Stephen Connon

List of Publications by Year
in descending order

112 papers	9,442 citations	43973 48 h-index	37111 96 g-index
170 all docs	170 docs citations	170 times ranked	6098 citing authors

#	Article	IF	Citations
1	Recent Developments in Olefin Cross-Metathesis. Angewandte Chemie - International Edition, 2003, 42, 1900-1923.	7.2	1,078
2	Organocatalysis Mediated by (Thio)urea Derivatives. Chemistry - A European Journal, 2006, 12, 5418-5427.	1.7	805
3	Asymmetric catalysis with bifunctional cinchona alkaloid-based urea and thiourea organocatalysts. Chemical Communications, 2008, , 2499.	2.2	778
4	Urea- and Thiourea-Substituted Cinchona Alkaloid Derivatives as Highly Efficient Bifunctional Organocatalysts for the Asymmetric Addition of Malonate to Nitroalkenes: Inversion of Configuration at C9 Dramatically Improves Catalyst Performance.. Angewandte Chemie - International Edition, 2005, 44, 6367-6370.	7.2	631
5	Chiral Phosphoric Acids: Powerful Organocatalysts for Asymmetric Addition Reactions to Imines. Angewandte Chemie - International Edition, 2006, 45, 3909-3912.	7.2	376
6	Readily Accessible 9-epi-amino Cinchona Alkaloid Derivatives Promote Efficient, Highly Enantioselective Additions of Aldehydes and Ketones to Nitroolefins. Organic Letters, 2007, 9, 599-602.	2.4	272
7	JÃ¼ngste Entwicklungen bei der gekreuzten Olefinmetathese. Angewandte Chemie, 2003, 115, 1944-1968.	1.6	258
8	A Magnetic-Nanoparticle-Supported 4-N,N-Dialkylaminopyridine Catalyst: Excellent Reactivity Combined with Facile Catalyst Recovery and Recyclability. Angewandte Chemie - International Edition, 2007, 46, 4329-4332.	7.2	258
9	Asymmetric organocatalytic reductions mediated by dihydropyridines. Organic and Biomolecular Chemistry, 2007, 5, 3407.	1.5	177
10	Highly Enantioselective Benzoin Condensation Reactions Involving a Bifunctional Protic Pentafluorophenyl-Substituted Triazolium Precatalyst. Journal of Organic Chemistry, 2009, 74, 9214-9217.	1.7	146
11	Acceleration of the DABCO-promoted Baylisâ€“Hillman reaction using a recoverable H-bonding organocatalyst. Tetrahedron Letters, 2004, 45, 1301-1305.	0.7	143
12	Ruthenium olefin metathesis catalysts with modified styrene ethers: influence of steric and electronic effects. Tetrahedron, 2003, 59, 6545-6558.	1.0	139
13	Nucleophilic carbene-catalysed oxidative esterification reactions. Tetrahedron Letters, 2008, 49, 4003-4006.	0.7	139
14	Novel axially chiral bis-arylthiourea-based organocatalysts for asymmetric Friedelâ€“Crafts type reactions. Tetrahedron Letters, 2006, 47, 7037-7042.	0.7	135
15	The First Magnetic Nanoparticleâ€Supported Chiral DMAP Analogue: Highly Enantioselective Acylation and Excellent Recyclability. Chemistry - A European Journal, 2009, 15, 5669-5673.	1.7	128
16	Stereoselective Synthesis of Highly Functionalized Nitrocyclopropanes via Organocatalyic Conjugate Addition to Nitroalkenes. Journal of Organic Chemistry, 2006, 71, 7494-7497.	1.7	126
17	The Catalytic Asymmetric Strecker Reaction: Ketimines Continue to Join the Fold. Angewandte Chemie - International Edition, 2008, 47, 1176-1178.	7.2	121
18	A solid-Supported phosphine-Free ruthenium alkylidene for olefin metathesis in methanol and water. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1873-1876.	1.0	118

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19	Catalytic Asymmetric Tamura Cycloadditions. Angewandte Chemie - International Edition, 2014, 53, 2628-2632.	7.2	108
20	Highly Chemoselective Direct Crossed Aliphaticâ"Aromatic Acyloin Condensations with Triazolium-Derived Carbene Catalysts. Journal of Organic Chemistry, 2011, 76, 347-357.	1.7	106
21	Highly Enantioselective Desymmetrization of Meso Anhydrides by a Bifunctional Thiourea-Based Organocatalyst at Low Catalyst Loadings and Room Temperature. Journal of Organic Chemistry, 2008, 73, 2454-2457.	1.7	102
22	NHC-catalysed, chemoselective crossed-acyloin reactions. Chemical Science, 2012, 3, 735-740.	3.7	94
23	Highly Efficient and Recyclable Polymer-Bound Catalyst for Olefin Metathesis Reactions. Synlett, 2001, 2001, 1547-1550.	1.0	93
24	Synergistic organocatalysis in the kinetic resolution of secondary thiols with concomitant desymmetrization of an anhydride. Nature Chemistry, 2010, 2, 380-384.	6.6	86
25	Organocatalytic Asymmetric Addition of Alcohols and Thiols to Activated Electrophiles: Efficient Dynamic Kinetic Resolution and Desymmetrization Protocols. Journal of Organic Chemistry, 2008, 73, 6409-6412.	1.7	85
26	The immobilisation of chiral organocatalysts on magnetic nanoparticles: the support particle cannot always be considered inert. Organic and Biomolecular Chemistry, 2011, 9, 7929.	1.5	85
27	Acrylamide in the Baylisâ"Hillman Reaction:Â Expanded Reaction Scope and the Unexpected Superiority of DABCO over More Basic Tertiary Amine Catalysts. Journal of Organic Chemistry, 2004, 69, 6496-6499.	1.7	82
28	Kinetic resolution of sec-alcohols using a new class of readily assembled (S)-proline-derived 4-(pyrrolidino)-pyridine analogues. Organic and Biomolecular Chemistry, 2005, 3, 981-984.	1.5	80
29	Conformational control of nonplanar free base porphyrins: towards bifunctional catalysts of tunable basicity. Chemical Communications, 2018, 54, 26-29.	2.2	80
30	Aerobic oxidation of NHC-catalysed aldehyde esterifications with alcohols: benzoin, not the Breslow intermediate, undergoes oxidation. Chemical Communications, 2013, 49, 6513.	2.2	77
31	Computational Study-Led Organocatalyst Design:â€‰ A Novel, Highly Active Urea-Based Catalyst for Addition Reactions to Epoxides. Journal of Organic Chemistry, 2008, 73, 948-956.	1.7	69
32	Nonenzymatic Acylative Kinetic Resolution of Baylisâ"Hillman Adducts. Journal of Organic Chemistry, 2007, 72, 7066-7069.	1.7	67
33	Novel amine-catalysed hydroalkoxylation reactions of activated alkenes and alkynes. Chemical Communications, 2005, , 227.	2.2	66
34	Diaminocyclopropenylidene Organocatalysts: Beyond Nâ€Heterocyclic Carbenes. Angewandte Chemie - International Edition, 2014, 53, 1203-1205.	7.2	66
35	NHC-catalysed aerobic aldehyde-esterifications with alcohols: no additives or cocatalysts required. Chemical Communications, 2013, 49, 6510.	2.2	64
36	Tunable Bromomagnesium Thiolate Tishchenko Reaction Catalysts: Intermolecular Aldehydeâ€"Trifluoromethylketone Coupling. Angewandte Chemie - International Edition, 2010, 49, 3045-3048.	7.2	63

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37	Highly recyclable, imidazolium derived ionic liquids of low antimicrobial and antifungal toxicity: A new strategy for acid catalysis. Green Chemistry, 2010, 12, 1157.	4.6	63
38	A reductase-mimicking thiourea organocatalyst incorporating a covalently bound NADH analogue: efficient 1,2-diketone reduction with in situ prosthetic group generation and recycling. Chemical Communications, 2007, , 1421.	2.2	59
39	A New Class of Urea-Substituted Cinchona Alkaloids Promote Highly Enantioselective Nitroaldol reactions of Trifluoromethylketones. Organic Letters, 2011, 13, 1298-1301.	2.4	59
40	The enantioselective benzoin condensation promoted by chiral triazolium precatalysts: stereochemical control via hydrogen bonding. Organic and Biomolecular Chemistry, 2009, 7, 3584.	1.5	58
41	Selenide Ions as Catalysts for Homo- and Crossed-Tishchenko Reactions of Expanded Scope. Organic Letters, 2012, 14, 1074-1077.	2.4	56
42	A Catalytic Asymmetric Reaction Involving Enolizable Anhydrides. Organic Letters, 2012, 14, 1850-1853.	2.4	56
43	Asymmetric acyl-transfer promoted by readily assembled chiral 4-N,N-dialkylaminopyridine derivatives. Organic and Biomolecular Chemistry, 2006, 4, 2785-2793.	1.5	55
44	Ring openingâ€“cross metathesis of unstrained cycloalkenes. Chemical Communications, 2001, , 1796-1797.	2.2	54
45	Unexpected catalysis: aprotic pyridinium ions as active and recyclable BrÃ¸nsted acid catalysts in protic media. Organic Letters, 2008, 10, 4935-4938.	2.4	50
46	Catalytic, enantio- and diastereoselective synthesis of Î³-butyrolactones incorporating quaternary stereocentres. Chemical Communications, 2012, 48, 6502.	2.2	50
47	Organocatalytic Asymmetric Additions to mesoâ€Anhydrides and Azlactones. ChemCatChem, 2012, 4, 151-168.	1.8	49
48	A new generation of aprotic yet BrÃ¸nsted acidic imidazolium salts: effect of ester/amide groups in the C-2, C-4 and C-5 on antimicrobial toxicity and biodegradation. Green Chemistry, 2013, 15, 2747.	4.6	49
49	The catalytic versatility of low toxicity dialkyltriazolium salts: in situ modification facilitates diametrically opposed catalysis modes in one pot. Chemical Communications, 2013, 49, 5316.	2.2	48
50	A new generation of aprotic yet BrÃ¸nsted acidic imidazolium salts: low toxicity, high recyclability and greatly improved activity. Green Chemistry, 2013, 15, 2740.	4.6	47
51	Urea derivatives are highly active catalysts for the base-mediated generation of terminal epoxides from aldehydes and trimethylsulfonium iodide. Organic and Biomolecular Chemistry, 2008, 6, 1339.	1.5	45
52	A novel C-5â€² substituted cinchona alkaloid-derived catalyst promotes additions of alkyl thiols to nitroolefins with excellent enantioselectivity. Chemical Communications, 2012, 48, 2849.	2.2	44
53	The Dynamic Kinetic Resolution of Azlactones with Thiol Nucleophiles Catalyzed by Arylated, Deoxygenated Cinchona Alkaloids. Journal of Organic Chemistry, 2012, 77, 2407-2414.	1.7	40
54	Highly tunable arylated cinchona alkaloids as bifunctional catalysts. Chemical Communications, 2012, 48, 1443.	2.2	40

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55	Ein selbstgenerierender, hochaktiver und wiederverwendbarer Katalysator fÃ¼r die Olefinmetathese. Angewandte Chemie, 2002, 114, 3989-3993.	1.6	39
56	The Thiolateâ€Catalyzed Intermolecular Crossed Tishchenko Reaction: Highly Chemoselective Coupling of Two Different Aromatic Aldehydes. Angewandte Chemie - International Edition, 2012, 51, 10866-10870.	7.2	38
57	The first catalytic asymmetric cycloadditions of imines with an enolisable anhydride. Organic and Biomolecular Chemistry, 2016, 14, 6955-6959.	1.5	34
58	Catalytic (Asymmetric) Methylene Transfer to Aldehydes. Organic Letters, 2010, 12, 608-611.	2.4	32
59	Catalytic formal cycloadditions between anhydrides and ketones: excellent enantio and diastereocontrol, controllable decarboxylation and the formation of adjacent quaternary stereocentres. Organic and Biomolecular Chemistry, 2016, 14, 3040-3046.	1.5	30
60	Substituted 3,4-pyridynes: clean cycloadditions. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1245-1249.	1.3	28
61	Highlights in Organic Chemistry (Catalytic Asymmetric Acyl-transfer Mediated by Chiral Pyridine) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	27
62	Microwave-assisted efficient thiolate-catalysed homo- and crossed intermolecular Tishchenko reactions. New Journal of Chemistry, 2011, 35, 551.	1.4	27
63	A DFT mechanistic study of the organocatalytic asymmetric reaction of aldehydes and homophthalic anhydride. Chemical Communications, 2017, 53, 8874-8877.	2.2	27
64	The Design of Novel, Synthetically Useful (Thio)urea-Based Organocatalysts. Synlett, 2009, 2009, 0354-0376.	1.0	26
65	Câ€5â€²â€Substituted Cinchona Alkaloid Derivatives Catalyse the First Highly Enantioselective Dynamic Kinetic Resolutions of Azlactones by Thiolysis. European Journal of Organic Chemistry, 2013, 2013, 5398-5413.	1.2	26
66	Catalytic asymmetric Tamura cycloadditions involving nitroalkenes. Organic and Biomolecular Chemistry, 2017, 15, 1463-1474.	1.5	25
67	Highly enantioselective ylide-mediated synthesis of terminal epoxides. Chemical Communications, 2012, 48, 7814.	2.2	24
68	A Practical Aryl Unit for Azlactone Dynamic Kinetic Resolution: Orthogonally Protected Products and A Ligationâ€Inspired Coupling Process. Angewandte Chemie - International Edition, 2015, 54, 813-817.	7.2	24
69	Concise synthesis and CDK/GSK inhibitory activity of the missing 9-azapaullones. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4940-4944.	1.0	23
70	Enantioselective acyl-transfer catalysis by fluoride ions. Chemical Communications, 2018, 54, 10108-10111.	2.2	23
71	Direct, efficient NHC-catalysed aldehyde oxidative amidation: in situ formed benzils as unconventional acylating agents. Chemical Communications, 2017, 53, 10212-10215.	2.2	22
72	Enantioselective Alkylation of 2â€Oxindoles Catalyzed by a Bifunctional Phaseâ€Transfer Catalyst: Synthesis of (â^')â€Debromoflustramineâ€…B. Chemistry - A European Journal, 2018, 24, 4528-4531.	1.7	21

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73	Dynamic kinetic resolution of bis-aryl succinic anhydrides: enantioselective synthesis of densely functionalised Î³-butyrolactones. Chemical Communications, 2018, 54, 3231-3234.	2.2	21
74	In vivomodification of tRNA with an artificial nucleobase leads to full disease remission in an animal model of multiple sclerosis. Nucleic Acids Research, 2017, 45, gkw847.	6.5	20
75	Enantioselective Alkylative Kinetic Resolution of 2-Oxindole-Derived Enolates Promoted by Bifunctional Phase Transfer Catalysts. Organic Letters, 2016, 18, 5204-5207.	2.4	20
76	The asymmetric synthesis of terminal aziridines by methylene transfer from sulfonium ylides to imines. Organic and Biomolecular Chemistry, 2013, 11, 3535.	1.5	18
77	Dielsâ€“Alder cycloadditions of stabilised 2,3-pyridynes. Tetrahedron Letters, 2001, 42, 735-737.	0.7	16
78	Highly chemoselective intermolecular cross-benzoin reactions using an ad hoc designed novel N-heterocyclic carbene catalyst. Organic and Biomolecular Chemistry, 2018, 16, 780-786.	1.5	15
79	Catalytic Asymmetric Î³â€Lactam Synthesis from Enolisable Anhydrides and Imines. Chemistry - A European Journal, 2019, 25, 7275-7279.	1.7	15
80	Enantioselective N-heterocyclic carbene-catalysed intermolecular crossed benzoin condensations: improved catalyst design and the role of in situ racemisation. Organic and Biomolecular Chemistry, 2021, 19, 248-258.	1.5	14
81	Catalytic Asymmetric Cycloadditions between Aldehydes and Enolizable Anhydrides: cis-Selective Dihydroisocoumarin Formation. Journal of Organic Chemistry, 2018, 83, 15499-15511.	1.7	13
82	Highly Enantioâ€•and Diastereoselective Catalytic Asymmetric Tamura Cycloaddition Reactions. Chemistry - A European Journal, 2019, 25, 7270-7274.	1.7	12
83	Tandem ionic liquid antimicrobial toxicity and asymmetric catalysis study: carbonyl-ene reactions with trifluoropyruvate. Green Chemistry, 2013, 15, 2727.	4.6	11
84	(S)-Proline-Derived Catalysts for the Acylative Kinetic Resolution of Alcohols: A Remote Structural Change Allows a Complete Selectivity Switch. Synlett, 2013, 24, 1728-1734.	1.0	11
85	Divergent Synthesis of Î³â€Amino Acid and Î³â€Lactam Derivatives from mesoâ€Glutaric Anhydrides. Chemistry - A European Journal, 2020, 26, 13378-13382.	1.7	11
86	Urea-catalyzed transthioesterification: towards a new kinetic resolution methodology. Arkivoc, 2011, 2011, 115-126.	0.3	11
87	Highly Enantioselective Catalytic Kinetic Resolution of Î±â€Branched Aldehydes through Formal Cycloaddition with Homophthalic Anhydrides. Chemistry - A European Journal, 2019, 25, 10074-10079.	1.7	10
88	The base-catalysed Tamura cycloaddition reaction: calculation, mechanism, isolation of intermediates and asymmetric catalysis. Chemical Communications, 2019, 55, 11283-11286.	2.2	9
89	Organocatalytic Aerobic Oxidative Cleavage of Cyclic 1,2-Diketones. Synlett, 2013, 24, 1225-1228.	1.0	8
90	The eukaryotic tRNA-guanine transglycosylase enzyme inserts queuine into tRNAviaa sequential biâ€“bi mechanism. Chemical Communications, 2020, 56, 3915-3918.	2.2	8

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91	The human tRNA-guanine transglycosylase displays promiscuous nucleobase preference but strict tRNA specificity. Nucleic Acids Research, 2021, 49, 4877-4890.	6.5	8
92	Chemoselective Crossed Acyloin Condensations: Catalyst and Substrate Control. Synthesis, 2011, 2011, 190-198.	1.2	7
93	Synthesis of Î±-alkylated Î³-butyrolactones with concomitant anhydride kinetic resolution using a sulfamide-based catalyst. Organic and Biomolecular Chemistry, 2018, 16, 7574-7578.	1.5	7
94	Preparation of Lactams from Cyclic Anhydrides via Nâ€Carboxyanhydride Intermediates. European Journal of Organic Chemistry, 2021, 2021, 5540-5544.	1.2	6
95	Olefin Metathesis Reactions. , 2005, , 169-180.		5
96	N-Alkyl salts derived from ephedrine do not promote enantioselective Coreyâ€“Chaykovsky reactions involving sulfonium methylides under phase-transfer conditions. Tetrahedron: Asymmetry, 2008, 19, 1414-1417.	1.8	5
97	An Organocatalytic Process for the Hydrolytic Cleavage of Dithianes Mediated by Imidazolium Ions: No Harsh Agents Required. European Journal of Organic Chemistry, 2015, 2015, 188-194.	1.2	5
98	The Steglich Rearrangement of 2â€Oxindole Derivatives Promoted by Anionâ€based Nucleophilic Catalysis. ChemCatChem, 2019, 11, 3776-3780.	1.8	5
99	Base-free enantioselective S_N2 alkylation of 2-oxindoles via bifunctional phase-transfer catalysis. Beilstein Journal of Organic Chemistry, 2021, 17, 2287-2294.	1.3	5
100	The kinetic resolution of oxazinones by alcoholysis: access to orthogonally protected Î²-amino acids. Organic and Biomolecular Chemistry, 2021, 19, 7348-7352.	1.5	3
101	Pyridinium Ion Catalysis of Carbonyl Protection Reactions. Synthesis, 2009, 2009, 4082-4086.	1.2	1
102	Highly chemoselective, sterically sensitive NHC-catalysed amine acylation with pyridil. Chemical Communications, 2019, 55, 13526-13529.	2.2	1
103	C 2 â€Symmetric Cinchona Alkaloid Derivatives: Versatile Catalysts for the Enantioselective Câ^'C Bond Forming Conjugate Addition of Nucleophiles to Simple Î±,Î²â€Unsaturated Acyl Pyrazoles. ChemistrySelect, 2020, 5, 15190-15194.	0.7	1
104	De-novo designed Î²-lysine derivatives can both augment and diminish the proliferation rates of E. coli through the action of Elongation Factor P. Bioorganic and Medicinal Chemistry Letters, 2022, 59, 128545.	1.0	1
105	Recent Developments in Olefin Cross-Metathesis. ChemInform, 2003, 34, no.	0.1	0
106	Ruthenium Olefin Metathesis Catalysts with Modified Styrene Ethers: Influence of Steric and Electronic Effects.. ChemInform, 2003, 34, no.	0.1	0
107	Acceleration of the DABCO-Promoted Baylisâ€"Hillman Reaction Using a Recoverable H-Bonding Organocatalyst.. ChemInform, 2004, 35, no.	0.1	0
108	Acrylamide in the Baylis?Hillman Reaction: Expanded Reaction Scope and the Unexpected Superiority of DABCO over More Basic Tertiary Amine Catalysts.. ChemInform, 2005, 36, no.	0.1	0

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109	Novel Amine-Catalyzed Hydroalkoxylation Reactions of Activated Alkenes and Alkynes.. ChemInform, 2005, 36, no.	0.1	0
110	Kinetic Resolution of sec-Alcohols Using a New Class of Readily Assembled (S)-Proline-Derived 4-(Pyrrolidino)-pyridine Analogues.. ChemInform, 2005, 36, no.	0.1	0
111	Urea- and Thiourea-Substituted Cinchona Alkaloid Derivatives as Highly Efficient Bifunctional Organocatalysts for the Asymmetric Addition of Malonate to Nitroalkenes: Inversion of Configuration at C-9 Dramatically Improves Catalyst Performance.. ChemInform, 2006, 37, no.	0.1	0
112	Mechanistic Insights into the Organocatalytic Kinetic Resolution of Oxazinones via Alcoholysis. European Journal of Organic Chemistry, 2022, 2022, e202100818.	1.2	0