Andrew D. Smith

List of Publications by Citations

247 papers	8,823 citations	50 h-index	75 g-index
344 ext. papers	9,836 ext. citations	5.9 avg, IF	6.34 L-index

#	Paper	IF	Citations
247	The conjugate addition of enantiomerically pure lithium amides as homochiral ammonia equivalents: scope, limitations and synthetic applications. *Tetrahedron: Asymmetry*, **2005**, 16, 2833-2891		252
246	Organocatalytic functionalization of carboxylic acids: isothiourea-catalyzed asymmetric intra- and intermolecular Michael addition--lactonizations. *Journal of the American Chemical Society*, **2011**, 133, 2714-20	16.4	222
245	N-Heterocyclic carbene catalysed beta-lactam synthesis. *Organic and Biomolecular Chemistry*, **2008**, 6, 1108-13	3.9	221
244	NHCs in Asymmetric Organocatalysis: Recent Advances in Azolium Enolate Generation and Reactivity. *Synthesis*, **2012**, 44, 2295-2309	2.9	215
243	Isothiourea-catalyzed enantioselective carboxy group transfer. *Angewandte Chemie - International Edition*, **2009**, 48, 8914-8	16.4	147
242	Dihydropyridones: catalytic asymmetric synthesis, N- to C-sulfonyl transfer, and derivatizations. *Angewandte Chemie - International Edition*, **2012**, 51, 3653-7	16.4	136
241	Organocatalytic Lewis base functionalisation of carboxylic acids, esters and anhydrides via C1-ammonium or azolium enolates. *Chemical Society Reviews*, **2014**, 43, 6214-26	58.5	130
240	Proton transfer reactions of triazol-3-ylidenes: kinetic acidities and carbon acid pKa values for twenty triazolium salts in aqueous solution. *Journal of the American Chemical Society*, **2012**, 134, 20421-32	16.4	127
239	Mechanistic insights into the triazolylidene-catalysed Stetter and benzoin reactions: role of the N-aryl substituent. *Chemical Science*, **2013**, 4, 1514	9.4	120
238	Anhydrides as α,β-unsaturated acyl ammonium precursors: isothiourea-promoted catalytic asymmetric annulation processes. *Chemical Science*, **2013**, 4, 2193	9.4	119
237	An isothiourea-catalyzed asymmetric [2,3]-rearrangement of allylic ammonium ylides. *Journal of the American Chemical Society*, **2014**, 136, 4476-9	16.4	107
236	Catalytic Stereoselective [2,3]-Rearrangement Reactions. *ACS Catalysis*, **2015**, 5, 7446-7479	13.1	105
235	Efficient N-heterocyclic carbene-catalyzed O- to C-acyl transfer. *Organic Letters*, **2006**, 8, 3785-8	6.2	102
234	Non-bonding 1,5-S···O interactions govern chemo- and enantioselectivity in isothiourea-catalyzed annulations of benzazoles. *Chemical Science*, **2016**, 7, 6919-6927	9.4	99
233	α-Aroyloxyaldehydes: scope and limitations as alternatives to α-haloaldehydes for NHC-catalysed redox transformations. *Chemical Communications*, **2011**, 47, 373-5	5.8	98
232	Isothiourea-mediated asymmetric Michael-lactonisation of trifluoromethylenones: a synthetic and mechanistic study. *Chemical Science*, **2013**, 4, 4146	9.4	97
231	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, 1665-73	3.9	94

230	Isothiourea-mediated one-pot synthesis of functionalized pyridines. *Angewandte Chemie - International Edition*, **2013**, 52, 11642-6	16.4	93
229	Highly enantioselective organocatalysis of the Hajos-Parrish-Eder-Sauer-Wiechert reaction by the beta-amino acid cispentacin. *Chemical Communications*, **2005**, 3802-4	5.8	90
228	Asymmetric synthesis of vicinal amino alcohols: xestoaminol C, sphinganine and sphingosine. *Organic and Biomolecular Chemistry*, **2008**, 6, 1655-64	3.9	84
227	Asymmetric synthesis of cyclic □amino acids and cyclic amines via sequential diastereoselective conjugate addition and ring closing metathesis. *Tetrahedron*, **2003**, 59, 3253-3265	2.4	81
226	Asymmetric synthesis of Sedum alkaloids via lithium amide conjugate addition. *Tetrahedron*, **2009**, 65, 10192-10213	2.4	80
225	Catalytic asymmetric □-amination of carboxylic acids using isothioureas. *Chemical Science*, **2012**, 3, 2088	9.4	79
224	Isothiourea-mediated one-pot synthesis of trifluoromethyl substituted 2-pyrones. *Organic Letters*, **2014**, 16, 964-7	6.2	78
223	A C=O???Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. *Angewandte Chemie - International Edition*, **2018**, 57, 3200-3206	16.4	77
222	Tandem Palladium and Isothiourea Relay Catalysis: Enantioselective Synthesis of □-Amino Acid Derivatives via Allylic Amination and [2,3]-Sigmatropic Rearrangement. *Journal of the American Chemical Society*, **2017**, 139, 11895-11902	16.4	77
221	Structure-enantioselectivity effects in 3,4-dihydropyrimido[2,1-b]benzothiazole-based isothioureas as enantioselective acylation catalysts. *Organic and Biomolecular Chemistry*, **2011**, 9, 559-70	3.9	73
220	An asymmetric hetero-claisen approach to 3-alkyl-3-aryloxindoles. *Organic Letters*, **2009**, 11, 3858-61	6.2	72
219	Homochiral lithium amides for the asymmetric synthesis of □amino acids. *Tetrahedron: Asymmetry*, **2006**, 17, 1793-1811		72
218	N-Heterocyclic Carbene-Mediated Enantioselective Addition of Phenols to Unsymmetrical Alkylarylketenes. *Advanced Synthesis and Catalysis*, **2009**, 351, 3001-3009	5.6	71
217	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		71
216	Chemoselective debenzylation of N-benzyl tertiary amines with ceric ammonium nitrate. *Journal of the Chemical Society, Perkin Transactions 1*, **2000**, 3765-3774		71
215	Catalytic Enantioselective [2,3]-Rearrangements of Allylic Ammonium Ylides: A Mechanistic and Computational Study. *Journal of the American Chemical Society*, **2017**, 139, 4366-4375	16.4	69
214	Isothiourea-catalyzed asymmetric synthesis of □lactams and □amino esters from arylacetic acid derivatives and N-sulfonylaldimines. *Journal of Organic Chemistry*, **2014**, 79, 1626-39	4.2	69
213	Evaluating beta-amino acids as enantioselective organocatalysts of the Hajos-Parrish-Eder-Sauer-Wiechert reaction. *Organic and Biomolecular Chemistry*, **2007**, 5, 3190-200	3.9	66

212	The Importance of 1,5-Oxygen???Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. *Angewandte Chemie - International Edition*, **2020**, 59, 3705-3710	16.4	65
211	Asymmetric synthesis and applications of beta-amino Weinreb amides: asymmetric synthesis of (S)-coniine. *Organic and Biomolecular Chemistry*, **2004**, 2, 1387-94	3.9	62
210	Probing the efficiency of N-heterocyclic carbene promoted O- to C-carboxyl transfer of oxazolyl carbonates. *Journal of Organic Chemistry*, **2008**, 73, 2784-91	4.2	59
209	Rate and equilibrium constants for the addition of N-heterocyclic carbenes into benzaldehydes: a remarkable 2-substituent effect. *Angewandte Chemie - International Edition*, **2015**, 54, 6887-92	16.4	58
208	NHC-promoted asymmetric □-lactone formation from arylalkylketenes and electron-deficient benzaldehydes or pyridinecarboxaldehydes. *Journal of Organic Chemistry*, **2013**, 78, 3925-38	4.2	57
207	Kinetic resolution and parallel kinetic resolution of methyl (+/-)-5-alkyl-cyclopentene-1-carboxylates for the asymmetric synthesis of 5-alkyl-cispentacin derivatives. *Organic and Biomolecular Chemistry*, **2005**, 3, 2762-75	3.9	57
206	Iodine-mediated ring-closing iodoamination with concomitant N-debenzylation for the asymmetric synthesis of polyhydroxylated pyrrolidines. *Tetrahedron: Asymmetry*, **2009**, 20, 758-772		56
205	Ammonium-directed oxidation of cyclic allylic and homoallylic amines. *Journal of Organic Chemistry*, **2009**, 74, 6735-48	4.2	56
204	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, 2945-64	3.9	55
203	Ring Closing Metathesis for the Asymmetric Synthesis of (S)-Homopipecolic Acid, (S)-Homoproline and (S)-Coniine. *Synlett*, **2002**, 2002, 1146-1148	2.2	55
202	Stereospecific asymmetric N-heterocyclic carbene (NHC)-catalyzed redox synthesis of trifluoromethyl dihydropyranones and mechanistic insights. *Journal of Organic Chemistry*, **2013**, 78, 9243-57	4.2	54
201	Highly (E)-selective Wadsworth-Emmons reactions promoted by methylmagnesium bromide. *Organic Letters*, **2008**, 10, 5437-40	6.2	52
200	Isothiourea-mediated asymmetric functionalization of 3-alkenoic acids. *Journal of Organic Chemistry*, **2014**, 79, 1640-55	4.2	51
199	Dihydropyridones: Catalytic Asymmetric Synthesis, N- to C-Sulfonyl Transfer, and Derivatizations. *Angewandte Chemie*, **2012**, 124, 3713-3717	3.6	50
198	Asymmetric synthesis of beta2-amino acids: 2-substituted-3-aminopropanoic acids from N-acryloyl SuperQuat derivatives. *Organic and Biomolecular Chemistry*, **2007**, 5, 2812-25	3.9	50
197	Asymmetric NHC-catalyzed redox □-amination of □-aroyloxyaldehydes. *Organic Letters*, **2013**, 15, 6058-61	6.2	49
196	Telescoped synthesis of stereodefined pyrrolidines. *Organic Letters*, **2013**, 15, 3472-5	6.2	48
195	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, 10851-60	4.8	47

194	Asymmetric synthesis of beta-amino-gamma-substituted-gamma-butyrolactones: double diastereoselective conjugate addition of homochiral lithium amides to homochiral alpha,beta-unsaturated esters. *Organic and Biomolecular Chemistry*, **2007**, 5, 3922-31	3.9	47
193	Parallel synthesis of homochiral β-amino acids. *Tetrahedron: Asymmetry*, **2007**, 18, 1554-1566		47
192	Asymmetric total synthesis of sperabillins B and D via lithium amide conjugate addition. *Organic and Biomolecular Chemistry*, **2004**, 2, 2630-49	3.9	47
191	Chemoselective oxidative debenzylation of tertiary N-benzyl amines. *Chemical Communications*, **2000**, 337-338	5.8	47
190	Ammonium-directed dihydroxylation: metal-free synthesis of the diastereoisomers of 3-aminocyclohexane-1,2-diol. *Organic and Biomolecular Chemistry*, **2008**, 6, 3762-70	3.9	46
189	SuperQuat N-acyl-5,5-dimethyloxazolidin-2-ones for the asymmetric synthesis of alpha-alkyl and beta-alkyl aldehydes. *Organic and Biomolecular Chemistry*, **2003**, 1, 2886-99	3.9	45
188	Asymmetric synthesis of anti-(2S,3S)- and syn-(2R,3S)-diaminobutanoic acid. *Organic and Biomolecular Chemistry*, **2003**, 1, 3708-15	3.9	45
187	Asymmetric pericyclic cascade approach to spirocyclic oxindoles. *Organic Letters*, **2012**, 14, 2762-5	6.2	44
186	2-Arylacetic anhydrides as ammonium enolate precursors. *Organic and Biomolecular Chemistry*, **2014**, 12, 624-36	3.9	43
185	Catalytic enantioselective Steglich rearrangements using chiral N-heterocyclic carbenes. *Tetrahedron: Asymmetry*, **2011**, 22, 797-811		43
184	Cyclic beta-amino acid derivatives: synthesis via lithium amide promoted tandem asymmetric conjugate addition-cyclisation reactions. *Organic and Biomolecular Chemistry*, **2005**, 3, 1284-301	3.9	43
183	Asymmetric synthesis of (4R,5R)-cytoxazone and (4R,5S)-epi-cytoxazone. *Organic and Biomolecular Chemistry*, **2004**, 2, 1549-53	3.9	42
182	Doubly diastereoselective conjugate addition of homochiral lithium amides to homochiral alpha,beta-unsaturated esters containing cis- and trans-dioxolane units. *Organic and Biomolecular Chemistry*, **2009**, 7, 761-76	3.9	41
181	Tandem multi-step synthesis of C-carboxyazlactones promoted by N-heterocyclic carbenes. *Chemical Communications*, **2008**, 3528-30	5.8	41
180	Stereodivergent organocatalytic intramolecular Michael addition/lactonization for the asymmetric synthesis of substituted dihydrobenzofurans and tetrahydrofurans. *Chemistry - A European Journal*, **2014**, 20, 9762-9	4.8	40
179	"Pure by NMR"?. *Organic Letters*, **2008**, 10, 5433-6	6.2	40
178	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, 2195-203	3.9	40
177	Asymmetric synthesis of 2-alkyl- and 2-aryl-3-aminopropionic acids (beta2-amino acids) from (S)-N-acryloyl-5,5-dimethyloxazolidin-2-one SuperQuat derivatives. *Chemical Communications*, **2004**, 2778-9	5.8	40

176	Asymmetric Synthesis of Tri- and Tetrasubstituted Trifluoromethyl Dihydropyranones from -Aroyloxyaldehydes via NHC Redox Catalysis. *ACS Catalysis*, **2014**, 4, 2696-2700	13.1	39
175	Asymmetric synthesis of piperidines and octahydroindolizines using a one-pot ring-closure/N-debenzylation procedure. *Tetrahedron*, **2011**, 67, 9975-9992	2.4	39
174	Asymmetric synthesis of syn- and anti--deuterio--phenylalanine derivatives. *Tetrahedron: Asymmetry*, **2011**, 22, 1035-1050		39
173	Isothiourea-mediated stereoselective C-acylation of silyl ketene acetals. *Organic Letters*, **2010**, 12, 2660-3	6.2	39
172	Amidine catalysed O- to C-carboxyl transfer of heterocyclic carbonate derivatives. *Organic and Biomolecular Chemistry*, **2008**, 6, 2900-7	3.9	39
171	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**, 2410-1	5.8	39
170	A C=O???Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. *Angewandte Chemie*, **2018**, 130, 3254-3260	3.6	38
169	Parallel kinetic resolution of tert-butyl (RS)-3-alkyl-cyclopentene-1-carboxylates for the asymmetric synthesis of 3-alkyl-cispentacin derivatives. *Organic and Biomolecular Chemistry*, **2004**, 2, 3355-62	3.9	38
168	Best practice considerations for using the selectivity factor, s, as a metric for the efficiency of kinetic resolutions. *Tetrahedron*, **2018**, 74, 5554-5560	2.4	37
167	-Ketophosphonates as ester surrogates: isothiourea-catalyzed asymmetric diester and lactone synthesis. *Organic Letters*, **2014**, 16, 2506-9	6.2	37
166	Synthesis of di-, tri-, and tetrasubstituted pyridines from (phenylthio)carboxylic acids and 2-[aryl(tosylimino)methyl]acrylates. *Organic Letters*, **2014**, 16, 6496-9	6.2	37
165	Pericyclic cascade with chirality transfer: reaction pathway and origin of enantioselectivity of the hetero-Claisen approach to oxindoles. *Angewandte Chemie - International Edition*, **2011**, 50, 11478-82	16.4	37
164	Chiral relay in NHC-mediated asymmetric lactam synthesis I; substituent effects in NHCs derived from (1R,2R)-cyclohexane-1,2-diamine. *Tetrahedron: Asymmetry*, **2010**, 21, 582-600		37
163	NHC-Mediated Chlorination of Unsymmetrical Ketenes: Catalysis and Asymmetry. *European Journal of Organic Chemistry*, **2010**, 2010, 5863-5869	3.2	36
162	Isothiourea-Catalyzed Enantioselective Addition of 4-Nitrophenyl Esters to Iminium Ions. *ACS Catalysis*, **2018**, 8, 1153-1160	13.1	36
161	A tandem conjugate addition/cyclization protocol for the asymmetric synthesis of 2-aryl-4-aminotetrahydroquinoline-3-carboxylic acid derivatives. *Organic Letters*, **2009**, 11, 1959-62	6.2	35
160	The Asymmetric Synthesis ofd-Galactose via an Iterativesyn-Glycolate Aldol Strategy. *Synlett*, **2002**, 2002, 1637-1640	2.2	35
159	SuperQuat, (S)-4-benzyl-5,5-dimethyl-oxazolidin-2-one for the asymmetric synthesis of -substituted-aldehydes. *Tetrahedron: Asymmetry*, **2000**, 11, 3475-3479		35

158	Exploiting the Imidazolium Effect in Base-free Ammonium Enolate Generation: Synthetic and Mechanistic Studies. *Angewandte Chemie - International Edition*, **2016**, 55, 14394-14399	16.4	34
157	Iodine-mediated Ring Closing Alkene Iodoamination with N-Debenzylation for the Asymmetric Synthesis of Polyhydroxylated Pyrrolidines. *Synlett*, **2004**, 2004, 0901-0903	2.2	34
156	Orthogonal N,N-deprotection strategies of β-amino esters. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 3106-3111		34
155	Recent developments in enantioselective photocatalysis. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 2363-2441	2.5	34
154	Organocatalytic Michael addition-lactonisation of carboxylic acids using α,β-unsaturated trichloromethyl ketones as α,β-unsaturated ester equivalents. *Organic and Biomolecular Chemistry*, **2014**, 12, 9016-27	3.9	33
153	Applications of NHC-mediated O- to C-carboxyl transfer: synthesis of (±)-N-benzyl-coerulescine and (±)-horsfiline. *Tetrahedron*, **2010**, 66, 3801-3813	2.4	33
152	Aryloxide-Facilitated Catalyst Turnover in Enantioselective α,β-Unsaturated Acyl Ammonium Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 12282-12287	16.4	32
151	Isothiourea-Mediated One-Pot Synthesis of Functionalized Pyridines. *Angewandte Chemie*, **2013**, 125, 11856-11860	3.6	32
150	Nucleophilicities and Lewis basicities of isothiourea derivatives. *Journal of Organic Chemistry*, **2011**, 76, 5104-12	4.2	32
149	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		32
148	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-(2)H,3-2H]-phenylalanine methyl ester. *Organic and Biomolecular Chemistry*, **2005**, 3, 1435-47	3.9	32
147	Double asymmetric induction as a mechanistic probe: conjugate addition for the asymmetric synthesis of a pseudotripeptide. *Chemical Communications*, **2004**, 1128-9	5.8	32
146	Catalytic enantioselective synthesis of perfluoroalkyl-substituted β-lactones a concerted asynchronous [2 + 2] cycloaddition: a synthetic and computational study. *Chemical Science*, **2019**, 10, 6162-6173	9.4	31
145	Asymmetric Isothiourea-Catalysed Formal [3+2] Cycloadditions of Ammonium Enolates with Oxaziridines. *Chemistry - A European Journal*, **2015**, 21, 10530-6	4.8	31
144	Exploring the scope of the isothiourea-mediated synthesis of dihydropyridinones. *Organic and Biomolecular Chemistry*, **2015**, 13, 2177-91	3.9	31
143	Oxazinanones as chiral auxiliaries: synthesis and evaluation in enolate alkylations and aldol reactions. *Organic and Biomolecular Chemistry*, **2006**, 4, 2753-68	3.9	31
142	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, 3337-54	3.9	31
141	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, 2763-76	3.9	31

140	A Mechanistically and Operationally Simple Route to Metal-N-Heterocyclic Carbene (NHC) Complexes. *Chemistry - A European Journal*, **2020**, 26, 4515-4519	4.8	31
139	Acylative Kinetic Resolution of Alcohols Using a Recyclable Polymer-Supported Isothiourea Catalyst in Batch and Flow. *ACS Catalysis*, **2018**, 8, 1067-1075	13.1	30
138	Enantioselective Stereodivergent Nucleophile-Dependent Isothiourea-Catalysed Domino Reactions. *Chemistry - A European Journal*, **2016**, 22, 17748-17757	4.8	29
137	Enantioselective Synthesis of 3,5,6-Substituted Dihydropyranones and Dihydropyridinones using Isothiourea-Mediated Catalysis. *Chemistry - an Asian Journal*, **2016**, 11, 395-400	4.5	29
136	Enantioselective NHC-Catalyzed Redox [4 + 2]-Hetero-Diels-Alder Reactions Using □,□Unsaturated Trichloromethyl Ketones as Amide Equivalents. *Journal of Organic Chemistry*, **2015**, 80, 9728-39	4.2	28
135	Isothiourea-mediated asymmetric O- to C-carboxyl transfer of oxazolyl carbonates: structure-selectivity profiles and mechanistic studies. *Chemistry - A European Journal*, **2012**, 18, 2398-408	4.8	28
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133	A systematic study of the solid state and solution phase conformational preferences of □peptides derived from transpentacin. *Tetrahedron: Asymmetry*, **2010**, 21, 1797-1815		28
132	Chiral relay in NHC-mediated asymmetric □lactam synthesis II; asymmetry from NHCs derived from acyclic 1,2-diamines. *Tetrahedron: Asymmetry*, **2010**, 21, 601-616		28
131	The Importance of 1,5-Oxygen???Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. *Angewandte Chemie*, **2020**, 132, 3734-3739	3.6	28
130	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. *Chemical Science*, **2018**, 9, 8035-8045	9.4	28
129	Isothiourea-Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. *Angewandte Chemie - International Edition*, **2020**, 59, 7897-7905	16.4	27
128	Rate and Equilibrium Constants for the Addition of N-Heterocyclic Carbenes into Benzaldehydes: A Remarkable 2-Substituent Effect. *Angewandte Chemie*, **2015**, 127, 6991-6996	3.6	27
127	Stereoselective functionalisation of SuperQuat enamides: asymmetric synthesis of homochiral 1,2-diols and □-benzyloxy carbonyl compounds. *Tetrahedron*, **2008**, 64, 9320-9344	2.4	27
126	Asymmetric synthesis of □pyridyl-□amino acid derivatives. *Journal of the Chemical Society, Perkin Transactions 1*, **2002**, 1858-1868		27
125	Structural insights into the mechanism and inhibition of the □hydroxydecanoyl-acyl carrier protein dehydratase from Pseudomonas aeruginosa. *Journal of Molecular Biology*, **2013**, 425, 365-77	6.5	26
124	Enantioselective NHC-Catalyzed Redox [2+2] Cycloadditions with Perfluoroketones: A Route to Fluorinated Oxetanes. *Chemistry - A European Journal*, **2015**, 21, 18944-8	4.8	26
123	Organic base effects in NHC promoted O- to C-carboxyl transfer; chemoselectivity profiles, mechanistic studies and domino catalysis. *Organic and Biomolecular Chemistry*, **2011**, 9, 4205-18	3.9	26

122	Isothiourea-catalysed asymmetric C-acylation of silyl ketene acetals. *Chemistry - A European Journal*, **2011**, 17, 11060-7	4.8	26
121	Asymmetric synthesis of (1R,2S,3R)-3-methylcispentacin and (1S,2S,3R)-3-methyltranspentacin by kinetic resolution of tert-butyl (+/-)-3-methylcyclopentene-1-carboxylate. *Organic and Biomolecular Chemistry*, **2003**, 1, 3698-707	3.9	26
120	Asymmetric synthesis of (1R,2S,3R)-gamma-methyl-cis-pentacin by a kinetic resolution protocol. *Chemical Communications*, **2002**, 2910-1	5.8	26
119	Enantiodiscrimination of racemic electrophiles by diketopiperazine enolates: asymmetric synthesis of methyl 2-amino-3-aryl-butanoates and 3-methyl-aspartates. *Tetrahedron*, **2006**, 62, 7911-7925	2.4	25
118	Double diastereoselective SuperQuat glycolate aldol reactions: application to the asymmetric synthesis of polyfunctionalised lactones. *Organic and Biomolecular Chemistry*, **2004**, 2, 3385-400	3.9	25
117	Asymmetric synthesis of the stereoisomers of 2-amino-5-carboxymethyl-cyclopentane-1-carboxylate. *Organic and Biomolecular Chemistry*, **2004**, 2, 364-72	3.9	25
116	Multiple roles of aryloxide leaving groups in enantioselective annulations employing □,□unsaturated acyl ammonium catalysis. *Chemical Science*, **2018**, 9, 4909-4918	9.4	24
115	Isothiourea-Catalysed Acylative Kinetic Resolution of Aryl-Alkenyl (sp vs. sp) Substituted Secondary Alcohols. *Chemistry - A European Journal*, **2016**, 22, 18916-18922	4.8	24
114	Enantioselective Synthesis of □Fluoro-□aryl-□-aminopentenamides by Organocatalytic [2,3]-Sigmatropic Rearrangement. *Organic Letters*, **2017**, 19, 5182-5185	6.2	24
113	Doubly diastereoselective [3,3]-sigmatropic aza-Claisen rearrangements. *Organic and Biomolecular Chemistry*, **2009**, 7, 2604-11	3.9	24
112	Structural effects in pyrazolidinone-mediated organocatalytic Diels□Alder reactions. *Tetrahedron*, **2010**, 66, 8992-9008	2.4	24
111	Diastereoselective synthesis of quaternary alpha-amino acids from diketopiperazine templates. *Organic and Biomolecular Chemistry*, **2007**, 5, 2138-47	3.9	24
110	A SuperQuat glycolate aldol approach to the asymmetric synthesis of hexose monosaccharides. *Organic and Biomolecular Chemistry*, **2005**, 3, 348-59	3.9	24
109	Isothiourea-Catalyzed Acylative Kinetic Resolution of Tertiary □-Hydroxy Esters. *Angewandte Chemie - International Edition*, **2020**, 59, 16572-16578	16.4	23
108	Catalyst selective and regiodivergent O- to C- or N-carboxyl transfer of pyrazolyl carbonates: synthetic and computational studies. *Chemical Science*, **2014**, 5, 3651	9.4	23
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