

Imre Tã³th

List of Publications by Year in descending order

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39
papers

1,699
citations

218677

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302126

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times ranked

733
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Palladium-catalyzed aryloxy- and alkoxyacylation of aromatic iodides in Î³-valerolactone as bio-based solvent. <i>Journal of Organometallic Chemistry</i> , 2020, 923, 121407. | 1.8 | 18 |
| 2 | Towards Sustainable Catalysis â€“ Highly Efficient Olefin Metathesis in Protic Media Using Phase Labelled Cyclic Alkyl Amino Carbene (CAAC) Ruthenium Catalysts. <i>ChemCatChem</i> , 2020, 12, 1953-1957. | 3.7 | 30 |
| 3 | Oneâ€pot Synthesis of 1,3â€Butadiene and 1,6â€Hexanediol Derivatives from Cyclopentadiene (CPD) via Tandem Olefin Metathesis Reactions. <i>ChemCatChem</i> , 2018, 10, 4870-4877. | 3.7 | 1 |
| 4 | Metathesis of renewable polyene feedstocks â€“ Indirect evidences of the formation of catalytically active ruthenium allylidene species. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 213-217. | 1.8 | 6 |
| 5 | Efficient stereochemical communication in phosphine-amine palladium-complexes: Exploration of N-substituent effects in coordination chemistry and catalysis. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 129-140. | 1.8 | 12 |
| 6 | Synthesis of 1,6-Hexanediol, Polyurethane Monomer Derivatives via Isomerization Metathesis of Methyl Linolenate. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11215-11220. | 6.7 | 15 |
| 7 | Synthesis of new N-substituted chiral phosphineâ€phosphoramidite ligands and their application in asymmetric hydrogenations and allylic alkylations. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 666-673. | 1.8 | 11 |
| 8 | Synthesis of hemilabile P,N-ligands with a pentane-2,4-diyl backbone. <i>Tetrahedron Letters</i> , 2014, 55, 4120-4122. | 1.4 | 12 |
| 9 | Mechanism of the Pyridine-Modified Cobalt-Catalyzed Hydromethoxycarbonylation of 1,3-Butadiene. <i>Organometallics</i> , 2003, 22, 1582-1584. | 2.3 | 30 |
| 10 | Highly Selective Hydroformylation of the Cinchona Alkaloids. <i>Journal of Organic Chemistry</i> , 2002, 67, 5022-5024. | 3.2 | 17 |
| 11 | Asymmetric hydroformylation of styrene using rhodium and platinum complexes of diphosphites containing chiral chelate backbones and chiral 1,3,2-dioxaphosphorinane moieties. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3135-3142. | 1.8 | 34 |
| 12 | Alternative supported aqueous-phase catalyst systems. <i>Journal of Molecular Catalysis A</i> , 1997, 116, 217-229. | 4.8 | 48 |
| 13 | Chiral sulfonated phosphines. Rhodium(I)-catalyzed asymmetric hydrogenolysis of epoxides. <i>Journal of Molecular Catalysis A</i> , 1997, 116, 85-97. | 4.8 | 28 |
| 14 | Synthesis of Pt compounds containing chiral (2S,4S) -pentane-2,4-diyl-bis(5H-dibenzo[b]phosphindole) as ligand and their use in asymmetric hydroformylation of styrene derivatives. <i>Journal of Organometallic Chemistry</i> , 1997, 540, 15-25. | 1.8 | 41 |
| 15 | Additions and Corrections - Influence of the Reaction Temperature on the Enantioselection of Styrene Hydroformylation Catalyzed by PtCl(SnCl ₃) Complexes of p-Aryl-Substituted Chiral Ligands. <i>Organometallics</i> , 1994, 13, 1537-1537. | 2.3 | 2 |
| 16 | CO Insertion in Four-Coordinate cis-Methyl(carbonyl)platinum-Diphosphine Compounds. An Ionic Mechanism for Platinum-Diphosphine-Catalyzed Hydroformylation. <i>Inorganic Chemistry</i> , 1994, 33, 5708-5712. | 4.0 | 64 |
| 17 | Formation of Dinuclear Palladium(I) Hydride [Pd ₂ (.mu.-H)(.mu.-CO){(S,S)-BDPP} ₂]Cl by Methanolysis or Hydrolysis of Pd(COMe)(Cl){(S,S)-BDPP} {(S,S)-BDPP = (2S,4S)-2,4-Bis(diphenylphosphino)pentane}. <i>Organometallics</i> , 1994, 13, 2118-2122. | 2.3 | 44 |
| 18 | Synthesis and carbonylation of [Pd(Me)(OMe){(S,S)-bdpp}][(S,S)-bdpp = (2S,4S)-2,4-bis(diphenylphosphino)pentane]. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 529-531. | 2.0 | 28 |

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|----|--|------|-----------|
| 19 | Water-soluble electron-donating phosphines: sulfonation of tris(.omega.-phenylalkyl)phosphines. <i>Organometallics</i> , 1993, 12, 164-170. | 2.3 | 59 |
| 20 | NMR studies of the structures of p-aryl-substituted chiral ligands in rhodium(I) and platinum(II) complexes. <i>Organometallics</i> , 1993, 12, 1506-1513. | 2.3 | 22 |
| 21 | Influence of the reaction temperature on the enantioselection of styrene hydroformylation catalyzed by PtCl(SnCl ₃) complexes of p-aryl-substituted chiral ligands. <i>Organometallics</i> , 1993, 12, 848-852. | 2.3 | 73 |
| 22 | Synthesis and identification by high-pressure NMR spectroscopy of the cationic square-planar cis-methyl(carbonyl)palladium diphosphine compound [Pd(CH ₃)(CO)[(S,S)-BDPP]]BF ₄ , an intermediate in CO insertion into the Pd-Me bond. <i>Journal of the American Chemical Society</i> , 1993, 115, 10388-10389. | 13.7 | 95 |
| 23 | Immobilization of rhodium complexes of amine-functionalized BDPP and chiraphos on a soluble form of the strongly acidic Nafion-H cation exchange resin. <i>Journal of Molecular Catalysis</i> , 1992, 71, 365-371. | 1.2 | 30 |
| 24 | Hydroformylation of 1-hexene with Pt(P(m-C ₆ H ₄ SO ₃ Na) ₃) ₂ Cl ₂ and its tin chloride analogue on a controlled-pore glass. <i>Journal of Molecular Catalysis</i> , 1991, 70, 363-368. | 1.2 | 35 |
| 25 | Bis[tris(m(sodium sulfonato)phenyl)phosphine] hexacarbonyl dicobalt, Co ₂ (CO) ₆ (P(m-C ₆ H ₄ SO ₃ Na) ₃) ₂ , in a supported aqueous phase for the hydroformylation of 1-hexene. <i>Journal of Organometallic Chemistry</i> , 1991, 403, 221-227. | 1.8 | 54 |
| 26 | Immobilization of HRh(CO)(P(m-C ₆ H ₄ SO ₃ Na) ₃) ₃ on an anion exchange resin for the hydroformylation of higher olefins. <i>Catalysis Letters</i> , 1991, 8, 209-214. | 2.6 | 23 |
| 27 | Enantioselective two-phase hydrogenation of ?-amino acid precursors with water soluble rhodium complexes of the cationic ligand (S,S)-2,4-bis[bis-(p-N,N,N-trimethylammoniumphenyl)phosphino]pentane, | | |

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|----|---|-----|-----------|
| 37 | A facile method for the preparation of 2,4-bis(diphenylphosphino)pentane (BDPP) enantiomers and their application in asymmetric hydrogenation. <i>Journal of Organometallic Chemistry</i> , 1985, 279, 23-29. | 1.8 | 146 |
| 38 | Asymmetric hydrogenation using chiral phosphinite rhodium complexes. <i>Tetrahedron Letters</i> , 1984, 25, 4965-4966. | 1.4 | 22 |
| 39 | Use of heterogeneous asymmetric hydrogenation for the preparation of a chiral phosphinite and its application as a ligand in homogeneous asymmetric hydrogenation. <i>Journal of Organic Chemistry</i> , 1981, 46, 5427-5428. | 3.2 | 47 |