

# Antoni Riera

## List of Publications by Year in descending order

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242  
papers

10,477  
citations

46918

47  
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48187

88  
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all docs

303  
docs citations

303  
times ranked

10606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Enantioselective Synthesis of Chiral Amines via Transition Metal-Catalyzed Asymmetric Hydrogenation. <i>Chemical Reviews</i> , 2022, 122, 269-339.	23.0	166
2	Amino acids with fluorescent tetrazine ethers as bioorthogonal handles for peptide modification. <i>RSC Advances</i> , 2022, 12, 14321-14327.	1.7	1
3	Iridium-Catalyzed Asymmetric Hydrogenation of 2,3-Diarylallyl Amines with a Threonine-Derived P-Stereogenic Ligand for the Synthesis of Tetrahydroquinolines and Tetrahydroisoquinolines. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
4	Structure-based design of a Cortistatin analogue with immunomodulatory activity in models of inflammatory bowel disease. <i>Nature Communications</i> , 2021, 12, 1869.	5.8	16
5	BOM-Phosphinite as an Electrophilic P-Stereogenic Transfer Reagent for the Synthesis of Bulky Phosphines: Synthesis of <i>tert</i> -Butyl(3,5-di- <i>tert</i> -butylphenyl)BisP <sup>κ</sup> . <i>Organic Letters</i> , 2021, 23, 4802-4806.	2.4	6
6	Somatostatin, an <i>In Vivo</i> Binder to A <sup>β</sup> Oligomers, Binds to PFO <sub>2</sub> A <sup>β</sup> (1-42) Tetramers. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3358-3365.	1.7	7
7	Iridium-Catalyzed Asymmetric Isomerization of Primary Allylic Alcohols Using MaxPHOX Ligands: Experimental and Theoretical Study. <i>ChemCatChem</i> , 2020, 12, 4112-4120.	1.8	10
8	Optimal linker length for small molecule PROTACs that selectively target p38 <sup>α</sup> and p38 <sup>β</sup> for degradation. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112451.	2.6	41
9	P-Stereogenic Amino-Phosphines as Chiral Ligands: From Privileged Intermediates to Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2020, 53, 676-689.	7.6	61
10	Synthesis and Application of 3-Bromo-1,2,4,5-Tetrazine for Protein Labeling to Trigger Click-to-Release Biorthogonal Reactions. <i>Bioconjugate Chemistry</i> , 2020, 31, 933-938.	1.8	27
11	Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie</i> , 2020, 132, 7591-7597.	1.6	1
12	Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7521-7527.	7.2	16
13	Asymmetric Synthesis of Fluorinated Monoterpenic Alkaloid Derivatives from Chiral Fluoroalkyl Aldimines via the Pauson-Khand Reaction. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1378-1384.	2.1	9
14	Synthesis of 3-alkyl-6-methyl-1,2,4,5-tetrazines <i>via</i> a Sonogashira-type cross-coupling reaction. <i>Chemical Communications</i> , 2020, 56, 11086-11089.	2.2	10
15	Enantioselective Synthesis of <i>N</i> -Methyl Amines <i>via</i> Iridium-Catalyzed Asymmetric Hydrogenation of <i>N</i> -Sulfonyl Allyl Amines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4196-4200.	2.1	20
16	Highly Enantioselective Iridium-Catalyzed Hydrogenation of 2-Aryl Allyl Phthalimides. <i>Organic Letters</i> , 2019, 21, 9709-9713.	2.4	21
17	Coordination chemistry and catalysis with secondary phosphine oxides. <i>Catalysis Science and Technology</i> , 2019, 9, 5504-5561.	2.1	62
18	Mild Iridium-Catalysed Isomerization of Epoxides. Computational Insights and Application to the Synthesis of <i>N</i> -Alkyl Amines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3624-3631.	2.1	12

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19	Iridium complexes with P-stereogenic phosphino imidazole ligands: Synthesis, structure and catalysis. <i>Tetrahedron</i> , 2019, 75, 4358-4364.	1.0	10
20	Extending the Substrate Scope in the Hydrogenation of Unfunctionalized Tetrasubstituted Olefins with Ir-P Stereogenic Aminophosphineâ€“Oxazoline Catalysts. <i>Organic Letters</i> , 2019, 21, 807-811.	2.4	37
21	P-Stereogenic and Non-P-Stereogenic Irâ€“MaxPHOX in the Asymmetric Hydrogenation of <i>N</i>-Aryl Imines. Isolation and X-ray Analysis of Imine Iridacycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 4618-4627.	1.7	40
22	TGFÎ² drives immune evasion in genetically reconstituted colon cancer metastasis. <i>Nature</i> , 2018, 554, 538-543.	13.7	1,296
23	Synthesis and coordination chemistry of enantiopure t-BuMeP(O)H. <i>Dalton Transactions</i> , 2018, 47, 5366-5379.	1.6	16
24	Direct Asymmetric Hydrogenation of <i>N</i>-Methyl and <i>N</i>-Alkyl Imines with an Ir(III)H Catalyst. <i>Journal of the American Chemical Society</i> , 2018, 140, 16967-16970.	6.6	47
25	Iridium-Catalyzed Isomerization of <i>N</i>-Sulfonyl Aziridines to Allyl Amines. <i>Organic Letters</i> , 2018, 20, 5747-5751.	2.4	25
26	Catalytic Pausonâ€“Khand Reaction in Ethylene Glycolâ€“Toluene: Activity, Selectivity, and Catalyst Recycling. <i>Synthesis</i> , 2018, 50, 3891-3896.	1.2	3
27	Total Synthesis of (<i>R</i>)-Sarkomycin Methyl Ester via Regioselective Intermolecular Pausonâ€“Khand Reaction and Iridium-Catalyzed Asymmetric Isomerization. <i>Organic Letters</i> , 2018, 20, 3953-3957.	2.4	20
28	The Nuclear Receptor LXR Limits Bacterial Infection of Host Macrophages through a Mechanism that Impacts Cellular NAD Metabolism. <i>Cell Reports</i> , 2017, 18, 1241-1255.	2.9	85
29	Synthesis, Coordination Study, and Catalytic Pausonâ€“Khand Reactions of QuinoxP*(CO) <sub>4</sub> -1/4-Alkyne Dicobalt Complexes. <i>Organometallics</i> , 2017, 36, 1056-1065.	1.1	19
30	Ethylene Glycol Assisted Intermolecular Pausonâ€“Khand Reaction. <i>Synthesis</i> , 2017, 49, 3945-3951.	1.2	14
31	Dialkylammonium <i>tert</i>-Butylmethylphosphinites: Stable Intermediates for the Synthesis of P-Stereogenic Ligands. <i>Journal of Organic Chemistry</i> , 2017, 82, 7065-7069.	1.7	15
32	Efficient Synthesis of Polycyclic Î³-Lactams by Catalytic Carbonylation of Eneâ€“Imines via Nickelacycle Intermediates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8206-8210.	7.2	43
33	Efficient Synthesis of Polycyclic Î³-Lactams by Catalytic Carbonylation of Eneâ€“Imines via Nickelacycle Intermediates. <i>Angewandte Chemie</i> , 2017, 129, 8318-8322.	1.6	20
34	P-Stereogenic bisphosphines with a hydrazine backbone: from Nâ€“N atropisomerism to double nitrogen inversion. <i>Chemical Communications</i> , 2017, 53, 4605-4608.	2.2	18
35	Half-sandwich complexes of Ir(<sc>iii</sc>), Rh(<sc>iii</sc>) and Ru(<sc>ii</sc>) with the MaxPhos ligand: metal centred chirality and cyclometallation. <i>Dalton Transactions</i> , 2017, 46, 15865-15874.	1.6	6
36	Stereodivergent Syntheses of <i>altro</i> and <i>manno</i> Stereoisomers of 2â€“Acetamidoâ€“1,2â€“dideoxynojirimycin. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7179-7185.	1.2	1

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37	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. <i>Angewandte Chemie</i> , 2016, 128, 8120-8124.	1.6	24
38	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7988-7992.	7.2	79
39	Peptide aromatic interactions modulated by fluorinated residues: Synthesis, structure and biological activity of Somatostatin analogs containing 3-(3,5-difluorophenyl)-alanine. <i>Scientific Reports</i> , 2016, 6, 27285.	1.6	10
40	EPI-001, A Compound Active against Castration-Resistant Prostate Cancer, Targets Transactivation Unit 5 of the Androgen Receptor. <i>ACS Chemical Biology</i> , 2016, 11, 2499-2505.	1.6	109
41	Efficient Preparation of (S)- and (R)-tert-Butylmethylphosphine-Borane: A Novel Entry to Important P-Stereogenic Ligands. <i>Synthesis</i> , 2016, 48, 2659-2663.	1.2	8
42	Efficient stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DAJNac) and sp <sup>2</sup> -iminosugar conjugates: Novel hexosaminidase inhibitors with discrimination capabilities between the mature and precursor forms of the enzyme. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 926-938.	2.6	23
43	Addition of HOBT improves the conversion of thioester-Amine chemical ligation. <i>Biopolymers</i> , 2015, 104, 693-702.	1.2	1
44	Asymmetric Intermolecular Cobalt-Catalyzed Pauson-Khand Reaction Using a P-Stereogenic Bis-phosphane. <i>Organic Letters</i> , 2015, 17, 250-253.	2.4	42
45	Stromal gene expression defines poor-prognosis subtypes in colorectal cancer. <i>Nature Genetics</i> , 2015, 47, 320-329.	9.4	858
46	Structure of the N-terminal domain of the protein Expansion: an 'Expansion' to the Smad MH2 fold. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 844-853.	2.5	7
47	Stereoselective synthesis of 2-acetamido-1,2-dideoxyjirimycin (DNJNac) and ureido-DNJNac derivatives as new hexosaminidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6500-6510.	1.5	19
48	Rhodium-Catalyzed Pauson-Khand Reaction Using a Small-Bite-Angle P-Stereogenic C1-Diphosphine Ligand. <i>Organometallics</i> , 2015, 34, 4989-4993.	1.1	25
49	Stereospecific S <sub>N</sub> 2@P reactions: novel access to bulky P-stereogenic ligands. <i>Chemical Communications</i> , 2015, 51, 17548-17551.	2.2	43
50	Borane as an efficient directing group. Stereoselective 1,2-addition of organometallic reagents to borane P-stereogenic N-phosphanylimines. <i>Chemical Communications</i> , 2015, 51, 1941-1944.	2.2	11
51	Pauson-Khand Reaction of Internal Dissymmetric Trifluoromethyl Alkynes. Influence of the Alkene on the Regioselectivity. <i>Molecules</i> , 2014, 19, 1763-1774.	1.7	6
52	MaxPHOS Ligand: PH/NH Tautomerism and Rhodium-Catalyzed Asymmetric Hydrogenations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 795-804.	2.1	55
53	Nickel(II) and Palladium(II) Complexes of the Small-Bite-Angle P-Stereogenic Diphosphine Ligand MaxPHOS and Its Monosulfide. <i>Organometallics</i> , 2014, 33, 692-701.	1.1	20
54	Asymmetric Allylation/Pauson-Khand Reaction: A Simple Entry to Polycyclic Amines. Application to the Synthesis of Aminosteroid Analogues. <i>Organic Letters</i> , 2014, 16, 1224-1227.	2.4	35

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55	Regioselectivity of Intermolecular Pauson-Khand Reaction of Aliphatic Alkynes: Experimental and Theoretical Study of the Effect of Alkyne Polarization. <i>Journal of Organic Chemistry</i> , 2014, 79, 10999-11010.	1.7	21
56	Molecular basis of the selective binding of MDMA enantiomers to the $\alpha_4\beta_2$ nicotinic receptor subtype: Synthesis, pharmacological evaluation and mechanistic studies. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 35-46.	2.6	11
57	A tetradecapeptide somatostatin dicarba-analog: Synthesis, structural impact and biological activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 103-107.	1.0	23
58	Immunostaining Protocol: P-Stat3 (Xenograft and Mice). <i>Bio-protocol</i> , 2014, 4, .	0.2	0
59	Stereoselective Synthesis of 2-Acetamido-1,2-dideoxyallonojirimycin (DAJNAc), a New Potent Hexosaminidase Inhibitor. <i>Organic Letters</i> , 2013, 15, 3638-3641.	2.4	16
60	Gas-phase collision induced dissociation mechanisms of peptides: Theoretical and experimental study of N-formylalanyl amide fragmentation. <i>International Journal of Mass Spectrometry</i> , 2013, 335, 33-44.	0.7	30
61	The Pauson-Khand reaction of medium sized trans-cycloalkenes. <i>Chemical Communications</i> , 2013, 49, 3055.	2.2	14
62	General Approach to Prostanoids $B_{12}$ by Intermolecular Pauson-Khand Reaction: Syntheses of Methyl Esters of Prostaglandin $B_{12}$ and Phytoprostanoids $16B_{12}$ and $9a_{12}$ . <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1716-1725.	1.2	14
63	Stereodivergent $S_N2$ Reactions of Borane Oxazaphospholidines: Experimental and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 4483-4491.	6.6	48
64	Synthesis and Application of $\beta$ -Substituted Pauson-Khand Adducts: Trifluoromethyl as a Removable Steering Group. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5355-5359.	7.2	25
65	Pauson-Khand Adducts of <i>N</i> -Boc-propargylamine: A New Approach to 4,5-Disubstituted Cyclopentenones. <i>Organic Letters</i> , 2013, 15, 2696-2699.	2.4	17
66	Insights into Structure-Activity Relationships of Somatostatin Analogs Containing Mesitylalanine. <i>Molecules</i> , 2013, 18, 14564-14584.	1.7	12
67	Dependency of Colorectal Cancer on a TGF- $\beta$ -Driven Program in Stromal Cells for Metastasis Initiation. <i>Cancer Cell</i> , 2012, 22, 571-584.	7.7	881
68	Neutral vs. cationic rhodium (I) complexes of bulky N-phosphino sulfinamide ligands: Coordination modes and its influence in the asymmetric hydrogenation of Z-MAC. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 135-140.	0.8	6
69	Helical Atropisomers of Strained Phenanthrenes by Photochemistry of Aromatic Pauson-Khand Cycloadducts. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6058-6063.	1.2	1
70	Tetramethylnorbornadiene, a Versatile Alkene for Cyclopentenone Synthesis through Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2012, 14, 3534-3537.	2.4	22
71	Innenrücktitelbild: Fine-tuning the $\pi$ - $\pi$ Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine ( <i>Angew. Chem.</i> 8/2012). <i>Angewandte Chemie</i> , 2012, 124, 2015-2015.	1.6	0
72	Titelbild: P-Stereogenic Secondary Iminophosphorane Ligands and Their Rhodium(I) Complexes: Taking Advantage of NH/PH Tautomerism ( <i>Angew. Chem.</i> 28/2012). <i>Angewandte Chemie</i> , 2012, 124, 6901-6901.	1.6	1

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73	Pâ€Stereogenic Secondary Iminophosphorane Ligands and Their Rhodium(I) Complexes: Taking Advantage of NH/PH Tautomerism. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6951-6955.	7.2	46
74	Fineâ€tuning the ĨĒĒĒ Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1820-1825.	7.2	19
75	Inside Back Cover: Fineâ€tuning the ĨĒĒĒ Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine ( <i>Angew. Chem. Int. Ed.</i> 8/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1977-1977.	7.2	0
76	Enantioselective Synthesis of Sphingadienines and Aromatic Ceramide Analogs. <i>Organic Letters</i> , 2011, 13, 5184-5187.	2.4	11
77	Stereoselective Synthesis of P-Stereogenic Aminophosphines: Ring Opening of Bulky Oxazaphospholidines. <i>Journal of the American Chemical Society</i> , 2011, 133, 5740-5743.	6.6	92
78	<i>N</i>-Benzyl-<i>N</i>-phosphino-<i>tert</i>-butylsulfonamide and Its Coordination Modes with Ir(I), Cu(I), Pd(II), and Pt(II): P,S or P,O?. <i>Organometallics</i> , 2011, 30, 3119-3130.	1.1	9
79	Saline Intermolecular Pausonâ€Khand Reactions of Propargyl Amine. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1438-1442.	1.2	4
80	Solvent and Substituent Effects on the Photochemistry of Norbornadieneâ€Diarylacetylene Pausonâ€Khand Adducts. <i>Chemistry - A European Journal</i> , 2011, 17, 3942-3948.	1.7	6
81	SSTR1â€and SSTR3â€Selective Somatostatin Analogues. <i>ChemBioChem</i> , 2011, 12, 625-632.	1.3	14
82	Chiral N-phosphino sulfonamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions. <i>Tetrahedron</i> , 2010, 66, 9032-9040.	1.0	41
83	Phosphineâ€Alkene Ligands as Mechanistic Probes in the Pausonâ€Khand Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 8340-8346.	1.7	12
84	Primary and Secondary Aminophosphines as Novel Pâ€Stereogenic Building Blocks for Ligand Synthesis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9452-9455.	7.2	95
85	Synthesis of a new camphor derived P,S(O) ligand. The importance of Câ€Hâ€O bonding in the ligand exchange reactions with Co <sub>2</sub> (1/4-alkyne)(CO) <sub>6</sub> complexes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2377-2380.	0.8	6
86	Synthetic Applications of Chiral Unsaturated Epoxy Alcohols Prepared by Sharpless Asymmetric Epoxidation. <i>Molecules</i> , 2010, 15, 1041-1073.	1.7	41
87	Regioselectivity in Intermolecular Pauson-Khand Reactions of Dissymmetric Fluorinated Alkynes. <i>Organic Letters</i> , 2010, 12, 5620-5623.	2.4	24
88	PNSO Ligands as a Tool to Study Metal Bonding of Electron-Deficient Sulfinyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4446-4453.	1.0	11
89	Asymmetric Intermolecular Pausonâ€Khand Reaction of Symmetrically Substituted Alkynes. <i>Organic Letters</i> , 2009, 11, 4346-4349.	2.4	52
90	Cationic Rhodium (I) Complexes of N-Phosphino-tert-butylsulfonamide Ligands: Synthesis, Structure, and Coordination Modes. <i>Organometallics</i> , 2009, 28, 480-487.	1.1	18

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91	Sulfinylmethyl Phosphines as Chiral Ligands in the Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2009, 28, 4571-4576.	1.1	27
92	Synthesis of Prostaglandin and Phytoprostane B <sub>1</sub> Via Regioselective Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2009, 11, 3104-3107.	2.4	54
93	Asymmetric Synthesis of <i>cis</i> - and <i>trans</i> -Hydroxypipercolic Acids. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1789-1796.	1.2	28
94	<i>N</i> -Phosphino- <i>p</i> -tolylsulfonamide Ligands: Synthesis, Stability, and Application to the Intermolecular Pauson-Khand Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 7080-7087.	1.7	47
95	Theoretical and Experimental Studies on the Mechanism of Norbornadiene Pauson-Khand Cycloadducts Photorearrangement. Is There a Pathway on the Excited Singlet Potential Energy Surface?. <i>Journal of the American Chemical Society</i> , 2008, 130, 16898-16907.	6.6	5
96	The conjugate addition-Peterson olefination reaction for the preparation of cross-conjugated cyclopentenone, PPAR- $\beta$ ligands. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4649.	1.5	40
97	Enantioselective Syntheses of Carbanucleosides from the Pauson-Khand Adduct of Trimethylsilylacetylene and Norbornadiene. <i>Organic Letters</i> , 2008, 10, 4509-4512.	2.4	51
98	Enantioselective Synthesis of Indolizidine Alkaloid trans-209D. <i>Journal of Organic Chemistry</i> , 2008, 73, 8661-8664.	1.7	15
99	Enantioselective Synthesis of <i>trans</i> -4-Methylpipercolic Acid. <i>Journal of Organic Chemistry</i> , 2007, 72, 7688-7692.	1.7	25
100	Kinetic Studies on the Cobalt-Catalyzed Norbornadiene Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2007, 26, 1134-1142.	1.1	24
101	Phosphine-Dependent Stereoselectivity in the Mitsunobu Cyclodehydration of 1,2-Diols: A Stereodivergent Approach to Triaryl-Substituted Epoxides. <i>Organic Letters</i> , 2007, 9, 635-638.	2.4	22
102	<i>N</i> -Phosphino Sulfonamide Ligands: An Efficient Manner To Combine Sulfur Chirality and Phosphorus Coordination Behavior. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5020-5023.	7.2	82
103	Photochemical Rearrangements of Norbornadiene Pauson-Khand Cycloadducts. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5943-5946.	7.2	12
104	PuPHOS and CamPHOS Ligands in the Intermolecular Catalytic Pauson-Khand Reaction. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2121-2128.	2.1	37
105	Enantioselective synthesis of hydroxylated pyrrolidines via Sharpless epoxidation and olefin metathesis. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 149-154.	1.8	37
106	A unified approach to mesityl amino acids based on Sharpless dihydroxylation. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2797-2802.	1.8	11
107	Synthesis and NMR experiments of (4,5,6- <sup>13</sup> C)-deoxymannojirimycin. A new entry to <sup>13</sup> C-labeled glycosidase inhibitors. <i>Carbohydrate Research</i> , 2007, 342, 1805-1812.	1.1	8
108	Boron Trifluoride-Induced, New Stereospecific Rearrangements of Chiral Epoxy Ethers. Ready Access to Enantiopure 4-(Diarylmethyl)-1,3-dioxolanes and 4,5-Disubstituted Tetrahydrobenzo[c]oxepin-4-ols. <i>Journal of Organic Chemistry</i> , 2006, 71, 1537-1544.	1.7	28



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109	Stereodivergent Syntheses of Conduramines and Aminocyclitols. <i>Organic Letters</i> , 2006, 8, 3069-3072.	2.4	29
110	C <sup>1</sup> -H <sup>1</sup> -O Hydrogen Bond-Directed Ligand Exchange Reaction: Diastereoselective Synthesis of P,S-Bridged (1 <sup>1</sup> /4-alkyne)Co <sub>2</sub> (CO) <sub>4</sub> Complexes. <i>Organometallics</i> , 2006, 25, 5795-5799.	1.1	8
111	Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
112	Improved preparation of $\beta$ -hydroxy- $\alpha$ -amino acids: direct formation of sulfates by sulfonyl chloride. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3908-3912.	1.8	26
113	Total Synthesis and Biological Activity of 13,14-Dehydro-12-Oxo-Phytodienoic Acids (Deoxy-J1-Phytosteranes). <i>ChemBioChem</i> , 2005, 6, 276-280.	1.3	42
114	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
115	Enantioselective Synthesis of erythro- $\beta$ -Hydroxyglutamic Acid. <i>Synthetic Communications</i> , 2005, 35, 289-297.	1.1	10
116	Phosphine-Substrate Recognition through the C <sup>1</sup> -H <sup>1</sup> -O Hydrogen Bond: Application to the Asymmetric Pauson-Khand Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 13629-13633.	6.6	53
117	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity. <i>Journal of Organic Chemistry</i> , 2005, 70, 433-438.	1.7	36
118	Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form. <i>Journal of Organic Chemistry</i> , 2005, 70, 7426-7428.	1.7	18
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120	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. <i>Journal of Organic Chemistry</i> , 2005, 70, 2325-2328.	1.7	112
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