

Xavier Verdaguer

List of Publications by Year in descending order

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4,198
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81889

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152
all docs

152
docs citations

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times ranked

2360
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. | 47.7 | 166 |
| 2 | Amino acids with fluorescent tetrazine ethers as bioorthogonal handles for peptide modification. <i>RSC Advances</i> , 2022, 12, 14321-14327. | 3.6 | 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, . | 13.8 | 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. | 12.8 | 16 |
| 5 | BOM-Phosphinite as an Electrophilic P-Stereogenic Transfer Reagent for the Synthesis of Bulky Phosphines: Synthesis of <i>tert</i> -(3,5-di- <i>tert</i> -butylphenyl)BisP ^κ . <i>Organic Letters</i> , 2021, 23, 4802-4806. | 4.6 | 6 |
| 6 | Iridium-Catalyzed Asymmetric Isomerization of Primary Allylic Alcohols Using MaxPHOX Ligands: Experimental and Theoretical Study. <i>ChemCatChem</i> , 2020, 12, 4112-4120. | 3.7 | 10 |
| 7 | P-Stereogenic Amino-Phosphines as Chiral Ligands: From Privileged Intermediates to Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2020, 53, 676-689. | 15.6 | 61 |
| 8 | 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. | 3.6 | 27 |
| 9 | Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie</i> , 2020, 132, 7591-7597. | 2.0 | 1 |
| 10 | Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7521-7527. | 13.8 | 16 |
| 11 | 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. | 4.1 | 10 |
| 12 | 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. | 4.3 | 20 |
| 13 | Highly Enantioselective Iridium-Catalyzed Hydrogenation of 2-Aryl Allyl Phthalimides. <i>Organic Letters</i> , 2019, 21, 9709-9713. | 4.6 | 21 |
| 14 | Coordination chemistry and catalysis with secondary phosphine oxides. <i>Catalysis Science and Technology</i> , 2019, 9, 5504-5561. | 4.1 | 62 |
| 15 | 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. | 4.3 | 12 |
| 16 | Iridium complexes with P-stereogenic phosphino imidazole ligands: Synthesis, structure and catalysis. <i>Tetrahedron</i> , 2019, 75, 4358-4364. | 1.9 | 10 |
| 17 | Extending the Substrate Scope in the Hydrogenation of Unfunctionalized Tetrasubstituted Olefins with Ir-P Stereogenic Aminophosphine-Oxazoline Catalysts. <i>Organic Letters</i> , 2019, 21, 807-811. | 4.6 | 37 |
| 18 | P-Stereogenic and Non-P-Stereogenic Ir-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. | 3.2 | 40 |

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|----|--|------|-----------|
| 19 | Synthesis and coordination chemistry of enantiopure t-BuMeP(O)H. Dalton Transactions, 2018, 47, 5366-5379. | 3.3 | 16 |
| 20 | Direct Asymmetric Hydrogenation of <i>N</i> -Methyl and <i>N</i> -Alkyl Imines with an Ir(III)H Catalyst. Journal of the American Chemical Society, 2018, 140, 16967-16970. | 13.7 | 47 |
| 21 | Iridium-Catalyzed Isomerization of <i>N</i> -Sulfonyl Aziridines to Allyl Amines. Organic Letters, 2018, 20, 5747-5751. | 4.6 | 25 |
| 22 | Catalytic Pauson-Khand Reaction in Ethylene Glycol-Toluene: Activity, Selectivity, and Catalyst Recycling. Synthesis, 2018, 50, 3891-3896. | 2.3 | 3 |
| 23 | Total Synthesis of (R)-Sarkomycin Methyl Ester via Regioselective Intermolecular Pauson-Khand Reaction and Iridium-Catalyzed Asymmetric Isomerization. Organic Letters, 2018, 20, 3953-3957. | 4.6 | 20 |
| 24 | Synthesis, Coordination Study, and Catalytic Pauson-Khand Reactions of QuinoxP*(CO) ₄ -1,4-Alkyne Dicobalt Complexes. Organometallics, 2017, 36, 1056-1065. | 2.3 | 19 |
| 25 | Ethylene Glycol Assisted Intermolecular Pauson-Khand Reaction. Synthesis, 2017, 49, 3945-3951. | 2.3 | 14 |
| 26 | Dialkylammonium <i>tert</i> -Butylmethylphosphinites: Stable Intermediates for the Synthesis of P-Stereogenic Ligands. Journal of Organic Chemistry, 2017, 82, 7065-7069. | 3.2 | 15 |
| 27 | Efficient Synthesis of Polycyclic β -Lactams by Catalytic Carbonylation of Ene-imines via Nickelacycle Intermediates. Angewandte Chemie - International Edition, 2017, 56, 8206-8210. | 13.8 | 43 |
| 28 | Efficient Synthesis of Polycyclic β -Lactams by Catalytic Carbonylation of Ene-imines via Nickelacycle Intermediates. Angewandte Chemie, 2017, 129, 8318-8322. | 2.0 | 20 |
| 29 | P-Stereogenic bisphosphines with a hydrazine backbone: from N-N atropisomerism to double nitrogen inversion. Chemical Communications, 2017, 53, 4605-4608. | 4.1 | 18 |
| 30 | Half-sandwich complexes of Ir(η^3), Rh(η^3) and Ru(η^2) with the MaxPhos ligand: metal centred chirality and cyclometallation. Dalton Transactions, 2017, 46, 15865-15874. | 3.3 | 6 |
| 31 | Stereodivergent Syntheses of <i>altro</i> and <i>manno</i> Stereoisomers of 2-Acetamido-2,2-dideoxyjirimycin. European Journal of Organic Chemistry, 2017, 2017, 7179-7185. | 2.4 | 1 |
| 32 | Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. Angewandte Chemie, 2016, 128, 8120-8124. | 2.0 | 24 |
| 33 | Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. Angewandte Chemie - International Edition, 2016, 55, 7988-7992. | 13.8 | 79 |
| 34 | Building molecular complexity from scratch. Science, 2016, 353, 866-867. | 12.6 | 1 |
| 35 | Peptide aromatic interactions modulated by fluorinated residues: Synthesis, structure and biological activity of Somatostatin analogs containing 3-(3,5-difluorophenyl)-alanine. Scientific Reports, 2016, 6, 27285. | 3.3 | 10 |
| 36 | Efficient Preparation of (S)- and (R)- <i>tert</i> -Butylmethylphosphine-Borane: A Novel Entry to Important P-Stereogenic Ligands. Synthesis, 2016, 48, 2659-2663. | 2.3 | 8 |

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| 37 | Efficient stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DAJNac) and sp ² -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. | 5.5 | 23 |
| 38 | Asymmetric Intermolecular Cobalt-Catalyzed Pauson-Khand Reaction Using a P-Stereogenic Bis-phosphane. <i>Organic Letters</i> , 2015, 17, 250-253. | 4.6 | 42 |
| 39 | Stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DNJNac) and ureido-DNJNac derivatives as new hexosaminidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6500-6510. | 2.8 | 19 |
| 40 | Rhodium-Catalyzed Pauson-Khand Reaction Using a Small-Bite-Angle P-Stereogenic C1-Diphosphine Ligand. <i>Organometallics</i> , 2015, 34, 4989-4993. | 2.3 | 25 |
| 41 | Stereospecific S _N 2@P reactions: novel access to bulky P-stereogenic ligands. <i>Chemical Communications</i> , 2015, 51, 17548-17551. | 4.1 | 43 |
| 42 | 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. | 4.1 | 11 |
| 43 | Pauson-Khand Reaction of Internal Dissymmetric Trifluoromethyl Alkynes. Influence of the Alkene on the Regioselectivity. <i>Molecules</i> , 2014, 19, 1763-1774. | 3.8 | 6 |
| 44 | MaxPHOS Ligand: PH/NH Tautomerism and Rhodium-Catalyzed Asymmetric Hydrogenations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 795-804. | 4.3 | 55 |
| 45 | 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. | 2.3 | 20 |
| 46 | 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. | 3.2 | 21 |
| 47 | A tetradecapeptide somatostatin dicarba-analog: Synthesis, structural impact and biological activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 103-107. | 2.2 | 23 |
| 48 | Stereoselective Synthesis of 2-Acetamido-1,2-dideoxyallonojirimycin (DAJNac), a New Potent Hexosaminidase Inhibitor. <i>Organic Letters</i> , 2013, 15, 3638-3641. | 4.6 | 16 |
| 49 | The Pauson-Khand reaction of medium sized trans-cycloalkenes. <i>Chemical Communications</i> , 2013, 49, 3055. | 4.1 | 14 |
| 50 | General Approach to Prostanes B ₁ by Intermolecular Pauson-Khand Reaction: Syntheses of Methyl Esters of Prostaglandin B ₁ and Phytoprostanes 16-PhytoP and 9-PhytoP. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1716-1725. | 2.4 | 14 |
| 51 | Stereodivergent S _N 2@P Reactions of Borane Oxazaphospholidines: Experimental and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 4483-4491. | 13.7 | 48 |
| 52 | Synthesis and Application of ¹² C-Substituted Pauson-Khand Adducts: Trifluoromethyl as a Removable Steering Group. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5355-5359. | 13.8 | 25 |
| 53 | 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. | 4.6 | 17 |
| 54 | Insights into Structure-Activity Relationships of Somatostatin Analogs Containing Mesitylalanine. <i>Molecules</i> , 2013, 18, 14564-14584. | 3.8 | 12 |

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|----|---|------|-----------|
| 55 | 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. | 1.8 | 6 |
| 56 | Helical Atropisomers of Strained Phenanthrenes by Photochemistry of Aromatic Pauson-Khand Cycloadducts. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6058-6063. | 2.4 | 1 |
| 57 | Tetramethylnorbornadiene, a Versatile Alkene for Cyclopentenone Synthesis through Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2012, 14, 3534-3537. | 4.6 | 22 |
| 58 | P-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. | 13.8 | 46 |
| 59 | Fine-tuning the Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1820-1825. | 13.8 | 19 |
| 60 | Stereoselective Synthesis of P-Stereogenic Aminophosphines: Ring Opening of Bulky Oxazaphospholidines. <i>Journal of the American Chemical Society</i> , 2011, 133, 5740-5743. | 13.7 | 92 |
| 61 | <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. | 2.3 | 9 |
| 62 | Saline Intermolecular Pauson-Khand Reactions of Propargyl Amine. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1438-1442. | 2.4 | 4 |
| 63 | Solvent and Substituent Effects on the Photochemistry of Norbornadiene-Diarylacetylene Pauson-Khand Adducts. <i>Chemistry - A European Journal</i> , 2011, 17, 3942-3948. | 3.3 | 6 |
| 64 | SSTR1 and SSTR3 Selective Somatostatin Analogues. <i>ChemBioChem</i> , 2011, 12, 625-632. | 2.6 | 14 |
| 65 | Chiral N-phosphino sulfinamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions. <i>Tetrahedron</i> , 2010, 66, 9032-9040. | 1.9 | 41 |
| 66 | Phosphine-Alkene Ligands as Mechanistic Probes in the Pauson-Khand Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 8340-8346. | 3.3 | 12 |
| 67 | Primary and Secondary Aminophosphines as Novel P-Stereogenic Building Blocks for Ligand Synthesis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9452-9455. | 13.8 | 95 |
| 68 | Synthesis of a new camphor derived P,S(O) ligand. The importance of C-H...O bonding in the ligand exchange reactions with Co ₂ (1/4-alkyne)(CO) ₆ complexes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2377-2380. | 1.8 | 6 |
| 69 | Regioselectivity in Intermolecular Pauson-Khand Reactions of Dissymmetric Fluorinated Alkynes. <i>Organic Letters</i> , 2010, 12, 5620-5623. | 4.6 | 24 |
| 70 | 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. | 2.0 | 11 |
| 71 | Asymmetric Intermolecular Pauson-Khand Reaction of Symmetrically Substituted Alkynes. <i>Organic Letters</i> , 2009, 11, 4346-4349. | 4.6 | 52 |
| 72 | Cationic Rhodium (I) Complexes of N-Phosphino- <i>tert</i> -butylsulfonamide Ligands: Synthesis, Structure, and Coordination Modes. <i>Organometallics</i> , 2009, 28, 480-487. | 2.3 | 18 |

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| 73 | Sulfinylmethyl Phosphines as Chiral Ligands in the Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2009, 28, 4571-4576. | 2.3 | 27 |
| 74 | Synthesis of Prostaglandin and Phytoprostane B ₁ Via Regioselective Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2009, 11, 3104-3107. | 4.6 | 54 |
| 75 | <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. | 3.2 | 47 |
| 76 | 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. | 13.7 | 5 |
| 77 | The conjugate addition-Peterson olefination reaction for the preparation of cross-conjugated cyclopentenone, PPAR-1 ³ ligands. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4649. | 2.8 | 40 |
| 78 | Enantioselective Syntheses of Carbanucleosides from the Pauson-Khand Adduct of Trimethylsilylacetylene and Norbornadiene. <i>Organic Letters</i> , 2008, 10, 4509-4512. | 4.6 | 51 |
| 79 | Kinetic Studies on the Cobalt-Catalyzed Norbornadiene Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2007, 26, 1134-1142. | 2.3 | 24 |
| 80 | 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. | 4.6 | 22 |
| 81 | <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. | 13.8 | 82 |
| 82 | Photochemical Rearrangements of Norbornadiene Pauson-Khand Cycloadducts. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5943-5946. | 13.8 | 12 |
| 83 | PuPHOS and CamPHOS Ligands in the Intermolecular Catalytic Pauson-Khand Reaction. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2121-2128. | 4.3 | 37 |
| 84 | C [∞] H [∞] ·O Hydrogen Bond-Directed Ligand Exchange Reaction: A Diastereoselective Synthesis of P,S-Bridged (1/4-alkyne)Co ₂ (CO) ₄ Complexes. <i>Organometallics</i> , 2006, 25, 5795-5799. | 2.3 | 8 |
| 85 | Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form.. <i>ChemInform</i> , 2006, 37, no. | 0.0 | 0 |
| 86 | Polystyrene-supported amino alcohol ligands for the heterogeneous asymmetric addition of phenyl zinc reagents to aldehydes. <i>Tetrahedron</i> , 2005, 61, 12111-12120. | 1.9 | 29 |
| 87 | Total Synthesis and Biological Activity of 13,14-Dehydro-12-Oxo-Phytodienoic Acids (Deoxy-J1-Phytoprostanes). <i>ChemBioChem</i> , 2005, 6, 276-280. | 2.6 | 42 |
| 88 | Phosphine-Substrate Recognition through the C [∞] H [∞] ·O Hydrogen Bond: Application to the Asymmetric Pauson-Khand Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 13629-13633. | 13.7 | 53 |
| 89 | Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form. <i>Journal of Organic Chemistry</i> , 2005, 70, 7426-7428. | 3.2 | 18 |
| 90 | 2-Piperidino-1,1,2-triphenylethanol: A Highly Effective Catalyst for the Enantioselective Arylation of Aldehydes.. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |

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|-----|--|------|-----------|
| 91 | Stereoselectivity in the Intermolecular Pauson-Khand Reaction of Electron-Deficient Terminal Alkynes.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 92 | Enantioselective Addition of Dimethylzinc to Aldehydes: Assessment of Optimal N,N-Substitution for 2-Dialkylamino-1,1,2-triphenylethanol Ligands.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 93 | Enantioselective addition of dimethylzinc to aldehydes: assessment of optimal N,N-substitution for 2-dialkylamino-1,1,2-triphenylethanol ligands. Tetrahedron: Asymmetry, 2004, 15, 2085-2090. | 1.8 | 43 |
| 94 | Stereoselectivity in the intermolecular Pauson-Khand reaction of electron-deficient terminal alkynes. Tetrahedron Letters, 2004, 45, 5387-5390. | 1.4 | 16 |
| 95 | PuPHOS: A Synthetically Useful Chiral Bidentate Ligand for the Intermolecular Pauson-Khand Reaction. Journal of Organic Chemistry, 2004, 69, 8053-8061. | 3.2 | 60 |
| 96 | 2-Piperidino-1,1,2-triphenylethanol: A Highly Effective Catalyst for the Enantioselective Arylation of Aldehydes. Journal of Organic Chemistry, 2004, 69, 2532-2543. | 3.2 | 128 |
| 97 | Design of New Hemilabile (P,S) Ligands for the Highly Diastereoselective Coordination to Alkyne Dicobalt Complexes: Application to the Asymmetric Intermolecular Pauson-Khand Reaction. Organometallics, 2003, 22, 1868-1877. | 2.3 | 59 |
| 98 | Toward the understanding of the mechanism and enantioselectivity of the Pauson-Khand reaction. Theoretical and experimental studies. Pure and Applied Chemistry, 2002, 74, 167-174. | 1.9 | 72 |
| 99 | Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of \hat{I}^{\pm}, \hat{I}^2 -Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)-Incrustoporin. Organic Letters, 2002, 4, 2381-2383. | 4.6 | 27 |
| 100 | Toward the Understanding of Mechanism and Enantioselectivity of the Pauson-Khand Reaction: Theoretical and Experimental Studies. ChemInform, 2002, 33, 270-270. | 0.0 | 1 |
| 101 | Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of \hat{I}^{\pm}, \hat{I}^2 -Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)-Incrustoporin.. ChemInform, 2002, 33, 77-77. | 0.0 | 0 |
| 102 | Asymmetric Pauson-Khand Reactions Using Camphor-Derived Chelating Thiols as Chiral Controllers. Journal of Organic Chemistry, 2001, 66, 6400-6409. | 3.2 | 45 |
| 103 | Intermolecular Pauson-Khand Reactions of Cyclopropene: A General Synthesis of Cyclopentanones. Organic Letters, 2001, 3, 3193-3196. | 4.6 | 40 |
| 104 | A New Chiral Bidentate (P,S) Ligand for the Asymmetric Intermolecular Pauson-Khand Reaction. Journal of the American Chemical Society, 2000, 122, 10242-10243. | 13.7 | 103 |
| 105 | Alkyne Dicobalt Carbonyl Complexes with Sulfide Ligands. Synthesis, Crystal Structure, and Dynamic Behavior. Organometallics, 1999, 18, 4275-4285. | 2.3 | 19 |
| 106 | A Convenient Stereoselective Synthesis of (1R,2S,3R,4S)-3-(Neopentyloxy)isoborneol. Helvetica Chimica Acta, 1998, 81, 78-84. | 1.6 | 8 |
| 107 | Amine Additives Greatly Expand the Scope of Asymmetric Hydrosilylation of Imines. Angewandte Chemie - International Edition, 1998, 37, 1103-1107. | 13.8 | 168 |
| 108 | Camphor-Derived, Chelating Auxiliaries for the Highly Diastereoselective Intermolecular Pauson-Khand Reaction: A Experimental and Computational Studies. Journal of Organic Chemistry, 1998, 63, 7037-7052. | 3.2 | 77 |

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|-----|--|------|-----------|
| 109 | Convenient Two-Step Conversion of Lactones into Cyclic Ethers. <i>Journal of Organic Chemistry</i> , 1998, 63, 2360-2361. | 3.2 | 48 |
| 110 | Titanocene-Catalyzed Reduction of Lactones to Lactols. <i>Journal of Organic Chemistry</i> , 1997, 62, 8522-8528. | 3.2 | 71 |
| 111 | Highly Enantioselective Imine Hydrosilylation Using (S,S)-Ethylenebis(1-5-tetrahydroindenyl)titanium Difluoride. <i>Journal of the American Chemical Society</i> , 1996, 118, 6784-6785. | 13.7 | 271 |
| 112 | Chiral auxiliary-induced stereocontrol in intramolecular Pauson-Khand reactions leading to angular triquinanes. <i>Tetrahedron</i> , 1996, 52, 14021-14040. | 1.9 | 28 |
| 113 | Catalytic Method for the Reduction of Lactones to Lactols. <i>Journal of the American Chemical Society</i> , 1995, 117, 12641-12642. | 13.7 | 71 |
| 114 | Practical asymmetric version of the intermolecular pauson-khand reaction. <i>Tetrahedron Letters</i> , 1994, 35, 575-578. | 1.4 | 54 |
| 115 | A convenient synthesis of hexacarbonyldicobalt complexes of chiral (non-racemic) terminal alkoxyacetylenes. <i>Journal of Organometallic Chemistry</i> , 1994, 470, C12-C14. | 1.8 | 15 |
| 116 | A Dual-Function, Highly Efficient Chiral Controller for Stereoselective Intermolecular Pauson-Khand Reactions. <i>Journal of the American Chemical Society</i> , 1994, 116, 2153-2154. | 13.7 | 106 |
| 117 | Camphor-derived alcohols as chiral auxiliaries for asymmetric Pauson-Khand bicyclizations. Enantioselective synthesis of 1±-methoxyenones. <i>Journal of Organometallic Chemistry</i> , 1992, 433, 305-310. | 1.8 | 49 |
| 118 | Regioselective ring opening of chiral epoxyalcohols by primary amines. <i>Tetrahedron Letters</i> , 1991, 32, 6931-6934. | 1.4 | 77 |
| 119 | A versatile enantiospecific approach to 3-azetidins and aziridines. <i>Tetrahedron Letters</i> , 1991, 32, 6935-6938. | 1.4 | 47 |
| 120 | Ir-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</i> , 0, , . | 2.0 | 0 |