

Andrew D. Smith

List of Publications by Year in descending order

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261
papers

10,627
citations

34105

52
h-index

58581

82
g-index

344
all docs

344
docs citations

344
times ranked

5172
citing authors

#	ARTICLE	IF	CITATIONS
1	Scope, Limitations and Mechanistic Analysis of the HyperBTM ⁺ -Catalyzed Acylative Kinetic Resolution of Tertiary Heterocyclic Alcohols ^{**} . <i>European Journal of Organic Chemistry</i> , 2022, 2022, e202101111.	2.4	4
2	The Role of the Fused Ring in Bicyclic Triazolium Organocatalysts: Kinetic, X-ray, and DFT Insights. <i>Journal of Organic Chemistry</i> , 2022, 87, 4241-4253.	3.2	7
3	Cooperative Palladium/Isothiourea Catalyzed Enantioselective Formal (3+2) Cycloaddition of Vinylcyclopropanes and $\hat{1}\pm, \hat{1}^2$ -Unsaturated Esters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
4	Cooperative Palladium/Isothiourea Catalyzed Enantioselective Formal (3+2) Cycloaddition of Vinylcyclopropanes and $\hat{1}\pm, \hat{1}^2$ -Unsaturated Esters. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
5	Isothiourea-catalysed enantioselective radical conjugate addition under batch and flow conditions. <i>Chemical Communications</i> , 2022, 58, 7277-7280.	4.1	4
6	Isothiourea-catalyzed formal enantioselective conjugate addition of benzophenone imines to $\hat{1}^2$ -fluorinated $\hat{1}\pm, \hat{1}^2$ -unsaturated esters. <i>Chemical Communications</i> , 2022, 58, 6886-6889.	4.1	3
7	Isothiourea-Catalyzed Enantioselective Michael Addition of Malonates to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aryl Esters. <i>Organic Letters</i> , 2022, 24, 4040-4045.	4.6	9
8	Isothiourea-Catalyzed [2 + 2] Cycloaddition of C(1)-Ammonium Enolates and <i>N</i> -Alkyl Isatins. <i>Organic Letters</i> , 2022, 24, 5444-5449.	4.6	7
9	A Desilylative Approach to Alkyl Substituted C(1)-Ammonium Enolates: Application in Enantioselective [2+2] Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
10	Generation and Reactivity of C(1)-Ammonium Enolates by Using Isothiourea Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 1533-1555.	3.3	60
11	Isothiourea-catalysed transfer hydrogenation of $\hat{1}\pm, \hat{1}^2$ -unsaturated para-nitrophenyl esters. <i>Tetrahedron</i> , 2021, 78, 131758.	1.9	6
12	Kinetic and structure-activity studies of the triazolium ion-catalysed benzoin condensation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 387-393.	2.8	11
13	Frontispiece: Generation and Reactivity of C(1)-Ammonium Enolates by Using Isothiourea Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
14	Catalytic enantioselective synthesis of 1,4-dihydropyridines <i>via</i> the addition of C(1)-ammonium enolates to pyridinium salts. <i>Chemical Science</i> , 2021, 12, 12001-12011.	7.4	18
15	$\hat{1}\pm, \hat{1}^2$ -Unsaturated acyl ammonium species as reactive intermediates in organocatalysis: an update. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2366-2384.	2.8	31
16	Ultraprapid Cerium(III)-NHC Catalysts for High Molar Mass Cyclic Polylactide. <i>ACS Catalysis</i> , 2021, 11, 1563-1569.	11.2	28
17	Enantioselective Synthesis of $\hat{1}\pm$ -Aryl- $\hat{1}^2$ -Amino-Esters by Cooperative Isothiourea and Brønsted Acid Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 11999-12007.	2.0	5
18	Kinetic and Structure-Activity Studies of the Triazolium Ion-Catalyzed Intramolecular Stetter Reaction. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3670-3675.	2.4	6

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19	Enantioselective Synthesis of β -Aryl β -Amino Esters by Cooperative Isothiourea and Brønsted Acid Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11892-11900.	13.8	23
20	In vitro and in cellulo anti-diabetic activity of AuI- and AuIII-isothiourea complexes. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108666.	3.9	1
21	Horeau amplification in the sequential acylative kinetic resolution of (\pm)-1,2-diols and (\pm)-1,3-diols in flow. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3620-3627.	2.8	9
22	Isothiourea-Catalyzed Enantioselective β -Alkylation of Esters via 1,6-Conjugate Addition to para-Quinone Methides. <i>Molecules</i> , 2021, 26, 6333.	3.8	4
23	Isothiourea-catalysed enantioselective Michael addition of N-heterocyclic pronucleophiles to β -unsaturated aryl esters. <i>Chemical Science</i> , 2020, 11, 241-247.	7.4	30
24	Unanticipated Silyl Transfer in Enantioselective β -Unsaturated Acyl Ammonium Catalysis Using Silyl Nitronates. <i>Organic Letters</i> , 2020, 22, 335-339.	4.6	22
25	The Importance of 1,5-Oxygen...Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 3734-3739.	2.0	41
26	The Importance of 1,5-Oxygen...Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3705-3710.	13.8	115
27	NHC-catalysed enantioselective intramolecular formal [4+2] cycloadditions using carboxylic acids as azolium enolate precursors. <i>Tetrahedron</i> , 2020, 76, 130835.	1.9	4
28	Recent developments in enantioselective photocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2363-2441.	2.2	80
29	A retrospective cross-sectional study to determine chirality status of registered medicines in Tanzania. <i>Scientific Reports</i> , 2020, 10, 17834.	3.3	16
30	Isothiourea-Catalyzed Acylative Kinetic Resolution of Tertiary β -Hydroxy Esters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16572-16578.	13.8	37
31	Isothiourea-Catalyzed Functionalization of Pyrrolyl and Indolylacetic Acid: Enantioselective Synthesis of Dihydropyridinones and One-pot Synthesis of Pyridinones. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1562-1566.	2.7	8
32	Isothiourea-Catalyzed Synthesis of Pyrrole and Indole-Functionalized Tetrasubstituted Pyridines. <i>ChemCatChem</i> , 2020, 12, 4522-4525.	3.7	3
33	Tandem sequential catalytic enantioselective synthesis of highly-functionalised tetrahydroindolizine derivatives. <i>Chemical Science</i> , 2020, 11, 3885-3892.	7.4	24
34	Isothiourea-Catalyzed Acylative Kinetic Resolution of Tertiary β -Hydroxy Esters. <i>Angewandte Chemie</i> , 2020, 132, 16715.	2.0	9
35	NHC-catalyzed enantioselective synthesis of β -trifluoromethyl- β -hydroxyamides. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1572-1578.	2.2	3
36	Isothiourea-Catalyzed Enantioselective Synthesis of Tetrahydro- β -carbolinones. <i>Organic Letters</i> , 2020, 22, 1301-1305.	4.6	33

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37	Continuous Flow Preparation of Enantiomerically Pure BINOL(s) by Acylative Kinetic Resolution. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1370-1377.	4.3	11
38	Isothiourea-Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7897-7905.	13.8	47
39	Isothiourea-Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. <i>Angewandte Chemie</i> , 2020, 132, 7971-7979.	2.0	13
40	A Mechanistically and Operationally Simple Route to Metal-N-heterocyclic Carbene (NHC) Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 4515-4519.	3.3	54
41	Exploring the Scope of Tandem Palladium and Isothiourea Relay Catalysis for the Synthesis of $\hat{\pm}$ -Amino Acid Derivatives. <i>Molecules</i> , 2020, 25, 2463.	3.8	7
42	Base-free Enantioselective C(1)-Ammonium Enolate Catalysis Exploiting Aryloxides: A Synthetic and Mechanistic Study. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15111-15119.	13.8	42
43	Isothiourea-Catalysed Sequential Kinetic Resolution of Acyclic ($\hat{\pm}$)-1,2-Diols. <i>Synlett</i> , 2019, 30, 1555-1560.	1.8	15
44	Base-free Enantioselective C(1)-Ammonium Enolate Catalysis Exploiting Aryloxides: A Synthetic and Mechanistic Study. <i>Angewandte Chemie</i> , 2019, 131, 15255-15263.	2.0	17
45	Catalytic enantioselective synthesis of perfluoroalkyl-substituted $\hat{1}^2$ -lactones via a concerted asynchronous [2 + 2] cycloaddition: a synthetic and computational study. <i>Chemical Science</i> , 2019, 10, 6162-6173.	7.4	40
46	Synthesis of Fused Indoline-Cyclobutanone Derivatives via an Intramolecular [2+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5169-5174.	2.4	5
47	Evaluating aryl esters as bench-stable C(1)-ammonium enolate precursors in catalytic, enantioselective Michael addition-lactonisations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4747-4752.	2.8	19
48	Chiral Au ^I and Au ^{III} -Isothiourea Complexes: Synthesis, Characterization and Application. <i>Chemistry - A European Journal</i> , 2019, 25, 1064-1075.	3.3	11
49	Isothiourea-Catalysed Regioselective Acylative Kinetic Resolution of Axially Chiral Biaryl Diols. <i>Chemistry - A European Journal</i> , 2019, 25, 2816-2823.	3.3	33
50	Acylative Kinetic Resolution of Alcohols Using a Recyclable Polymer-Supported Isothiourea Catalyst in Batch and Flow. <i>ACS Catalysis</i> , 2018, 8, 1067-1075.	11.2	38
51	A C=O... $\hat{\pm}$...Isothiuronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3200-3206.	13.8	102
52	A C=O... $\hat{\pm}$...Isothiuronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie</i> , 2018, 130, 3254-3260.	2.0	43
53	Multiple roles of aryloxide leaving groups in enantioselective annulations employing $\hat{\pm}$, $\hat{1}^2$ -unsaturated acyl ammonium catalysis. <i>Chemical Science</i> , 2018, 9, 4909-4918.	7.4	34
54	Isothiourea-Catalyzed Enantioselective Addition of 4-Nitrophenyl Esters to Iminium Ions. <i>ACS Catalysis</i> , 2018, 8, 1153-1160.	11.2	55

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55	Synthesis of the natural product descurainolide and cyclic peptides from lignin-derived aromatics. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 266-273.	2.8	6
56	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. <i>Chemical Science</i> , 2018, 9, 8035-8045.	7.4	39
57	Direct Organocatalytic Enantioselective Functionalization of SiO ₂ Surfaces. <i>Angewandte Chemie</i> , 2018, 130, 9521-9525.	2.0	2
58	Best practice considerations for using the selectivity factor, <i>s</i> , as a metric for the efficiency of kinetic resolutions. <i>Tetrahedron</i> , 2018, 74, 5554-5560.	1.9	55
59	Isothiourea-Catalyzed Enantioselective Functionalization of 2-Pyrrolyl Acetic Acid: Two-Step Synthesis of Stereodefined Dihydroindolizinones. <i>Organic Letters</i> , 2018, 20, 5482-5485.	4.6	24
60	Evaluating polymer-supported isothiourea catalysis in industrially-preferable solvents for the acylative kinetic resolution of secondary and tertiary heterocyclic alcohols in batch and flow. <i>Green Chemistry</i> , 2018, 20, 4537-4546.	9.0	26
61	Direct Organocatalytic Enantioselective Functionalization of SiO ₂ Surfaces. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9377-9381.	13.8	4
62	6-exo-trig Michael addition-lactonizations for catalytic enantioselective chromenone synthesis. <i>Chemical Communications</i> , 2017, 53, 2555-2558.	4.1	25
63	Enantioselective NHC-catalysed redox [4+2]-hetero-Diels-Alder reactions using α -aryloxyaldehydes and unsaturated ketoesters. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 355-366.	1.8	16
64	Isothiourea-catalysed chemo- and enantioselective [2,3]-sigmatropic rearrangements of N,N-diallyl allylic ammonium ylides. <i>Tetrahedron</i> , 2017, 73, 4138-4149.	1.9	14
65	Catalytic Enantioselective [2,3]-Rearrangements of Allylic Ammonium Ylides: A Mechanistic and Computational Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 4366-4375.	13.7	92
66	N- to C-sulfonyl photoisomerisation of dihydropyridinones: a synthetic and mechanistic study. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8914-8922.	2.8	10
67	Aryloxide-Facilitated Catalyst Turnover in Enantioselective α -Unsaturated Acyl Ammonium Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 12450-12455.	2.0	15
68	Enantioselective Synthesis of α -Fluoro- α -aryl- β -aminopentenamides by Organocatalytic [2,3]-Sigmatropic Rearrangement. <i>Organic Letters</i> , 2017, 19, 5182-5185.	4.6	32
69	Tandem Palladium and Isothiourea Relay Catalysis: Enantioselective Synthesis of β -Amino Acid Derivatives via Allylic Amination and [2,3]-Sigmatropic Rearrangement. <i>Journal of the American Chemical Society</i> , 2017, 139, 11895-11902.	13.7	117
70	Aryloxide-Facilitated Catalyst Turnover in Enantioselective α -Unsaturated Acyl Ammonium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12282-12287.	13.8	48
71	Enantioselective N-heterocyclic carbene catalyzed formal [3+2] cycloaddition using α -aryloxyaldehydes and oxaziridines. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 125-134.	1.8	13
72	Quinidine-Catalysed Enantioselective Synthesis of 6- and 4-Trifluoromethyl-Substituted Dihydropyrans. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3619-3624.	2.4	20

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73	Enantioselective synthesis of 2,3-disubstituted trans-2,3-dihydrobenzofurans using a Brønsted base/thiourea bifunctional catalyst. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7268-7274.	2.8	25
74	Enantioselective Synthesis of 3,5,6-Substituted Dihydropyranones and Dihydropyridinones using Isothiourea-Mediated Catalysis. <i>Chemistry - an Asian Journal</i> , 2016, 11, 395-400.	3.3	38
75	Enantioselective isothiurea-catalysed trans-dihydropyridinone synthesis using saccharin-derived ketimines: scope and limitations. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8068-8073.	2.8	27
76	Isothiourea-catalysed enantioselective pyrrolizine synthesis: synthetic and computational studies. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8957-8965.	2.8	23
77	Enantioselective Isothiourea-Catalysed Michael–Michael–Lactonisation–Cascade Reaction for the Synthesis of γ -Lactones and 1,2,3,4-Substituted Cyclopentanes. <i>Synthesis</i> , 2016, 49, 409-423.	2.3	2
78	Non-bonding 1,5-S \cdots O interactions govern chemo- and enantioselectivity in isothiurea-catalyzed annulations of benzazoles. <i>Chemical Science</i> , 2016, 7, 6919-6927.	7.4	125
79	Enantioselective Stereodivergent Nucleophile-Dependent Isothiourea-Catalysed Domino Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 17748-17757.	3.3	33
80	Exploiting the Imidazolium Effect in Base-Free Ammonium Enolate Generation: Synthetic and Mechanistic Studies. <i>Angewandte Chemie</i> , 2016, 128, 14606-14611.	2.0	15
81	Isothiourea-Catalysed Acylative Kinetic Resolution of Aryl-Alkenyl (sp ² vs. sp ³) Alkenyl. <i>Journal of Organic Chemistry</i> , 2016, 81, 10784-10791.	3.3	30
82	Exploiting the Imidazolium Effect in Base-Free Ammonium Enolate Generation: Synthetic and Mechanistic Studies. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14394-14399.	13.8	50
83	A Substrate Mimic Allows High-Throughput Assay of the FabA Protein and Consequently the Identification of a Novel Inhibitor of <i>Pseudomonas aeruginosa</i> FabA. <i>Journal of Molecular Biology</i> , 2016, 428, 108-120.	4.2	8
84	Isothiourea-Mediated Organocatalytic Michael Addition–Lactonization on a Surface: Modification of SAMs on Silicon Oxide Substrates. <i>Langmuir</i> , 2016, 32, 3130-3138.	3.5	12
85	Strategies for the construction of morphinan alkaloid AB-rings: regioselective Friedel-Crafts-type cyclisations of β -aryl- β -benzoylamido acids with asymmetrically substituted β -aryl rings. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 274-284.	1.8	11
86	Asymmetric Isothiourea-Catalysed Formal [3+2] Cycloadditions of Ammonium Enolates with Oxaziridines. <i>Chemistry - A European Journal</i> , 2015, 21, 10530-10536.	3.3	35
87	On the Functional Group Tolerance of Ester Hydrogenation and Polyester Depolymerisation Catalysed by Ruthenium Complexes of Tridentate Aminophosphine Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 10851-10860.	3.3	70
88	Enantioselective NHC-Catalyzed Redox [2+2] Cycloadditions with Perfluoroketones: A Route to Fluorinated Oxetanes. <i>Chemistry - A European Journal</i> , 2015, 21, 18944-18948.	3.3	33
89	Stereo- and Chemodivergent NHC-Promoted Functionalisation of Arylalkylketenes with Chloral. <i>Chemistry - A European Journal</i> , 2015, 21, 16354-16358.	3.3	24
90	Rate and Equilibrium Constants for the Addition of N-Heterocyclic Carbenes into Benzaldehydes: A Remarkable α -Substituent Effect. <i>Angewandte Chemie</i> , 2015, 127, 6991-6996.	2.0	29

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91	Catalytic Stereoselective [2,3]-Rearrangement Reactions. <i>ACS Catalysis</i> , 2015, 5, 7446-7479.	11.2	132
92	An asymmetric pericyclic cascade approach to 3-alkyl-3-aryloxindoles: generality, applications and mechanistic investigations. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1807-1817.	2.8	30
93	Exploring the scope of the isothiourea-mediated synthesis of dihydropyridinones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2177-2191.	2.8	38
94	Regiodivergent Lewis base-promoted O- to C-carboxyl transfer of furanyl carbonates. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2895-2900.	2.8	5
95	Proton transfer reactions of <i>N</i> -aryl triazolium salts: unusual ortho-substituent effects. <i>Journal of Physical Organic Chemistry</i> , 2015, 28, 108-115.	1.9	14
96	Rate and Equilibrium Constants for the Addition of <i>N</i> -Heterocyclic Carbenes into Benzaldehydes: A Remarkable α -Substituent Effect. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6887-6892.	13.8	63
97	Enantioselective NHC-Catalyzed Redox [4 + 2]-Hetero-Diels-Alder Reactions Using $\hat{1},\hat{1}^2$ -Unsaturated Trichloromethyl Ketones as Amide Equivalents. <i>Journal of Organic Chemistry</i> , 2015, 80, 9728-9739.	3.2	34
98	Organocatalytic Synthesis of Fused Bicyclic 2,3-Dihydro-1,3,4-oxadiazoles through an Intramolecular Cascade Cyclization. <i>Organic Letters</i> , 2015, 17, 5824-5827.	4.6	23
99	A Scalable, Chromatography-Free Synthesis of Benzotetramisole. <i>Synthesis</i> , 2014, 47, 34-41.	2.3	2
100	Synthesis of Di-, Tri-, and Tetrasubstituted Pyridines from (Phenylthio)carboxylic Acids and 2-[Aryl(tosylimino)methyl]acrylates. <i>Organic Letters</i> , 2014, 16, 6496-6499.	4.6	40
101	2-Arylacetic anhydrides as ammonium enolate precursors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 624-636.	2.8	50
102	Catalyst selective and regiodivergent O- to C- or N-carboxyl transfer of pyrazolyl carbonates: synthetic and computational studies. <i>Chemical Science</i> , 2014, 5, 3651.	7.4	27
103	Asymmetric Synthesis of Tri- and Tetrasubstituted Trifluoromethyl Dihydropyranones from $\hat{1},\hat{1}^2$ -Aroyloxyaldehydes via NHC Redox Catalysis. <i>ACS Catalysis</i> , 2014, 4, 2696-2700.	11.2	49
104	Organocatalytic Lewis base functionalisation of carboxylic acids, esters and anhydrides via C1-ammonium or azolium enolates. <i>Chemical Society Reviews</i> , 2014, 43, 6214-6226.	38.1	171
105	Isothiourea-Mediated One-Pot Synthesis of Trifluoromethyl Substituted 2-Pyrones. <i>Organic Letters</i> , 2014, 16, 964-967.	4.6	94
106	Stereodivergent Organocatalytic Intramolecular Michael Addition/Lactonization for the Asymmetric Synthesis of Substituted Dihydrobenzofurans and Tetrahydrofurans. <i>Chemistry - A European Journal</i> , 2014, 20, 9762-9769.	3.3	49
107	Organocatalytic Michael addition-lactonisation of carboxylic acids using $\hat{1},\hat{1}^2$ -unsaturated trichloromethyl ketones as $\hat{1},\hat{1}^2$ -unsaturated ester equivalents. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9016-9027.	2.8	41
108	$\hat{1},\hat{1}^2$ -Ketophosphonates as Ester Surrogates: Isothiourea-Catalyzed Asymmetric Diester and Lactone Synthesis. <i>Organic Letters</i> , 2014, 16, 2506-2509.	4.6	47

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109	An Isothiourea-Catalyzed Asymmetric [2,3]-Rearrangement of Allylic Ammonium Ylides. <i>Journal of the American Chemical Society</i> , 2014, 136, 4476-4479.	13.7	149
110	Isothiourea-Mediated Asymmetric Functionalization of 3-Alkenoic Acids. <i>Journal of Organic Chemistry</i> , 2014, 79, 1640-1655.	3.2	63
111	Isothiourea-Catalyzed Asymmetric Synthesis of β -Lactams and β -Amino Esters from Arylacetic Acid Derivatives and <i>N</i> -Sulfonylaldimines. <i>Journal of Organic Chemistry</i> , 2014, 79, 1626-1639.	3.2	77
112	Isothiourea-mediated asymmetric Michael-lactonisation of trifluoromethylenones: a synthetic and mechanistic study. <i>Chemical Science</i> , 2013, 4, 4146.	7.4	117
113	Isothiourea-Mediated One-Pot Synthesis of Functionalized Pyridines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11642-11646.	13.8	105
114	Asymmetric NHC-Catalyzed Redox β -Amination of β -Aroyloxyaldehydes. <i>Organic Letters</i> , 2013, 15, 6058-6061.	4.6	60
115	Stereospecific Asymmetric N-Heterocyclic Carbene (NHC)-Catalyzed Redox Synthesis of Trifluoromethyl Dihydropyranones and Mechanistic Insights. <i>Journal of Organic Chemistry</i> , 2013, 78, 9243-9257.	3.2	64
116	The development of highly active acyclic chiral hydrazides for asymmetric iminium ion organocatalysis. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7877.	2.8	20
117	Mechanistic insights into the triazolylidene-catalysed Stetter and benzoin reactions: role of the N-aryl substituent. <i>Chemical Science</i> , 2013, 4, 1514.	7.4	134
118	Structural Insights into the Mechanism and Inhibition of the β -Hydroxydecanoyl-Acyl Carrier Protein Dehydratase from <i>Pseudomonas aeruginosa</i> . <i>Journal of Molecular Biology</i> , 2013, 425, 365-377.	4.2	30
119	Anhydrides as β , β -unsaturated acyl ammonium precursors: isothiourea-promoted catalytic asymmetric annulation processes. <i>Chemical Science</i> , 2013, 4, 2193.	7.4	137
120	NHC-Promoted Asymmetric β -Lactone Formation from Arylalkylketenes and Electron-Deficient Benzaldehydes or Pyridinecarboxaldehydes. <i>Journal of Organic Chemistry</i> , 2013, 78, 3925-3938.	3.2	66
121	NHC-mediated enantioselective formal [4 + 2] cycloadditions of alkylarylketenes and β , β -unsaturated β -ketocarboxylic esters and amides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3230.	2.8	32
122	Telescoped Synthesis of Stereodefined Pyrrolidines. <i>Organic Letters</i> , 2013, 15, 3472-3475.	4.6	54
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