones. Organic Letters, 2020, 22, 1301-1305.	4.6	33
120	Parallel kinetic resolution of tert-butyl (RS)-6-alkyl-cyclohex-1-ene-carboxylates for the asymmetric synthesis of 6-alkyl-substituted cishexacin derivatives. Tetrahedron: Asymmetry, 2008, 19, 2870-2881.	1.8	32
121	Isothioureaâ€Catalysed Asymmetric Câ€Acylation of Silyl Ketene Acetals. Chemistry - A European Journal, 2011, 17, 11060-11067.	3.3	32
122	NHC-mediated enantioselective formal [4 + 2] cycloadditions of alkylarylketenes and Î²,Î³-unsaturated Î±-ketocarboxylic esters and amides. Organic and Biomolecular Chemistry, 2013, 11, 3230.	2.8	32
123	Enantioselective Synthesis of Î²-Fluoro-Î²-aryl-Î±-aminopentenamides by Organocatalytic [2,3]-Sigmatropic Rearrangement. Organic Letters, 2017, 19, 5182-5185.	4.6	32
124	Kinetic resolution of tert-butyl (RS)-3-alkylcyclopentene-1-carboxylates for the synthesis of homochiral 3-alkyl-cispentacin and 3-alkyl-transpentacin derivatives. Organic and Biomolecular Chemistry, 2004, 2, 3337.	2.8	31
125	Î±,Î²-Unsaturated acyl ammonium species as reactive intermediates in organocatalysis: an update. Organic and Biomolecular Chemistry, 2021, 19, 2366-2384.	2.8	31
126	A systematic study of the solid state and solution phase conformational preferences of Î²-peptides derived from transpentacin. Tetrahedron: Asymmetry, 2010, 21, 1797-1815.	1.8	30

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127	Chiral relay in NHC-mediated asymmetric Î²-lactam synthesis II; asymmetry from NHCs derived from acyclic 1,2-diamines. Tetrahedron: Asymmetry, 2010, 21, 601-616.	1.8	30
128	Organic base effects in NHC promoted O- to C-carboxyl transfer; chemoselectivity profiles, mechanistic studies and domino catalysis. Organic and Biomolecular Chemistry, 2011, 9, 4205.	2.8	30
129	Structural Insights into the Mechanism and Inhibition of the Î²-Hydroxydecanoyl-Acyl Carrier Protein Dehydratase from Pseudomonas aeruginosa. Journal of Molecular Biology, 2013, 425, 365-377.	4.2	30
130	An asymmetric pericyclic cascade approach to 3-alkyl-3-aryloxindoles: generality, applications and mechanistic investigations. Organic and Biomolecular Chemistry, 2015, 13, 1807-1817.	2.8	30
131	Isothioureaâ€Catalysed Acylative Kinetic Resolution of Arylâ€“Alkenyl (sp² vs.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.3	30
132	Isothiourea-catalysed enantioselective Michael addition of N-heterocyclic pronucleophiles to Î±,Î²-unsaturated aryl esters. Chemical Science, 2020, 11, 241-247.	7.4	30
133	Asymmetric synthesis of (1R,2S,3R)-3-methylcispentacin and (1S,2S,3R)-3-methyltranspentacin by kinetic resolution of tert-butyl (Â±)-3-methylcyclopentene-1-carboxylate. Organic and Biomolecular Chemistry, 2003, 1, 3698-3707.	2.8	29
134	Rate and Equilibrium Constants for the Addition of Nâ€Heterocyclic Carbenes into Benzaldehydes: A Remarkable 2â€Substituent Effect. Angewandte Chemie, 2015, 127, 6991-6996.	2.0	29
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