Martin Wills

List of Publications by Year
in descending order

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198 papers	9,560 citations	41344 49 h-index	45317 90 g-index
250 all docs	250 docs citations	250 times ranked	5877 citing authors

#	Article	IF	Citations
1	Asymmetric transfer hydrogenation of heterocycle-containing acetophenone derivatives using N-functionalised [(benzene)Ru(II)(TsDPEN)] complexes. Tetrahedron, 2022, 103, 132562.	1.9	4
2	Asymmetric transfer hydrogenation of boronic acid pinacol ester (Bpin)-containing acetophenones. Organic and Biomolecular Chemistry, 2022, , .	2.8	1
3	Asymmetric transfer hydrogenation of unsaturated ketones; factors influencing 1,4- vs 1,2- regio- and enantioselectivity, and alkene vs alkyne directing effects. Tetrahedron, 2021, 77, 131771.	1.9	4
4	Enantioselective Synthesis of Bicyclopentane-Containing Alcohols via Asymmetric Transfer Hydrogenation. Organic Letters, 2021, 23, 3179-3183.	4.6	15
5	Enantioselectivity in the Noyoriâ€“Ikariya Asymmetric Transfer Hydrogenation of Ketones. Organometallics, 2021, 40, 1402-1410.	2.3	24
6	Exploring the Blueprint of Photoprotection in Mycosporine-like Amino Acids. Journal of Physical Chemistry Letters, 2021, 12, 3641-3646.	4.6	13
7	Asymmetric Transfer Hydrogenation of Aryl Heteroaryl Ketones using Noyoriâ€Ikariya Catalysts. ChemCatChem, 2021, 13, 4384-4391.	3.7	8
8	Asymmetric Transfer Hydrogenation of Î±-Keto Amides; Highly Enantioselective Formation of Malic Acid Diamides and Î±-Hydroxyamides. Organic Letters, 2021, 23, 7803-7807.	4.6	3
9	Readily accessible sp3-rich cyclic hydrazine frameworks exploiting nitrogen fluxionality. Chemical Science, 2020, 11, 1636-1642.	7.4	11
10	Asymmetric Transfer Hydrogenation: Dynamic Kinetic Resolution of Î±-Amino Ketones. Journal of Organic Chemistry, 2020, 85, 11309-11330.	3.2	18
11	Asymmetric Transfer Hydrogenation of Unhindered and Non-Electron-Rich 1-Aryl Dihydroisoquinolines with High Enantioselectivity. Organic Letters, 2020, 22, 6283-6287.	4.6	19
12	A diversity of recently reported methodology for asymmetric imine reduction. Organic Chemistry Frontiers, 2020, 7, 3312-3342.	4.5	44
13	Sulfone Group as a Versatile and Removable Directing Group for Asymmetric Transfer Hydrogenation of Ketones. Angewandte Chemie, 2020, 132, 14371-14375.	2.0	2
14	Sulfone Group as a Versatile and Removable Directing Group for Asymmetric Transfer Hydrogenation of Ketones. Angewandte Chemie - International Edition, 2020, 59, 14265-14269.	13.8	25
15	Asymmetric Transfer Hydrogenation of o-Hydroxyphenyl Ketones: Utilizing Directing Effects That Optimize the Asymmetric Synthesis of Challenging Alcohols. Organic Letters, 2020, 22, 3717-3721.	4.6	16
16	Probing the Effects of Heterocyclic Functionality in [(Benzene)Ru(TsDPENR)Cl] Catalysts for Asymmetric Transfer Hydrogenation. Organic Letters, 2019, 21, 7223-7227.	4.6	13
17	Asymmetric ruthenium tricarbonyl cyclopentadienone complexes; synthesis and application to asymmetric hydrogenation of ketones. Inorganica Chimica Acta, 2019, 496, 119043.	2.4	3
18	(S)-(â˜)-Fluorenylethylchloroformate (FLEC); preparation using asymmetric transfer hydrogenation and application to the analysis and resolution of amines. Tetrahedron, 2019, 75, 130591.	1.9	6

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19	Synthesis and Reactivity of a Bis-Strained Alkyne Derived from 1,1â€²-Biphenyl-2,2â€²,6,6â€²-tetrol. ACS Omega, 2019, 4, 2160-2167.	3.5	3
20	Applications of Nâ€²-monofunctionalised TsDPEN derivatives in asymmetric catalysis. Organic and Biomolecular Chemistry, 2019, 17, 1301-1321.	2.8	10
21	A strained alkyne-containing bipyridine reagent; synthesis, reactivity and fluorescence properties. RSC Advances, 2019, 9, 36154-36161.	3.6	3
22	Transfer Hydrogenation and Antiproliferative Activity of Tethered Half-Sandwich Organoruthenium Catalysts. Organometallics, 2018, 37, 1555-1566.	2.3	49
23	An alternative route to tethered Ru(II) transfer hydrogenation catalysts. Tetrahedron Letters, 2018, 59, 930-933.	1.4	7
24	Combining Electronic and Steric Effects To Generate Hindered Propargylic Alcohols in High Enantiomeric Excess. Organic Letters, 2018, 20, 975-978.	4.6	30
25	Ruthenium-Catalyzed Asymmetric Reduction of Isoxazolium Salts: Access to Optically Active Î”⁴-Isoxazolines. Journal of Organic Chemistry, 2018, 83, 2980-2985.	3.2	13
26	Synthesis of Enantiomerically Pure and Racemic Benzyl-Tethered Ru(II)/TsDPEN Complexes by Direct Arene Substitution: Further Complexes and Applications. Organometallics, 2018, 37, 48-64.	2.3	22
27	Asymmetric transfer hydrogenation by synthetic catalysts in cancer cells. Nature Chemistry, 2018, 10, 347-354.	13.6	173
28	Synthesis and applications to catalysis of novel cyclopentadienone iron tricarbonyl complexes. Dalton Transactions, 2018, 47, 1451-1470.	3.3	25
29	Exploitation of differential electronic densities for the stereoselective reduction of ketones bearing a masked amino surrogate. Journal of Catalysis, 2018, 361, 40-44.	6.2	7
30	Synthesis and cycloaddition reactions of strained alkynes derived from 2,2â€²-dihydroxy-1,1â€²-biaryls. Organic and Biomolecular Chemistry, 2018, 16, 8965-8975.	2.8	7
31	Unravelling the Photoprotection Properties of Mycosporine Amino Acid Motifs. Journal of Physical Chemistry Letters, 2018, 9, 3043-3048.	4.6	34
32	Asymmetric transfer hydrogenation of acetophenone derivatives usingÂ2-benzyl-tethered ruthenium (II)/TsDPEN complexes bearing Î·6-(p-OR) (RÂ= H, iPr, Bn, Ph) ligands. Journal of Organometallic Chemistry, 2018, 875, 72-79.	1.8	12
33	Asymmetric Transfer Hydrogenation of 1,3-Alkoxy/Aryloxy Propanones Using Tethered Arene/Ru(II)/TsDPEN Complexes. Organic Letters, 2017, 19, 2789-2792.	4.6	25
34	Strained alkynes derived from 2,2â€²-dihydroxy-1,1â€²-biaryls; synthesis and copper-free cycloaddition with azides. Organic and Biomolecular Chemistry, 2017, 15, 4517-4521.	2.8	12
35	Use of (Cyclopentadienone)iron Tricarbonyl Complexes for Câ€“N Bond Formation Reactions between Amines and Alcohols. Journal of Organic Chemistry, 2017, 82, 10489-10503.	3.2	74
36	The contrasting catalytic efficiency and cancer cell antiproliferative activity of stereoselective organoruthenium transfer hydrogenation catalysts. Dalton Transactions, 2016, 45, 8367-8378.	3.3	31

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37	The Development of Phosphineâ€Free "Tethered" Ruthenium(II) Catalysts for the Asymmetric Reduction of Ketones and Imines. Chemical Record, 2016, 16, 2623-2643.	5.8	108
38	Iron cyclopentadienone complexes derived from C₂-symmetric bis-propargylic alcohols; preparation and applications to catalysis. Dalton Transactions, 2016, 45, 3992-4005.	3.3	46
39	Imino Transfer Hydrogenation Reductions. Topics in Current Chemistry, 2016, 374, 14.	5.8	32
40	Practical Access to Planar Chiral 1,2â€(Î±â€Ketotetramethylene)â€•ferrocene by Nonâ€Enzymatic Kinetic Resolution and Conclusive Confirmation of its Absolute Configuration. Advanced Synthesis and Catalysis, 2015, 357, 3453-3457.	4.3	19
41	Câ€“N Bond Formation between Alcohols and Amines Using an Iron Cyclopentadienone Catalyst. Organic Letters, 2015, 17, 1086-1089.	4.6	178
42	Tethered Ru(II) catalysts containing a Ruâ€“I bond. Journal of Organometallic Chemistry, 2015, 776, 157-162.	1.8	9
43	Asymmetric Reduction of Electron-Rich Ketones with Tethered Ru(II)/TsDPEN Catalysts Using Formic Acid/Triethylamine or Aqueous Sodium Formate. Journal of Organic Chemistry, 2015, 80, 6784-6793.	3.2	51
44	Easy To Synthesize, Robust Organoâ€osmium Asymmetric Transfer Hydrogenation Catalysts. Chemistry - A European Journal, 2015, 21, 8043-8046.	3.3	39
45	N-Functionalised TsDPEN catalysts for asymmetric transfer hydrogenation; synthesis and applications. Tetrahedron Letters, 2015, 56, 6397-6401.	1.4	9
46	Asymmetric Reduction of Diynones and the Total Synthesis of (S)-Panaxjapyne A. Organic Letters, 2014, 16, 374-377.	4.6	47
47	Synthesis and Catalytic Applications of an Extended Range of Tethered Ruthenium(II)/Î·⁶-Arene/Diamine Complexes. Organometallics, 2014, 33, 5517-5524.	2.3	44
48	Synthesis and reduction reactions of pyridones and 5-acyl-2-methoxypyridines. Tetrahedron, 2014, 70, 7207-7220.	1.9	3
49	Use of triazole-ring formation to attach a Ru/TsDPEN complex for asymmetric transfer hydrogenation to a soluble polymer. Tetrahedron: Asymmetry, 2013, 24, 844-852.	1.8	17
50	Asymmetric Transfer Hydrogenation of Functionalized Acetylenic Ketones. Journal of Organic Chemistry, 2013, 78, 8594-8605.	3.2	55
51	Dissociation and hierarchical assembly of chiral esters on metallic surfaces. Chemical Communications, 2013, 49, 6477.	4.1	4
52	Asymmetric reduction of 2,2-dimethyl-6-(2-oxoalkyl/oxoaryl)-1,3-dioxin-4-ones and application to the synthesis of (+)-yashabushitriol. Tetrahedron Letters, 2013, 54, 6834-6837.	1.4	26
53	Mirrorâ€Image Organometallic Osmium Arene Iminopyridine Halido Complexes Exhibit Similar Potent Anticancer Activity. Chemistry - A European Journal, 2013, 19, 15199-15209.	3.3	40
54	Direct Formation of Tethered Ru(II) Catalysts Using Arene Exchange. Organic Letters, 2013, 15, 5110-5113.	4.6	58

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55	Use of tridentate TsDPEN/pyridine ligands in ruthenium-catalysed asymmetric reduction of ketones. Tetrahedron Letters, 2013, 54, 4250-4253.	1.4	12
56	Structure and Mechanism of Acetolactate Decarboxylase. ACS Chemical Biology, 2013, 8, 2339-2344.	3.4	26
57	Developing asymmetric iron and ruthenium-based cyclone complexes; complex factors influence the asymmetric induction in the transfer hydrogenation of ketones. Organic and Biomolecular Chemistry, 2012, 10, 134-145.	2.8	82
58	Application of Ruthenium Complexes of Triazole-Containing Tridentate Ligands to Asymmetric Transfer Hydrogenation of Ketones. Organic Letters, 2012, 14, 5230-5233.	4.6	101
59	Application of Tethered Ruthenium Catalysts to Asymmetric Hydrogenation of Ketones, and the Selective Hydrogenation of Aldehydes. Advanced Synthesis and Catalysis, 2012, 354, 2545-2555.	4.3	73
60	Synthesis and asymmetric hydrogenation of (3E)-1-benzyl-3-[(2-oxopyridin-1(2H)-yl)methylidene]piperidine-2,6-dione. Chemical Communications, 2012, 48, 11978.	4.1	9
61	Asymmetric catalysis using iron complexes â€“ â€˜Ruthenium Liteâ€™?. Catalysis Science and Technology, 2012, 2, 243-255.	4.1	172
62	Ether-tethered Ru(ii)/TsDPEN complexes; synthesis and applications to asymmetric transfer hydrogenation. Catalysis Science and Technology, 2012, 2, 406-414.	4.1	79
63	Structural insights into the mechanism of acetolactate decarboxylase. FASEB Journal, 2012, 26, 756.8.	0.5	0
64	(Cyclopentadienone)iron Shvo Complexes: Synthesis and Applications to Hydrogen Transfer Reactions. Organometallics, 2011, 30, 1859-1868.	2.3	81
65	An Unexpected Directing Effect in the Asymmetric Transfer Hydrogenation of Î±,Î±-Disubstituted Ketones. Organic Letters, 2011, 13, 4304-4307.	4.6	77
66	The importance of the Nâ€“H bond in Ru/TsDPEN complexes for asymmetric transfer hydrogenation of ketones and imines. Organic and Biomolecular Chemistry, 2011, 9, 3290.	2.8	80
67	Application of Prolineâ€Functionalised 1,2â€Diphenylethaneâ€1,2â€diamine (DPEN) in Asymmetric Transfer Hydrogenation of Ketones. European Journal of Organic Chemistry, 2011, 2011, 6893-6901.	2.4	18
68	Hydrogen generation from formic acid and alcohols using homogeneous catalysts. Chemical Society Reviews, 2010, 39, 81-88.	38.1	613
69	Gold-catalysed cyclic ether formation from diols. Tetrahedron, 2010, 66, 9828-9834.	1.9	22
70	Applications of Nâ€²-alkylated derivatives of TsDPEN in the asymmetric transfer hydrogenation of CO and CN bonds. Tetrahedron: Asymmetry, 2010, 21, 2258-2264.	1.8	48
71	Asymmetric organocatalysis of the addition of acetone to 2-nitrostyrene using N-diphenylphosphinyl-1,2-diphenylethane-1,2-diamine (PODPEN). Tetrahedron Letters, 2010, 51, 209-212.	1.4	34
72	A Continuousâ€Flow Method for the Generation of Hydrogen from Formic Acid. ChemSusChem, 2010, 3, 431-434.	6.8	73

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73	Asymmetric transfer hydrogenation of quinolines using tethered Ru(II) catalysts. Tetrahedron: Asymmetry, 2010, 21, 1549-1556.	1.8	69
74	Synthesis and use of a stable aminal derived from TsDPEN in asymmetric organocatalysis. Tetrahedron Letters, 2010, 51, 4214-4217.	1.4	14
75	Inhibition of prolyl oligopeptidase with a synthetic unnatural dipeptide. Bioorganic and Medicinal Chemistry, 2010, 18, 4775-4782.	3.0	10
76	Kinetic and structural studies on â€˜tetheredâ€™ Ru(ii) arene ketone reduction catalysts. Dalton Transactions, 2010, 39, 1395-1402.	3.3	56
77	Ir(III) complexes of diamine ligands for asymmetric ketone hydrogenation. Tetrahedron, 2009, 65, 5782-5786.	1.9	40
78	Asymmetric hydrogenation of ketones using Ir(III) complexes of N-alkyl-Nâ€™-tosyl-1,2-ethanediamine ligands. Tetrahedron Letters, 2009, 50, 688-692.	1.4	36
79	Ru(II) Complexes of N-Alkylated TsDPEN Ligands in Asymmetric Transfer Hydrogenation of Ketones and Imines. Organic Letters, 2009, 11, 847-850.	4.6	154
80	Insights into Hydrogen Generation from Formic Acid Using Ruthenium Complexes. Organometallics, 2009, 28, 4133-4140.	2.3	125
81	Asymmetric Catalysis Using Air: Clean Kinetic Resolution of Secondary Alcohols. Angewandte Chemie - International Edition, 2008, 47, 4264-4267.	13.8	55
82	Further â€˜tetheredâ€™ Ru(II) catalysts for asymmetric transfer hydrogenation (ATH) of ketones; the use of a benzylic linker and a cyclohexyldiamine ligand. Journal of Organometallic Chemistry, 2008, 693, 3527-3532.	1.8	46
83	Synthesis of a series of novel N,N-dialkyl-TsDPEN ligands and their application to enantioselective addition of dialkylzinc to benzaldehyde. Tetrahedron: Asymmetry, 2008, 19, 1250-1255.	1.8	29
84	Asymmetric Transfer Hydrogenation of Cï£¾O and Cï£¾N Bonds by Tethered Rh^{III} Catalysts. Chemistry - an Asian Journal, 2008, 3, 1374-1383.	3.3	75
85	Asymmetric Opening of the Epoxide Ring in Cyclohexene Oxide by Thiophenol Using Homochiral Phosphinamide Catalysts. Journal of Chemical Research, 2007, 2007, 1-4.	1.3	1
86	The use of a [4 + 2] cycloaddition reaction for the preparation of a series of â€˜tetheredâ€™ Ru(ii)â€“diamine and aminoalcohol complexes. Organic and Biomolecular Chemistry, 2007, 5, 1093-1103.	2.8	34
87	An Investigation into the Tether Length and Substitution Pattern of Arene-Substituted Complexes for Asymmetric Transfer Hydrogenation of Ketones. Organic Letters, 2007, 9, 4659-4662.	4.6	122
88	â€œEther-Linkedâ€•Organometallic Catalysts for Ketone Reduction Reactions. Organometallics, 2007, 26, 5346-5351.	2.3	16
89	An optimised synthetic approach to a chiral derivatising agent and the utilisation of a dimerisation reaction in the synthesis of a novel C2-symmetric diphosphine ligand. Tetrahedron: Asymmetry, 2007, 18, 664-670.	1.8	4
90	Modification of ligand properties of phosphine ligands for Câ€“C and Câ€“N bond-forming reactions. Tetrahedron Letters, 2007, 48, 949-953.	1.4	12

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91	The â€œReverse-Tetheredâ€•Ruthenium (II) Catalyst for Asymmetric Transfer Hydrogenation:Â Further Applications. Journal of Organic Chemistry, 2006, 71, 7035-7044.	3.2	160
92	An outstanding catalyst for asymmetric transfer hydrogenation in aqueous solution and formic acid/triethylamine. Chemical Communications, 2006, , 3232.	4.1	130
93	Asymmetric transfer hydrogenation of Î±,Î²-unsaturated, Î±-tosyloxy and Î±-substituted ketones. Tetrahedron, 2006, 62, 1864-1876.	1.9	97
94	Ru(II) complexes of cyclohexane diamine and monodentate phosphorus ligands for asymmetric ketone hydrogenation. Tetrahedron: Asymmetry, 2006, 17, 2925-2929.	1.8	18
95	Ruthenium(II) Complexes of Monodonor Ligands: Efficient Reagents for Asymmetric Ketone Hydrogenation.. ChemInform, 2006, 37, no.	0.0	0
96	One-Pot Formation of Nitrogen-Containing Heterocyclic Ring Systems Using a Deprotectionâ€”Cyclizationâ€”Asymmetric Reduction Sequence.. ChemInform, 2006, 37, no.	0.0	0
97	CHEMISTRY: Better Asymmetric Reactions. Science, 2006, 311, 619-620.	12.6	9
98	Asymmetric transfer hydrogenation using amino acid derivatives; further studies and a mechanistic proposal. Tetrahedron, 2005, 61, 7994-8004.	1.9	44
99	Asymmetric Hydrogenation of Ketones Using a Ruthenium(II) Catalyst Containing BINOL-Derived Monodonor Phosphorus-Donor Ligands.. ChemInform, 2005, 36, no.	0.0	0
100	A Class of Ruthenium(II) Catalyst for Asymmetric Transfer Hydrogenations of Ketones. Journal of the American Chemical Society, 2005, 127, 7318-7319.	13.7	262
101	One-pot formation of nitrogen-containing heterocyclic ring systems using a deprotectionâ€“cyclisationâ€“asymmetric reduction sequence. Chemical Communications, 2005, , 4735.	4.1	36
102	A Stereochemically Well-Defined Rhodium(III) Catalyst for Asymmetric Transfer Hydrogenation of Ketones. Organic Letters, 2005, 7, 5489-5491.	4.6	162
103	â€œTetheredâ€•Ru(II) Catalysts for Asymmetric Transfer Hydrogenation of Ketones. Journal of Organic Chemistry, 2005, 70, 3188-3197.	3.2	86
104	Ruthenium(II) Complexes of Monodonor Ligands:Â Efficient Reagents for Asymmetric Ketone Hydrogenation. Journal of Organic Chemistry, 2005, 70, 8079-8087.	3.2	46
105	Stereoselective Hydroformylation, Carbonylation and Carboxylation Reactions. , 2005, , 225-250.		0
106	Bis(diazaphospholidine) ligands for asymmetric hydroformylation: use of ESPHOS and derivatives based on ferrocene and diarylether backbones. Tetrahedron: Asymmetry, 2004, 15, 1787-1792.	1.8	38
107	A One-Pot Process for the Enantioselective Synthesis of Amines via Reductive Amination under Transfer Hydrogenation Conditions.. ChemInform, 2004, 35, no.	0.0	0
108	A New Class of Rh(III) Catalyst Containing an Aminoalcohol Tethered to a Tetramethylcyclopentadienyl Group for Asymmetric Transfer Hydrogenation of Ketones.. ChemInform, 2004, 35, no.	0.0	0

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109	Unexpected Formation of a Borated P-Azulene (IV) via the Reaction of a Borated Diazaphospholine (II) with Phenyllithium.. ChemInform, 2004, 35, no.	0.0	0
110	A New Class of â€œTetheredâ€•Ruthenium(II) Catalyst for Asymmetric Transfer Hydrogenation Reactions.. ChemInform, 2004, 35, no.	0.0	0
111	Bis(diazaphospholidine) Ligands for Asymmetric Hydroformylation: Use of ESPHOS and Derivatives Based on Ferrocene and Diarylether Backbones.. ChemInform, 2004, 35, no.	0.0	0
112	The Importance of 1,2-anti-Disubstitution in Monotosylated Diamine Ligands for Ruthenium(II)-Catalyzed Asymmetric Transfer Hydrogenation.. ChemInform, 2004, 35, no.	0.0	0
113	A Soluble-Polymer System for the Asymmetric Transfer Hydrogenation of Ketones.. ChemInform, 2004, 35, no.	0.0	0
114	The importance of 1,2-anti-disubstitution in monotosylated diamine ligands for ruthenium(II)-catalysed asymmetric transfer hydrogenation. Tetrahedron: Asymmetry, 2004, 15, 2079-2084.	1.8	34
115	A new class of Rh(III) catalyst containing an aminoalcohol tethered to a tetramethylcyclopentadienyl group for asymmetric transfer hydrogenation of ketones. Tetrahedron Letters, 2004, 45, 843-846.	1.4	24
116	A Soluble-Polymer System for the Asymmetric Transfer Hydrogenation of Ketones. Journal of Organic Chemistry, 2004, 69, 5405-5412.	3.2	29
117	Asymmetric Hydrogenation of Ketones Using a Ruthenium(II) Catalyst Containing BINOL-Derived Monodonor Phosphorus-Donor Ligands. Organic Letters, 2004, 6, 4105-4107.	4.6	66
118	A New Class of â€œTetheredâ€•Ruthenium(II) Catalyst for Asymmetric Transfer Hydrogenation Reactions. Journal of the American Chemical Society, 2004, 126, 986-987.	13.7	259
119	New Methodology for the Asymmetric Reduction of Ketones. ChemInform, 2003, 34, no.	0.0	0
120	Studies of Intramolecular Alkylidene Carbene Reactions: An Approach to Heterocyclic Nucleoside Bases.. ChemInform, 2003, 34, no.	0.0	0
121	Studies of intramolecular alkylidene carbene reactions; an approach to heterocyclic nucleoside bases. Tetrahedron, 2003, 59, 4739-4748.	1.9	14
122	Synthesis and preliminary studies on a novel class of soluble amino alcohol reagents based on methacrylate copolymers. Tetrahedron, 2003, 59, 5823-5830.	1.9	2
123	Synthesis and application to asymmetric allylic amination of substituted monodonor diazaphospholidine ligands. Tetrahedron, 2003, 59, 6473-6480.	1.9	29
124	A One-Pot Process for the Enantioselective Synthesis of Amines via Reductive Amination under Transfer Hydrogenation Conditions. Organic Letters, 2003, 5, 4227-4230.	4.6	137
125	Synthesis and hydrolysis studies of a peptide containing the reactive triad of serine proteases with an associated linker to a dye on a solid phase supportElectronic supplementary information (ESI) available: Description of preliminary qualitative hydrolysis studies using the materials prepared and described in the main paper. See http://www.rsc.org/suppdata/ob/b3/b302239k/. Organic and Biomolecular Chemistry, 2003, 1, 1486-1497.	2.8	8
126	Unexpected formation of a borated P-Azulene via the reaction of a borated diazaphospholidine with phenyllithium. Journal of Chemical Research, 2003, 2003, 728-729.	1.3	1

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127	Asymmetric Reduction of Cyclic Enones to Allylic Alcohols. Synlett, 2002, 2002, 0263-0266.	1.8	30
128	Asymmetric transfer hydrogenation of ketones using amino alcohol and monotosylated diamine derivatives of indane. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 416-427.	1.3	70
129	Synthesis of 2,5-dihydrofurans via alkylidene carbene insertion reactions. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 965-981.	1.3	21
130	Enantioselective catalysis using phosphorus-donor ligands containing two or three Pâ€“N or Pâ€“O bonds. Chemical Society Reviews, 2002, 31, 259-268.	38.1	182
131	Enantioselective synthesis of aziridines using asymmetric transfer hydrogenation as a precursor for chiral derivatives used as bonding agent for rocket solid propellants. Quimica Nova, 2002, 25, 921.	0.3	6
132	Dynamic kinetic resolutionâ€“asymmetric transfer hydrogenation of 1-aryl-substituted cyclic ketones. Tetrahedron: Asymmetry, 2002, 13, 2485-2490.	1.8	51
133	An efficient method for the synthesis of N,Nâ€²-dimethyl-1,2-diamines. Tetrahedron Letters, 2002, 43, 155-158.	1.4	26
134	New methodology for the asymmetric reduction of ketones. Current Opinion in Drug Discovery & Development, 2002, 5, 881-91.	1.9	3
135	Synthesis of dihydrobenzazaphosphole ligands via an intramolecular cyclisation reaction. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2588-2594.	1.3	10
136	Synthesis and applications to asymmetric catalysis of a series of mono- and bis(diazaphospholidine) ligands. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2840-2849.	1.3	44
137	Palladium-Catalyzed Tandem Reactions To Form 1-Vinyl-1H-isochromene Derivatives1. Journal of Organic Chemistry, 2001, 66, 3284-3290.	3.2	42
138	Influence of substitution pattern on intramolecular alkylidene carbene insertion reactions. Tetrahedron Letters, 2001, 42, 8689-8692.	1.4	3
139	Rhodium versus ruthenium: contrasting behaviour in the asymmetric transfer hydrogenation of Î±-substituted acetophenones. Tetrahedron: Asymmetry, 2001, 12, 1801-1806.	1.8	81
140	Modification and Inhibition of Vancomycin Group Antibiotics by Formaldehyde and Acetaldehyde. Chemistry - A European Journal, 2001, 7, 910-916.	3.3	45
141	Enantioselective synthesis of Î²-hydroxy amines and aziridines using asymmetric transfer hydrogenation of Î±-amino ketones. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1916-1928.	1.3	41
142	Rhodium-Mediated Asymmetric Hydroformylation with a Novel Bis(diazaphospholidine) Ligand. Angewandte Chemie - International Edition, 2000, 39, 4106-4108.	13.8	122
143	Rapid assembly and synthetic applications of a supported poly-Î±-amino acid containing phosphine groups. Tetrahedron Letters, 2000, 41, 8615-8619.	1.4	12
144	Enantioselective synthesis of Î²-hydroxy amines and aziridines using asymmetric transfer hydrogenation of Î±-amido ketones. Tetrahedron: Asymmetry, 2000, 11, 3257-3261.	1.8	38

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145	Chemistry and clinical biology of the bryostatins. Bioorganic and Medicinal Chemistry, 2000, 8, 1841-1860.	3.0	178
146	Recent Developments in the Area of Asymmetric Transfer Hydrogenation. Molecules, 2000, 5, 4-18.	3.8	45
147	The detection of intermediates in the ruthenium(ii) catalysed asymmetric hydrogenation of ketones using electrospray ionisation mass spectrometry. Chemical Communications, 2000, , 99-100.	4.1	41
148	Direct formation of 1-vinyl-1H-isochromene derivatives via a palladium-catalysed coupling reaction. Chemical Communications, 2000, , 1675-1676.	4.1	15
149	Asymmetric Transfer Hydrogenation of Î±-Amino and Î±-Alkoxy Substituted Ketones. Synlett, 1999, 1999, 1615-1617.	1.8	48
150	Applications of Non-Organometallic Phosphorus Reagents in Enantioselective Catalysis. Synlett, 1999, 1999, 377-388.	1.8	47
151	Novel catalysts for asymmetric reduction of carbonyl groups. Journal of Molecular Catalysis A, 1999, 146, 139-148.	4.8	46
152	Asymmetric transfer hydrogenation of C˜...O and C˜...N bonds. Tetrahedron: Asymmetry, 1999, 10, 2045-2061.	1.8	714
153	Synthesis and electrospray mass spectrometric studies on a chiral, non-racemic, phosphoramide receptor molecule. Tetrahedron: Asymmetry, 1999, 10, 3267-3271.	1.8	6
154	ESPHOS and SEMI-ESPHOS:Â A New Family of Mono- and Bidentate Diazaphospholidine Ligands for Asymmetric Catalysis. Journal of Organic Chemistry, 1999, 64, 9735-9738.	3.2	68
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