# Sumod A Pullarkat

List of Publications by Year
in descending order



| 118 | 2,817 | 172386 | 233338 |
|---|---|---|---|
| papers | citations | 29 h-index | 45 g-index |

| 136 | 136 | 136 | 1623 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Palladium(ii)-catalyzed asymmetric hydrophosphination of enones: efficient access to chiral tertiary phosphines. Chemical Communications, 2010, 46, 6950. | 2.2 | 128 |
| 2 | Direct Synthesis of Chiral Tertiary Diphosphines via Pd(II)-Catalyzed Asymmetric Hydrophosphination of Dienones. Organic Letters, 2011, 13, 5862-5865. | 2.4 | 116 |
| 3 | Palladacycle-Catalyzed Asymmetric Hydrophosphination of Enones for Synthesis of C*- and P*-Chiral Tertiary Phosphines. Inorganic Chemistry, 2012, 51, 2533-2540. | 1.9 | 98 |
| 4 | Efficient Iridium-Thioether-Dithiolate Catalyst for Î²-Alkylation of Alcohols and Selective Imine Formation via N-Alkylation Reactions. Organometallics, 2011, 30, 6499-6502. | 1.1 | 87 |
| 5 | Unsymmetrical Î²-diketiminate magnesium(<scp>i</scp>) complexes: syntheses and application in catalytic hydroboration of alkyne, nitrile and carbonyl compounds. Organic Chemistry Frontiers, 2018, 5, 3538-3547. | 2.3 | 83 |
| 6 | Ytterbium-Catalyzed Hydroboration of Aldehydes and Ketones. Journal of Organic Chemistry, 2018, 83, 69-74. | 1.7 | 74 |
| 7 | Asymmetric Synthesis of Enaminophosphines via Palladacycle-Catalyzed Addition of Ph<sub>2</sub>PH to Î±,Î²-Unsaturated Imines. Journal of Organic Chemistry, 2012, 77, 6849-6854. | 1.7 | 71 |
| 8 | Palladacycle-Catalyzed Asymmetric Intermolecular Construction of Chiral Tertiary P-Heterocycles by Stepwise Addition of Hâ€“Pâ€“H Bonds to Bis(enones). Organometallics, 2012, 31, 4871-4875. | 1.1 | 67 |
| 9 | Recent Progress in Palladium-Catalyzed Asymmetric HydrophosÂphination. Synthesis, 2016, 48, 493-503. | 1.2 | 65 |
| 10 | Chiral Phosphapalladacycles as Efficient Catalysts for the Asymmetric Hydrophosphination of Substituted Methylidenemalonate Esters: Direct Access to Functionalized Tertiary Chiral Phosphines. Organometallics, 2012, 31, 3022-3026. | 1.1 | 63 |
| 11 | Chiral Metal Complex-Promoted Asymmetric Hydrophosphinations. Topics in Organometallic Chemistry, 2011, , 145-166. | 0.7 | 55 |
| 12 | Enantioselective Addition of Diphenylphosphine to 3â€Methylâ€4â€nitroâ€5â€alkenylisoxazoles. Advanced Synthesis and Catalysis, 2013, 355, 1403-1408. | 2.1 | 55 |
| 13 | Asymmetric 1,4-Conjugate Addition of Diarylphosphines to Î±,Î²,Î³,Î´-Unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. Organometallics, 2015, 34, 5196-5201. | 1.1 | 51 |
| 14 | Palladium catalyzed asymmetric hydrophosphination of Î±,Î²- and Î±,Î²,Î³,Î´-unsaturated malonate esters â€“ efficient control of reactivity, stereo- and regio-selectivity. Dalton Transactions, 2015, 44, 1258-1263. | 1.6 | 49 |
| 15 | Catalyst-free and Solvent-free Cyanosilylation and Knoevenagel Condensation of Aldehydes. ACS Sustainable Chemistry and Engineering, 2019, 7, 1718-1722. | 3.2 | 49 |
| 16 | Enantioselective phospha-Michael addition of diarylphosphines to Î²,Î³-unsaturated Î±-ketoesters and amides. Chemical Communications, 2014, 50, 8768-8770. | 2.2 | 46 |
| 17 | A Novel Approach toward Asymmetric Synthesis of Alcohol Functionalized C-Chiral Diphosphines via Two-Stage Hydrophosphination of Terminal Alkynols. Inorganic Chemistry, 2006, 45, 7455-7463. | 1.9 | 42 |
| 18 | Low-valent magnesium(<scp>i</scp>)-catalyzed cyanosilylation of ketones. Chemical Communications, 2018, 54, 3042-3044. | 2.2 | 42 |

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| 19 | Catalyst-free and solvent-free hydroboration of ketones. New Journal of Chemistry, 2019, 43, 10744-10749. | 1.4 | 42 |
| 20 | Highly Enantioselective Synthesis of (2-Pyridyl)phosphine Based C-Chiral Unsymmetrical P,N-Ligands Using a Chiral Palladium Complex. Organometallics, 2009, 28, 3941-3946. | 1.1 | 40 |
| 21 | One-pot Î²-alkylation of secondary alcohols with primary alcohols catalyzed by ruthenacycles. Tetrahedron Letters, 2012, 53, 1450-1455. | 0.7 | 39 |
| 22 | Versatile Syntheses of Optically Pure PCE Pincer Ligands: Facile Modifications of the Pendant Arms and Ligand Backbones. Organometallics, 2015, 34, 1582-1588. | 1.1 | 39 |
| 23 | Alkali Additives Enable Efficient Large Area (>55 cm<sup>2</sup>) Slotâ€Die Coated Perovskite Solar Modules. Advanced Functional Materials, 2022, 32, . | 7.8 | 39 |
| 24 | The synthesis and efficient one-pot catalytic â€œself-breedingâ€•of asymmetrical NC(sp<sup>3</sup>)E-hybridised pincer complexes. Chemical Communications, 2016, 52, 4211-4214. | 2.2 | 38 |
| 25 | Pdâ€Catalyzed Enantiodivergent and Regiospecific phosphaâ€Michael Addition of Diphenylphosphine to 4â€oxoâ€Enamides: Efficient Access to Chiral Phosphinocarboxamides and Their Analogues. Chemistry - A European Journal, 2015, 21, 4800-4804. | 1.7 | 35 |
| 26 | Novel Stereochemistry, Reactivity, and Stability of an Arsenic Heterocycle in a Metal-Promoted Asymmetric Cycloaddition Reaction. Inorganic Chemistry, 2007, 46, 9488-9494. | 1.9 | 34 |
| 27 | Palladacycleâ€Catalyzed Tandem Allylic Amination/Allylation Protocol for Oneâ€Pot Synthesis of 2â€Allylanilines from Allylic Alcohols. Advanced Synthesis and Catalysis, 2012, 354, 83-87. | 2.1 | 34 |
| 28 | Asymmetric Synthesis of Diphosphine Ligands Containing Phosphorus and Carbon Stereogenic Centers by Means of a Chiral Palladium Complex Promoted Hydrophosphination Reaction. Inorganic Chemistry, 2009, 48, 5535-5539. | 1.9 | 33 |
| 29 | Sterically bulky amido magnesium methyl complexes: syntheses, structures and catalysis. RSC Advances, 2017, 7, 45401-45407. | 1.7 | 33 |
| 30 | Domino cyclizationâ€“alkylation protocol for the synthesis of 2,3-functionalized indoles from o-alkynylanilines and allylic alcohols. Organic and Biomolecular Chemistry, 2012, 10, 3875. | 1.5 | 30 |
| 31 | Asymmetric Synthesis of Functionalized 1,2-Diphosphine via the Chemoselective Hydrophosphination of Coordinated Allylic Phosphines. Organometallics, 2009, 28, 780-786. | 1.1 | 29 |
| 32 | Asymmetric Synthesis of New Diphosphines and Pyridylphosphines via a Kinetic Resolution Process Promoted and Controlled by a Chiral Palladacycle. Organometallics, 2010, 29, 3374-3386. | 1.1 | 29 |
| 33 | N-Heterocyclic Carbene C,S Palladium(II) Ï€-Allyl Complexes: Synthesis, Characterization, and Catalytic Application In Allylic Amination Reactions. Organometallics, 2013, 32, 2389-2397. | 1.1 | 28 |
| 34 | Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. Chemistry - an Asian Journal, 2018, 13, 2829-2833. | 1.7 | 28 |
| 35 | Palladacycle Catalyzed Asymmetric Pï£¿H Addition of Diarylphosphines to Nâ€Enoyl Phthalimides. Chemistry - A European Journal, 2014, 20, 14514-14517. | 1.7 | 27 |
| 36 | Asymmetric Synthesis of Functionalized 1,3-Diphosphines via Chiral Palladium Complex Promoted Hydrophosphination of Activated Olefins. Inorganic Chemistry, 2010, 49, 989-996. | 1.9 | 26 |

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| 37 | Palladium Template Promoted Asymmetric Synthesis of 1,2-Diphosphines by Hydrophosphination of Functionalized Allenes. Organometallics, 2010, 29, 536-542. | 1.1 | 26 |
| 38 | Metal Effects on the Asymmetric Cycloaddition Reaction between 3,4-Dimethyl-1-phenylarsole and Diphenylvinylphosphine Oxide. Organometallics, 2009, 28, 4886-4889. | 1.1 | 25 |
| 39 | Mechanistic insights into the role of PC- and PCP-type palladium catalysts in asymmetric hydrophosphination of activated alkenes incorporating potential coordinating heteroatoms. Dalton Transactions, 2016, 45, 13449-13455. | 1.6 | 25 |
| 40 | Chiral cyclopalladated complex promoted asymmetric synthesis of diester-substituted P,N-ligands via stepwise hydrophosphination and hydroamination reactions. Dalton Transactions, 2012, 41, 5391. | 1.6 | 24 |
| 41 | A tandem Heckâ€“aza-Michael addition protocol for the one-pot synthesis of isoindolines from unprotected amines. Organic and Biomolecular Chemistry, 2012, 10, 6600. | 1.5 | 24 |
| 42 | Copper(II) Triflate Catalyzed Allylic Arylation of Allylic Alcohols: Direct and Selective Access to Câ€Allylanilines. ChemCatChem, 2013, 5, 3882-3888. | 1.8 | 24 |
| 43 | Catalytic Asymmetric Diarylphosphine Addition to Î±-Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P*â€”N Bond Formation. Journal of Organic Chemistry, 2020, 85, 14763-14771. | 1.7 | 24 |
| 44 | Evaluation of Palladacycles as a Nonâ€Rhodium Based Alternative for the Asymmetric Conjugate 1,4â€Addition of Arylboronic Acids to Î±,Î²â€Unsaturated Enones. Advanced Synthesis and Catalysis, 2014, 356, 3391-3400. | 2.1 | 23 |
| 45 | Enantioselective Dielsâ€™Alder Reaction of 3-Diphenylphosphinofuran with 1-Phenyl-3,4-dimethylphosphole and Subsequent Synthetic Manipulations of the Cycloadduct. Organometallics, 2009, 28, 6254-6259. | 1.1 | 22 |
| 46 | Steric effects on the control of endo/exo-selectivity in the asymmetric cycloaddition reaction of 3,4-dimethyl-1-phenylarsole. Dalton Transactions, 2010, 39, 5453. | 1.6 | 22 |
| 47 | Stereoelectronic and Catalytic Properties of Chiral Cyclometalated Phospha-palladium and -platinum Complexes. Organometallics, 2014, 33, 6053-6058. | 1.1 | 22 |
| 48 | Asymmetric Construction of a Ferrocenyl Phosphapalladacycle from Achiral Enones and a Demonstration of Its Catalytic Potential. Organometallics, 2014, 33, 5074-5076. | 1.1 | 20 |
| 49 | Grignard reagents-catalyzed hydroboration of aldehydes and ketones. Tetrahedron, 2020, 76, 131145. | 1.0 | 20 |
| 50 | Asymmetric synthesis of a chiral hetero-bidentate Asâ€“P ligand containing both As and P-stereogenic centres. Journal of Organometallic Chemistry, 2008, 693, 3289-3294. | 0.8 | 19 |
| 51 | Asymmetric synthesis of 1,2-bis(diphenylphosphino)-1-phenylethane via a chiral palladium template promoted hydrophosphination reaction. Journal of Organometallic Chemistry, 2009, 694, 3500-3505. | 0.8 | 19 |
| 52 | Novel Synthesis of Chiral 1,3-Diphosphines via Palladium Template Promoted Hydrophosphination and Functional Group Transformation Reactions. Organometallics, 2010, 29, 3582-3588. | 1.1 | 19 |
| 53 | Asymmetric Catalytic 1,2â€Dihydrophosphination of Secondary 1,2â€Diphosphines â€“ Direct Access to Free P*â€•and P*,C*â€Diphosphines. Advanced Synthesis and Catalysis, 2020, 362, 2373-2378. | 2.1 | 19 |
| 54 | Design, Synthesis, and Stereochemical Evaluation of a Novel Chiral Amineâ€“Palladacycle. European Journal of Inorganic Chemistry, 2008, 2008, 1880-1891. | 1.0 | 18 |

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| 55 | Rational Design of a Novel Chiral Palladacycle: Synthesis, Optical Resolution, and Stereochemical Evaluation. European Journal of Inorganic Chemistry, 2009, 2009, 267-276. | 1.0 | 17 |
| 56 | Novel Enantioselective Synthesis of Functionalized Pyridylarsanes by a Chiral Palladium Template Promoted Asymmetric Hydroarsanation Reaction. European Journal of Inorganic Chemistry, 2009, 2009, 4134-4140. | 1.0 | 17 |
| 57 | Synthesis and Characterisation of a Novel Chiral Bidentate Pyridine-N-Heterocyclic Carbene-Based Palladacycle. European Journal of Inorganic Chemistry, 2010, 2010, 1413-1418. | 1.0 | 17 |
| 58 | Asymmetric hydroarsination reactions toward synthesis of alcohol functionalised C-chiral Asâ€“P ligands promoted by chiral cyclometallated complexes. Journal of Organometallic Chemistry, 2012, 696, 4215-4220. | 0.8 | 17 |
| 59 | Efficient and stereoselective synthesis of monomeric and bimetallic pincer complexes containing Pd-bonded stereogenic carbons. RSC Advances, 2016, 6, 75951-75959. | 1.7 | 17 |
| 60 | Asymmetric synthesis of a P-chiral heteroditopic ligand via chiral metal template promoted cycloaddition between 3,4-dimethyl-1-phenylphosphole and its sulfonated analog. Journal of Organometallic Chemistry, 2006, 691, 3083-3088. | 0.8 | 16 |
| 61 | Development of a novel chiral palladacycle and its application in asymmetric hydrophosphination reaction. Dalton Transactions, 2014, 43, 5777-5784. | 1.6 | 16 |
| 62 | Nickel catalyzed enantioselective hydroarsination of nitrostyrene. Chemical Communications, 2017, 53, 6307-6310. | 2.2 | 16 |
| 63 | Organoplatinum Complex Promoted the Asymmetric Endo Stereochemically Controlled Dielsâ˜Alder Reaction between 3-Diphenylphosphinofuran and Diphenylvinylphosphine. Inorganic Chemistry, 2009, 48, 11394-11398. | 1.9 | 15 |
| 64 | Synthesis of a Chiral Palladacycle and Its Application in Asymmetric Hydrophosphanation Reactions. European Journal of Inorganic Chemistry, 2010, 2010, 4427-4437. | 1.0 | 15 |
| 65 | Synthesis, Structural Characterisation and Stereochemical Investigation of Chiral Sulfurâ€Functionalised Nâ€Heterocyclic Carbene Complexes of Palladium and Platinum. Chemistry - A European Journal, 2013, 19, 5468-5475. | 1.7 | 15 |
| 66 | Synthesis of Stereoprojecting, Chiral N-C(sp<sup>3</sup>)-E Type Pincer Complexes. Organometallics, 2018, 37, 2272-2285. | 1.1 | 15 |
| 67 | Investigating palladium pincer complexes in catalytic asymmetric hydrophosphination and hydroarsination. Dalton Transactions, 2019, 48, 4602-4610. | 1.6 | 15 |
| 68 | Enantioselective, Highâ€Yielding Synthesis of Alcoholâ€Functionalized Diphosphanes Utilizing Asymmetric Control with a Chiral Auxiliary. European Journal of Inorganic Chemistry, 2009, 2009, 2375-2382. | 1.0 | 14 |
| 69 | Controllable synthesis of P-chiral 1,2- and 1,3-diphosphines via asymmetric Dielsâ€“Alder reactions involving functionalized allylic phosphines as dienophiles. Dalton Transactions, 2009, , 3668. | 1.6 | 14 |
| 70 | Palladacycle promoted asymmetric hydrophosphination of Î±,Î²-unsaturated sulfonyl fluorides. Journal of Organometallic Chemistry, 2019, 899, 120912. | 0.8 | 14 |
| 71 | Evaluation of ferrocenyl phosphines as potent antimalarialstargeting the digestive vacuole function ofPlasmodium falciparum. Dalton Transactions, 2019, 48, 1108-1117. | 1.6 | 14 |
| 72 | Catalytic Approach toward Chiral P,N-Chelate Complexes Utilizing the Asymmetric Hydrophosphination Protocol. Inorganic Chemistry, 2020, 59, 3874-3886. | 1.9 | 14 |

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| 73 | Synthesis, Coordination Characteristics, Conformational Behavior, and Bond Reactivity Studies of a Novel Chiral Phosphapalladacycle Complex. Organometallics, 2009, 28, 4358-4370. | 1.1 | 12 |
| 74 | Stereogenic Lock in 1-Naphthylethanamine Complexes for Catalyst and Auxiliary Design: Structural and Reactivity Analysis for Cycloiridated Pseudotetrahedral Complexes. Organometallics, 2018, 37, 99-106. | 1.1 | 12 |
| 75 | Asymmetric Synthesis of P-Stereogenic Homo- and Heterobimetallic Complexes via Selective Monoinsertion of Dialkynylphosphine into the Pdâ^'C Bond of a Palladacycle. Organometallics, 2011, 30, 1530-1550. | 1.1 | 11 |
| 76 | Synthesis of Homoâ€•and Heteroâ€Bimetallic Arsenic Complexes by Means of Regioselective Monoinsertion of Alkynylarsane into the Pdâ€“C Bond of a Palladacycle. European Journal of Inorganic Chemistry, 2011, 2011, 3111-3121. | 1.0 | 11 |
| 77 | Inducing thermoreversible optical transitions in urethane-acrylate systems via ionic liquid incorporation for stretchable smart devices. Journal of Materials Chemistry A, 2021, 9, 13615-13624. | 5.2 | 11 |
| 78 | Synthesis, Spectral, Thermal and CO2 Absorption Studies on Birnessites Type Layered MnO6 Oxide. Transition Metal Chemistry, 2006, 31, 429-433. | 0.7 | 10 |
| 79 | Synthesis, Optical Resolution, and Stereochemical Properties of a Rationally Designed Chiral Câ€“N Palladacycle. Organometallics, 2014, 33, 930-940. | 1.1 | 10 |
| 80 | A One-Pot Diastereoselective Self Assembly of C-Stereogenic Copper(I) Diphosphine Clusters. Inorganic Chemistry, 2014, 53, 10232-10239. | 1.9 | 10 |
| 81 | Efficient access to a designed phosphapalladacycle catalyst via enantioselective catalytic asymmetric hydrophosphination. Dalton Transactions, 2017, 46, 1311-1316. | 1.6 | 10 |
| 82 | Câ^'As Bond Formation Reactions for the Preparation of Organoarsenic(III) Compounds. Chemistry - an Asian Journal, 2020, 15, 2428-2436. | 1.7 | 10 |
| 83 | Access to a Chiral Phosphineâ€“NHC Palladium(II) Complex via the Asymmetric Hydrophosphination of Achiral Vinyl Azoles. Organometallics, 2021, 40, 2118-2122. | 1.1 | 10 |
| 84 | Palladium-promoted asymmetric cycloaddition reaction of arsole via an unusual exoâ€“endo stereochemically controlled method. Journal of Organometallic Chemistry, 2014, 756, 34-37. | 0.8 | 9 |
| 85 | Palladacycle promoted base controlled regio- and enantioselective hydrophosphination of 2-pyridylacrylate/amide and the cytotoxicity of their gold complexes. Dalton Transactions, 2015, 44, 17557-17564. | 1.6 | 9 |
| 86 | Template effects on the asymmetric cycloaddition reaction between 3,4-dimethyl-1-phenylarsole and diphenylvinylphosphine and their arsenic elimination reaction. Journal of Organometallic Chemistry, 2009, 694, 1929-1933. | 0.8 | 8 |
| 87 | Reactivity of Cycloplatinated Amine Complexes: Intramolecular Câ€“C Bond Formation, Câ€“H Activation, and PPh<sub>2</sub> Migration in Coordinated Alkynylphosphines. Organometallics, 2012, 31, 8407-8413. | 1.1 | 8 |
| 88 | Asymmetric synthesis of a chiral diarsine ligand via a cycloaddition reaction between 3,4-dimethyl-1-phenylarsole and diphenylvinylarsine. Tetrahedron: Asymmetry, 2014, 25, 1100-1103. | 1.8 | 8 |
| 89 | Computational and carbon-13 NMR studies of Ptâ€“C bonds in Pâ€“Câ€“P pincer complexes. Dalton Transactions, 2016, 45, 2095-2101. | 1.6 | 8 |
| 90 | Triflic-Acid-Catalyzed Tandem Allylic Substitutionâ€“Cyclization Reaction of Alcohols with Thiophenolsâ€”Facile Access to Polysubstituted Thiochromans. ACS Omega, 2018, 3, 8945-8951. | 1.6 | 8 |

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| 91 | Metal Effects on the Asymmetric Synthesis of a New Heterobidentate As/P=S Ligand. European Journal of Inorganic Chemistry, 2010, 2010, 1865-1871. | 1.0 | 7 |
| 92 | Syntheses of Bimetallic Zwitterionic Complexes Containing Stereogenic Bifunctionalized Phosphine through Stepwise Insertion and Hydration Reactions. Organometallics, 2010, 29, 893-903. | 1.1 | 7 |
| 93 | Chiral palladacycle promoted asymmetric synthesis of functionalized bis-phosphine monoxide ligand. Journal of Organometallic Chemistry, 2011, 696, 709-714. | 0.8 | 7 |
| 94 | Access to C-Stereogenic PN(sp<sup>2</sup>)P Pincer Ligands via Phosphapalladacycle Catalyzed Asymmetric Hydrophosphination. Organometallics, 2021, 40, 682-692. | 1.1 | 7 |
| 95 | Bis(allyl)ruthenium(iv)-initiated S - S and C - S Bond Cleavages in Tetraalkylthiuram Sulfides. Formation and X-ray Crystal Structures of Dithiocarbamato Complexes. Australian Journal of Chemistry, 2009, 62, 1537. | 0.5 | 6 |
| 96 | Synthesis and Characterization of Conformationally Rigid Chiral Pyridineâ€“Nâ€Heterocyclic Carbeneâ€Based Palladacycles with an Unexpected Pdâ€“N Bond Cleavage. Chirality, 2013, 25, 149-159. | 1.3 | 6 |
| 97 | Mechanistic Insights into the PdII-Catalyzed ChemoselectiveN-Demethylation vs. Cyclometalation Reactivity Pathways in 1-Aryl-N,N-dimethylethanamines. European Journal of Inorganic Chemistry, 2014, 2014, 5046-5052. | 1.0 | 6 |
| 98 | Tandem double hydrophosphination of Î±,Î²,Î³,Î´-unsaturated-1,3-indandiones: diphosphine synthesis, mechanistic investigations and coordination chemistry. Chemical Communications, 2019, 55, 10936-10939. | 2.2 | 6 |
| 99 | Palladacycle mediated synthesis of cyano-functionalized chiral 1,2-diphosphine and subsequent functional group transformations. Journal of Organometallic Chemistry, 2011, 696, 905-912. | 0.8 | 5 |
| 100 | Highly Regioselective Introduction of Aryl Substituents via Asymmetric 1,4-Addition of Boronic Acids to Linear Î±,Î²,Î³,Î´-Unsaturated Ketones. Synlett, 2016, 27, 254-258. | 1.0 | 5 |
| 101 | Catalytic asymmetric synthesis of Pt- and Pd-PCP pincer complexes bearing a para-N pyridinyl backbone. Journal of Organometallic Chemistry, 2018, 862, 22-27. | 0.8 | 5 |
| 102 | Efficient Synthesis of Malonate Functionalized Chiral Phosphapalladacycles and their Catalytic Evaluation in Asymmetric Hydrophosphination of Chalcone. European Journal of Inorganic Chemistry, 2018, 2018, 4385-4390. | 1.0 | 5 |
| 103 | Screening of ferrocenylâ€“phosphines identifies a gold-coordinated derivative as a novel anticancer agent for hematological malignancies. RSC Advances, 2018, 8, 28960-28968. | 1.7 | 5 |
| 104 | Catalytic and Mechanistic Developments of the Nickel(II) Pincer Complexâ€Catalyzed Hydroarsination Reaction. Chemistry - A European Journal, 2019, 25, 11308-11317. | 1.7 | 5 |
| 105 | Chelating Phosphineâ€“N-Heterocyclic Carbene Platinum Complexes via Catalytic Asymmetric Hydrophosphination and Their Cytotoxicity Toward MKN74 and MCF7 Cancer Cell Lines. Inorganic Chemistry, 2021, 60, 17276-17287. | 1.9 | 5 |
| 106 | Intermolecular Insertion of Dialkynylphosphanes into the M-C Bond of Cyclopalladated Rings through Activation by Cyclometallated Amines. European Journal of Inorganic Chemistry, 2012, 2012, 1823-1831. | 1.0 | 4 |
| 107 | Stability and Reactivity of Cyclometallated Naphthylamine Complexes in Pdâ€“C Bond Insertion Reactions with Coordinated Alkynylphosphanes. European Journal of Inorganic Chemistry, 2013, 2013, 5487-5494. | 1.0 | 4 |
| 108 | Palladacyclo-promoted asymmetric hydrophosphination reaction between diphenylphosphine and 2-ethynylpyridine. Journal of Organometallic Chemistry, 2016, 801, 1-5. | 0.8 | 4 |

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| 109 | Challenges in cyclometalation: steric effects leading to competing pathways and Î·<sup>1</sup>,Î·<sup>2</sup>-cyclometalated iridium(<scp>iii</scp>) complexes. Dalton Transactions, 2018, 47, 13046-13051. | 1.6 | 4 |
| 110 | Air-stable phosphine organocatalysts for the hydroarsination reaction. Journal of Organometallic Chemistry, 2020, 914, 121216. | 0.8 | 4 |
| 111 | Catalytic Asymmetric Hydrophosphination as a Valuable Tool to Access Dihydrophosphinated Curcumin and Its Derivatives. Organometallics, 2021, 40, 3454-3461. | 1.1 | 4 |
| 112 | Kinetic resolution of racemic 5-alkylcyclohexenones via Pd(<scp>ii</scp>)-catalyzed 1,4-additions of arylboronic acids â€“ access to trans 3-alkyl-5-arylcyclohexanones. Organic Chemistry Frontiers, 2015, 2, 1059-1065. | 2.3 | 3 |
| 113 | Divergent Reactivity of Phosphapalladacycles toward Eâ€“H (E = N, P, As) Bonds. Organometallics, 2020, 39, 182-188. | 1.1 | 3 |
| 114 | Metal Effects on the Asymmetric Cycloaddition Reaction between 3,4-Dimethyl-1-phenylphosphole and Sulfoxide. Organometallics, 2015, 34, 5081-5087. | 1.1 | 2 |
| 115 | Chemoselective Synthesis and Evaluation of Î²-Oxovinylarsines as an Arsenic Synthetic Precursor. Organometallics, 2020, 39, 271-278. | 1.1 | 2 |
| 116 | Catalytic access to ferrocenyl phosphines bearing both planar and central chirality â€“ A kinetic resolution approach via catalytic asymmetric P(III)â€“C bond formation. Tetrahedron, 2020, 76, 131259. | 1.0 | 2 |
| 117 | New thioetherâ€“dithiolate complexes of Cpâ^—Ir and some reactivity features. Journal of Organometallic Chemistry, 2012, 696, 4207-4214. | 0.8 | 1 |
| 118 | Metal effects on the asymmetric syntheses of chiral Pâ^'N bidentate ligands. Journal of Organometallic Chemistry, 2016, 824, 99-103. | 0.8 | 0 |