

Pher G Andersson

List of Publications by Year in descending order

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219
papers

12,576
citations

17429

63
h-index

32815

100
g-index

309
all docs

309
docs citations

309
times ranked

6502
citing authors

#	ARTICLE	IF	CITATIONS
1	Iridium-catalyzed enantioconvergent hydrogenation of trisubstituted olefins. <i>Nature Communications</i> , 2022, 13, 361.	5.8	13
2	Synthesis of Chiral Tetrahydro-3-benzazepine Motifs by Iridium-Catalyzed Asymmetric Hydrogenation of Cyclic Ene-carbamates. <i>Organic Letters</i> , 2022, 24, 1969-1973.	2.4	3
3	Stereoselective Iridium-N,P-Catalyzed Double Hydrogenation of Conjugated Enones to Saturated Alcohols. <i>Journal of the American Chemical Society</i> , 2022, 144, 8734-8740.	6.6	6
4	Kinetic resolution of racemic allylic alcohols <i>via</i> iridium-catalyzed asymmetric hydrogenation: scope, synthetic applications and insight into the origin of selectivity. <i>Chemical Science</i> , 2021, 12, 1937-1943.	3.7	13
5	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Conjugated Trisubstituted Enones. <i>Organic Letters</i> , 2021, 23, 242-246.	2.4	13
6	In vitro study for antifungal compounds from <i>Parinari curatellifolia</i> (Chrysobalanaceae) and <i>Terminalia sericea</i> (Combretaceae). <i>International Journal of Biological and Chemical Sciences</i> , 2021, 15, 367-378.	0.1	2
7	Site- and Enantioselective Iridium-Catalyzed Desymmetric Mono-Hydrogenation of 1,4-Dienes. <i>Angewandte Chemie</i> , 2021, 133, 19577-19583.	1.6	1
8	Site- and Enantioselective Iridium-Catalyzed Desymmetric Mono-Hydrogenation of 1,4-Dienes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19428-19434.	7.2	4
9	Asymmetric Full Saturation of Vinylarenes with Cooperative Homogeneous and Heterogeneous Rhodium Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 20377-20383.	6.6	19
10	Asymmetric hydrogenation of unfunctionalized olefins or with poorly coordinative groups. <i>Advances in Catalysis</i> , 2021, 68, 135-203.	0.1	3
11	Combined Theoretical and Experimental Studies Unravel Multiple Pathways to Convergent Asymmetric Hydrogenation of Enamides. <i>Journal of the American Chemical Society</i> , 2021, 143, 21594-21603.	6.6	15
12	Cationic NHC-Phosphine Iridium Complexes: Highly Active Catalysts for Base-Free Hydrogenation of Ketones. <i>Chemistry - A European Journal</i> , 2020, 26, 13311-13316.	1.7	10
13	Asymmetric synthesis of 1,2-fluorohydrin: iridium catalyzed hydrogenation of fluorinated allylic alcohol. <i>Chemical Science</i> , 2020, 11, 11189-11194.	3.7	12
14	Enantioconvergent and enantiodivergent catalytic hydrogenation of isomeric olefins. <i>Chemical Society Reviews</i> , 2020, 49, 2504-2522.	18.7	48
15	Stereodivergent Synthesis of Trisubstituted Enamides: Direct Access to Both Pure Geometrical Isomers. <i>Journal of Organic Chemistry</i> , 2019, 84, 13540-13548.	1.7	3
16	Tandem Peterson olefination and chemoselective asymmetric hydrogenation of β^2 -hydroxy silanes. <i>Chemical Science</i> , 2019, 10, 3649-3653.	3.7	14
17	Diastereo- and Enantioselective Synthesis of Structurally Diverse Succinate, Butyrolactone, and Trifluoromethyl Derivatives by Iridium-Catalyzed Hydrogenation of Tetrasubstituted Olefins. <i>ACS Catalysis</i> , 2019, 9, 6169-6176.	5.5	23
18	Asymmetric Synthesis of Alkyl Fluorides: Hydrogenation of Fluorinated Olefins. <i>Angewandte Chemie</i> , 2019, 131, 9383-9388.	1.6	5

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19	Asymmetric Synthesis of Alkyl Fluorides: Hydrogenation of Fluorinated Olefins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9282-9287.	7.2	28
20	Iridium-catalysed enantioselective formal deoxygenation of racemic alcohols via asymmetric hydrogenation. <i>Nature Catalysis</i> , 2019, 2, 1093-1100.	16.1	15
21	Transition-Metal-Catalyzed Regioselective Asymmetric Mono-Hydrogenation of Dienes and Polyenes. <i>Chemistry - A European Journal</i> , 2018, 24, 8022-8028.	1.7	11
22	Revisiting the Stereodetermining Step in Enantioselective Iridium-Catalyzed Imine Hydrogenation. <i>ACS Catalysis</i> , 2018, 8, 615-623.	5.5	38
23	Ir-Catalyzed Asymmetric and Regioselective Hydrogenation of Cyclic Allylsilanes and Generation of Quaternary Stereocenters via the Hosomi-Sakurai Allylation. <i>Chemistry - A European Journal</i> , 2018, 24, 1681-1685.	1.7	12
24	Diastereo- and Enantioselective Synthesis of Fluorine Motifs with Two Contiguous Stereogenic Centers. <i>Journal of the American Chemical Society</i> , 2018, 140, 13878-13883.	6.6	35
25	Asymmetric Total Synthesis of (âˆ”)Juvabione via Sequential Ir-Catalyzed Hydrogenations. <i>Organic Letters</i> , 2018, 20, 5676-5679.	2.4	12
26	Iridium-catalysed asymmetric hydrogenation of allylic alcohols via dynamic kinetic resolution. <i>Nature Catalysis</i> , 2018, 1, 438-443.	16.1	34
27	Bi(OTf) ₃ Enabled C-F Bond Cleavage in HFIP: Electrophilic Aromatic Formylation with Difluoro(phenylsulfanyl)methane. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1642-1647.	1.3	11
28	Frontispiece: Transition-Metal-Catalyzed Regioselective Asymmetric Mono-Hydrogenation of Dienes and Polyenes. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
29	Evolution and Prospects of the Asymmetric Hydrogenation of Unfunctionalized Olefins. <i>Journal of the American Chemical Society</i> , 2017, 139, 1346-1356.	6.6	154
30	Regioselective Iridium-Catalyzed Asymmetric Monohydrogenation of 1,4-Dienes. <i>Journal of the American Chemical Society</i> , 2017, 139, 14470-14475.	6.6	31
31	Ethnobotanical Survey and Toxicity Evaluation of Medicinal Plants used for Fungal Remedy in the Southern Highlands of Tanzania. <i>Journal of Intercultural Ethnopharmacology</i> , 2017, 6, 84.	0.9	11
32	Thiazole, Imidazole and Oxazoline Based N,P-Ligands for Palladium-Catalyzed Cycloisomerization of 1,6-Enynes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3427-3433.	1.2	4
33	Enantio- and Regioselective Ir-Catalyzed Hydrogenation of Di- and Trisubstituted Cycloalkenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 11930-11935.	6.6	50
34	Catalyst-solvent interactions in a dinuclear Ru-based water oxidation catalyst. <i>Dalton Transactions</i> , 2016, 45, 19024-19033.	1.6	9
35	Asymmetric Hydrogenation of Allylic Alcohols Using Ir-N,P-Complexes. <i>ACS Catalysis</i> , 2016, 6, 8342-8349.	5.5	34
36	Palladium-Catalyzed Oxidative Synthesis of Î±-Acetoxyated Enones from Alkynes. <i>Angewandte Chemie</i> , 2016, 128, 5918-5922.	1.6	3

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37	Palladium-Catalyzed Oxidative Synthesis of α -Acetoxyated Enones from Alkynes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5824-5828.	7.2	21
38	A ruthenium water oxidation catalyst based on a carboxamide ligand. <i>Dalton Transactions</i> , 2016, 45, 3272-3276.	1.6	21
39	Formal Total Synthesis of Aliskiren. <i>Chemistry - A European Journal</i> , 2015, 21, 7292-7296.	1.7	9
40	C-C Coupling of Ketones with Methanol Catalyzed by a N-Heterocyclic Carbene-Phosphine Iridium Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 3576-3579.	1.7	88
41	Experimental and Theoretical Mechanistic Investigation of the Iridium-Catalyzed Dehydrogenative Decarbonylation of Primary Alcohols. <i>Journal of the American Chemical Society</i> , 2015, 137, 834-842.	6.6	58
42	Extending the Substrate Scope of Bicyclic P-Oxazoline/Thiazole Ligands for Ir-Catalyzed Hydrogenation of Unfunctionalized Olefins by Introducing a Biaryl Phosphoramidite Group. <i>Chemistry - A European Journal</i> , 2015, 21, 3455-3464.	1.7	32
43	Catalytic Water Oxidation by a Molecular Ruthenium Complex: Unexpected Generation of a Single-Site Water Oxidation Catalyst. <i>Inorganic Chemistry</i> , 2015, 54, 4611-4620.	1.9	37
44	C-N Coupling of Amides with Alcohols Catalyzed by N-Heterocyclic Carbene-Phosphine Iridium Complexes. <i>Journal of Organic Chemistry</i> , 2015, 80, 11529-11537.	1.7	44
45	Asymmetric Hydrogenation of Olefins Using Chiral Crabtree-type Catalysts: Scope and Limitations. <i>Chemical Reviews</i> , 2014, 114, 2130-2169.	23.0	413
46	An Enantioselective Approach to the Preparation of Chiral Sulfoxides by Ir-Catalyzed Asymmetric Hydrogenation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16557-16562.	6.6	84
47	Iridium Catalysts with Chiral Bicyclic Pyridine-Phosphane Ligands for the Asymmetric Hydrogenation of Olefins. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 140-146.	1.2	10
48	Room temperature and solvent-free iridium-catalyzed selective alkylation of anilines with alcohols. <i>Chemical Communications</i> , 2013, 49, 6131.	2.2	113
49	Iridium catalysis: application of asymmetric reductive hydrogenation. <i>Dalton Transactions</i> , 2013, 42, 14345.	1.6	23
50	Catalytic asymmetric carbon-carbon bond forming reactions catalyzed by tetrahydroisoquinoline (TIQ) N,N-dioxide ligands. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 191-195.	1.8	15
51	Selective Metal-Catalyzed Transfer of H ₂ and CO from Polyols to Alkenes. <i>ChemSusChem</i> , 2013, 6, 426-429.	3.6	44
52	Iridium-Catalyzed Asymmetric Hydrogenation of Substituted Pyridines. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 1061-1065.	1.3	22
53	Simple Proline-Derived Phosphine-Thiazole Iridium Complexes for Asymmetric Hydrogenation of Trisubstituted Olefins. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 674-680.	1.3	8
54	Development of iridium-catalyzed asymmetric hydrogenation: New catalysts, new substrate scope. <i>Journal of Organometallic Chemistry</i> , 2012, 714, 3-11.	0.8	47

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55	Enantioselective Synthesis of Chiral Sulfones by Ir-Catalyzed Asymmetric Hydrogenation: A Facile Approach to the Preparation of Chiral Allylic and Homoallylic Compounds. <i>Journal of the American Chemical Society</i> , 2012, 134, 13592-13595.	6.6	96
56	Chiral Hetero- and Carbocyclic Compounds from the Asymmetric Hydrogenation of Cyclic Alkenes. <i>Chemistry - A European Journal</i> , 2012, 18, 6507-6513.	1.7	42
57	Highly Enantioselective Iridium-Catalyzed Hydrogenation of α,β -Unsaturated Esters. <i>Chemistry - A European Journal</i> , 2012, 18, 10609-10616.	1.7	74
58	Sequential Birch reaction and asymmetric Ir-catalyzed hydrogenation as a route to chiral building blocks. <i>Chemical Communications</i> , 2011, 47, 3989.	2.2	36
59	Ir-Catalyzed Functionalization of C-H Bonds. <i>Topics in Organometallic Chemistry</i> , 2011, , 139-167.	0.7	60
60	Phosphite-oxazole/imidazole ligands in asymmetric intermolecular Heck reaction. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 941-946.	1.5	42
61	Introduction and History. <i>Topics in Organometallic Chemistry</i> , 2011, , 1-10.	0.7	20
62	Iridium-Catalyzed Hydrogenation Using Phosphorus Ligands. <i>Topics in Organometallic Chemistry</i> , 2011, , 11-29.	0.7	17
63	Pyranoside Phosphite-Oxazoline Ligands for the Highly Versatile and Enantioselective Ir-Catalyzed Hydrogenation of Minimally Functionalized Olefins. A Combined Theoretical and Experimental Study. <i>Journal of the American Chemical Society</i> , 2011, 133, 13634-13645.	6.6	163
64	Highly Enantioselective Asymmetric Isomerization of Primary Allylic Alcohols with an Iridium-N,P Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 11143-11145.	1.7	61
65	Catalytic One-Pot Production of Small Organics from Polysaccharides. <i>Synthesis</i> , 2011, 2011, 1649-1677.	1.2	24
66	Birch Reaction Followed by Asymmetric Iridium-Catalysed Hydrogenation. <i>Synthesis</i> , 2011, 2011, 3796-3800.	1.2	3
67	Iridium-Catalyzed Hydrogen Transfer Reactions. <i>Topics in Organometallic Chemistry</i> , 2011, , 77-106.	0.7	66
68	Iridium-Catalyzed Allylic Substitution. <i>Topics in Organometallic Chemistry</i> , 2011, , 169-208.	0.7	209
69	Iridium-Catalyzed 1,3-Dipolar Cycloadditions. <i>Topics in Organometallic Chemistry</i> , 2011, , 209-229.	0.7	5
70	Formation of C-C Bonds via Iridium-Catalyzed Hydrogenation and Transfer Hydrogenation. <i>Topics in Organometallic Chemistry</i> , 2011, 34, 107-138.	0.7	131
71	Iridium-Catalyzed Asymmetric Hydrogenation of Olefins with Chiral N,P and C,N Ligands. <i>Topics in Organometallic Chemistry</i> , 2011, , 31-76.	0.7	64
72	Enantioselectivity in the Iridium-Catalyzed Hydrogenation of Unfunctionalized Olefins. <i>Organometallics</i> , 2010, 29, 6769-6781.	1.1	108

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73	Iridium-catalyzed asymmetric hydrogenation of olefins using TIQ phosphine-oxazoline ligands. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2295-2301.	1.8	21
74	Synthesis and Screening of C ¹ -Substituted Tetrahydroisoquinoline Derivatives for Asymmetric Transfer Hydrogenation Reactions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 972-980.	1.2	33
75	A New Class of Modular P,N-Ligand Library for Asymmetric Pd-Catalyzed Allylic Substitution Reactions: A Study of the Key Pd-Allyl Intermediates. <i>Chemistry - A European Journal</i> , 2010, 16, 620-638.	1.7	29
76	Adaptative Biaryl Phosphite-Oxazole and Phosphite-Thiazole Ligands for Asymmetric Ir-Catalyzed Hydrogenation of Alkenes. <i>Chemistry - A European Journal</i> , 2010, 16, 4567-4576.	1.7	58
77	Asymmetric Hydrogenation of Minimally Functionalised Terminal Olefins: An Alternative Sustainable and Direct Strategy for Preparing Enantioenriched Hydrocarbons. <i>Chemistry - A European Journal</i> , 2010, 16, 14232-14240.	1.7	93
78	Bicyclic phosphine-thiazole ligands for the asymmetric hydrogenation of olefins. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1328-1333.	1.8	36
79	Synthesis of tetrahydroisoquinoline-diamine ligands and their application in asymmetric transfer hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 679-687.	1.8	26
80	Synthesis of tetrahydroisoquinoline (TIQ)-oxazoline ligands and their application in enantioselective Henry reactions. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 846-852.	1.8	25
81	Highly Flexible Synthesis of Chiral Azacycles via Iridium-Catalyzed Hydrogenation. <i>Journal of the American Chemical Society</i> , 2010, 132, 8880-8881.	6.6	69
82	Highly Selective Iridium-Catalyzed Asymmetric Hydrogenation of Trifluoromethyl Olefins: A New Route to Trifluoromethyl-Bearing Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 375-378.	2.1	44
83	Iridium Phosphite-Oxazoline Catalysts for the Highly Enantioselective Hydrogenation of Terminal Alkenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 12344-12353.	6.6	134
84	Iridium-Catalyzed Asymmetric Hydrogenation Yielding Chiral Diarylmethines with Weakly Coordinating or Noncoordinating Substituents. <i>Journal of the American Chemical Society</i> , 2009, 131, 8855-8860.	6.6	100
85	Iridium-catalyzed enantioselective hydrogenation of vinyl boronates. <i>Chemical Communications</i> , 2009, 5996.	2.2	69
86	Iridium-N,P-Ligand-Catalyzed Enantioselective Hydrogenation of Diphenylvinylphosphine Oxides and Vinylphosphonates. <i>Journal of the American Chemical Society</i> , 2009, 131, 8285-8289.	6.6	94
87	Access to chiral tertiary amines via the iridium-catalyzed asymmetric hydrogenation of enamines. <i>Tetrahedron Letters</i> , 2008, 49, 7290-7293.	0.7	39
88	Iridium Catalysts with Chiral Imidazole-Phosphine Ligands for Asymmetric Hydrogenation of Vinyl Fluorides and other Olefins. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1168-1176.	2.1	73
89	Iridium catalysts for the asymmetric hydrogenation of olefins with nontraditional functional substituents. <i>Coordination Chemistry Reviews</i> , 2008, 252, 513-531.	9.5	225
90	Phosphine-Free Cp*Ru(Diamine) Catalysts in the Hydrogenation of Imines. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1390-1394.	1.7	27

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91	Development of new thiazole-based iridium catalysts and their applications in the asymmetric hydrogenation of trisubstituted olefins. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 366-373.	1.5	48
92	Chiral Pyranoside Phosphite-Oxazolines: A New Class of Ligand for Asymmetric Catalytic Hydrogenation of Alkenes. <i>Journal of the American Chemical Society</i> , 2008, 130, 7208-7209.	6.6	102
93	Combined Experimental and Theoretical Study of the Mechanism and Enantioselectivity of Palladium-Catalyzed Intermolecular Heck Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 10414-10421.	6.6	97
94	Asymmetric Hydrogenation of Di and Trisubstituted Enol Phosphinates with N,P-Ligated Iridium Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 5595-5599.	6.6	65
95	Biaryl phosphite-oxazolines from hydroxyl aminoacid derivatives: highly efficient modular ligands for Ir-catalyzed hydrogenation of alkenes. <i>Chemical Communications</i> , 2008, , 3888.	2.2	50
96	Exploring the Substrate Scope of the Ru(II)-Catalyzed Kharasch Reaction. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 1005-1013.	1.0	10
97	Asymmetric Hydrogenation of Enol Phosphinates by Iridium Catalysts Having N,P Ligands. <i>Organic Letters</i> , 2007, 9, 1659-1661.	2.4	86
98	Iridium-Catalyzed Asymmetric Hydrogenation of Fluorinated Olefins Using N,P-Ligands: A Struggle with Hydrogenolysis and Selectivity. <i>Journal of the American Chemical Society</i> , 2007, 129, 4536-4537.	6.6	116
99	Development of pinene-derived N,P ligands and their utility in catalytic asymmetric hydrogenation. <i>Dalton Transactions</i> , 2007, , 5603.	1.6	30
100	Microwave-Assisted Asymmetric Intermolecular Heck Reaction using Phosphine-Thiazole Ligands. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2595-2602.	2.1	44
101	New ligands for the RuCp*-diamine catalysed asymmetric hydrogenation of aryl ketones. <i>Comptes Rendus Chimie</i> , 2007, 10, 213-219.	0.2	9
102	Mechanistic aspects of transition metal-catalyzed hydrogen transfer reactions. <i>Chemical Society Reviews</i> , 2006, 35, 237.	18.7	997
103	Asymmetric Hydrogenation of Trisubstituted Olefins with Iridium-Phosphine Thiazole Complexes: A Further Investigation of the Ligand Structure. <i>Journal of the American Chemical Society</i> , 2006, 128, 2995-3001.	6.6	151
104	Asymmetric hydrogenation of tri-substituted alkenes with Ir-NHC-thiazole complexes. <i>Tetrahedron Letters</i> , 2006, 47, 7477-7480.	0.7	36
105	Ir-Catalysed Asymmetric Hydrogenation: Ligands, Substrates and Mechanism. <i>Chemistry - A European Journal</i> , 2006, 12, 3194-3200.	1.7	180
106	Asymmetric Hydrogenation of Imines and Olefins Using Phosphine-Oxazoline Iridium Complexes as Catalysts. <i>Chemistry - A European Journal</i> , 2006, 12, 2318-2328.	1.7	119
107	Iridium-Catalysed Asymmetric Hydrogenation of Vinylsilanes as a Route to Optically Active Silanes. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2575-2578.	2.1	48
108	Kinetic resolution of racemic epoxides using a chiral diamine catalyst. <i>Tetrahedron Letters</i> , 2005, 46, 4805-4807.	0.7	17

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109	Catalytic Asymmetric Total Synthesis of the Muscarinic Receptor Antagonist (R)-Tolterodine. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 662-666.	2.1	49
110	Synthesis of 6-Substituted 7-Bromoazabicyclo[2.2.1]heptanes via Nucleophilic Addition to 3-Bromo-1-azoniatriacyclo[2.2.1.0]-heptane Bromide. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1242-1246.	2.1	9
111	Rationally Designed Ligands for Asymmetric Iridium-Catalyzed Hydrogenation of Olefins. <i>ChemInform</i> , 2005, 36, no.	0.1	0
112	Kinetic Resolution of Racemic Epoxides Using a Chiral Diamine Catalyst. <i>ChemInform</i> , 2005, 36, no.	0.1	0
113	Mechanistic Insights into the Phosphine-Free RuCp*-Diamine-Catalyzed Hydrogenation of Aryl Ketones: A Experimental and Theoretical Evidence for an Alcohol-Mediated Dihydrogen Activation. <i>Journal of the American Chemical Society</i> , 2005, 127, 15083-15090.	6.6	144
114	Origin of Enantioselectivity in the Ru(arene)(amino alcohol)-Catalyzed Transfer Hydrogenation of Ketones. <i>Journal of Organic Chemistry</i> , 2004, 69, 4885-4890.	1.7	125
115	Preparation of pyrrolidine-oxazoline containing ligands and their application in asymmetric transfer hydrogenation. <i>Tetrahedron</i> , 2004, 60, 3405-3416.	1.0	24
116	Bicyclic O,P Ligands for Catalytic Asymmetric 1,4-Addition to α,β -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 549-553.	2.1	12
117	Development of a New Class of (1S,3R,4R)-2-Azabicyclo[2.2.1]heptane-oxazoline Ligands and Their Application in Asymmetric Transfer Hydrogenation. <i>ChemInform</i> , 2004, 35, no.	0.1	0
118	Preparation of Pyrrolidine-Oxazoline Containing Ligands and Their Application in Asymmetric Transfer Hydrogenation. <i>ChemInform</i> , 2004, 35, no.	0.1	0
119	Development of New Camphor-Based N,S Chiral Ligands and Their Application in Transfer Hydrogenation. <i>ChemInform</i> , 2004, 35, no.	0.1	0
120	The use of nonactivated iminodienophiles in the stereoselective aza-Diels-Alder reaction. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 445-452.	1.8	13
121	Development of a new class of (1S,3R,4R)-2-azabicyclo[2.2.1]heptane-oxazoline ligands and their application in asymmetric transfer hydrogenation. <i>Tetrahedron</i> , 2004, 60, 3393-3403.	1.0	21
122	Development of new camphor based N,S chiral ligands and their application in transfer hydrogenation. Electronic supplementary information (ESI) available: ^{13}C NMR spectra. See http://www.rsc.org/suppdata/ob/b4/b402805h/ . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1887.	1.5	25
123	Application of Phosphine-Oxazoline Ligands in Ir-Catalyzed Asymmetric Hydrogenation of Acyclic Aromatic N-Arylimines. <i>Organic Letters</i> , 2004, 6, 3825-3827.	2.4	101
124	Rationally Designed Ligands for Asymmetric Iridium-Catalyzed Hydrogenation of Olefins. <i>Journal of the American Chemical Society</i> , 2004, 126, 14308-14309.	6.6	144
125	Development of a new methodology for the preparation of optically active alcohols. <i>Pure and Applied Chemistry</i> , 2004, 76, 547-555.	0.9	1
126	Novel Catalytic Kinetic Resolution of Racemic Epoxides to Allylic Alcohols. <i>ChemInform</i> , 2003, 34, no.	0.1	0

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127	Synthesis and Evaluation of N,S-Compounds as Chiral Ligands for Transfer Hydrogenation of Acetophenone.. ChemInform, 2003, 34, no.	0.1	0
128	Chinchona Alkaloid Derived Ligands in Catalytic Asymmetric Transfer Hydrogenation.. ChemInform, 2003, 34, no.	0.1	0
129	New Mechanistic Insights into the Iridium-Phosphanooxazoline-Catalyzed Hydrogenation of Unfunctionalized Olefins: A DFT and Kinetic Study. Chemistry - A European Journal, 2003, 9, 339-347.	1.7	151
130	A DFT exploration of the enantioselective rearrangement of cyclohexene oxide to cyclohexenol. Tetrahedron, 2003, 59, 9695-9700.	1.0	8
131	Synthesis and evaluation of N,S-compounds as chiral ligands for transfer hydrogenation of acetophenone Electronic supplementary information (ESI) available: NMR spectra. See http://www.rsc.org/suppdata/ob/b2/b208907f/ . Organic and Biomolecular Chemistry, 2003, 1, 358-366.	1.5	53
132	Cinchona alkaloid derived ligands in catalytic asymmetric transfer hydrogenation. Organic and Biomolecular Chemistry, 2003, 1, 2522.	1.5	22
133	New Catalysts for the Base-Promoted Isomerization of Epoxides to Allylic Alcohols. Broadened Scope and Near-Perfect Asymmetric Induction. Journal of Organic Chemistry, 2002, 67, 1567-1573.	1.7	57
134	Novel Catalytic Kinetic Resolution of Racemic Epoxides to Allylic Alcohols. Organic Letters, 2002, 4, 3777-3779.	2.4	57
135	Asymmetric base-mediated epoxide isomerisation. Chemical Society Reviews, 2002, 31, 223-229.	18.7	82
136	Asymmetric reduction of azirines; a new route to chiral aziridines. Chemical Communications, 2002, , 1752-1753.	2.2	38
137	Multigram scale synthesis of a useful aza-Diels-Alder adduct in a one-step procedure. Tetrahedron: Asymmetry, 2002, 13, 447-449.	1.8	35
138	Asymmetric base-promoted epoxide rearrangement: achiral lithium amides revisited. Tetrahedron, 2002, 58, 4665-4668.	1.0	26
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