

Ismail Ozdemir

List of Publications by Year in descending order

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316
papers

7,099
citations

81743

39
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128067

60
g-index

320
all docs

320
docs citations

320
times ranked

4028
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis, characterization, crystal structure, Hirshfeld surface analysis, and theoretical study on a <i>N</i> -heterocyclic carbene salt and two NHC-palladium complexes. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 493-504. | 0.9 | 0 |
| 2 | Highly Active Fe ₃ O ₄ @SBA-15@NHC-Pd Catalyst for Suzuki-Miyaura Cross-Coupling Reaction. <i>Catalysis Letters</i> , 2022, 152, 1621-1638. | 1.4 | 11 |
| 3 | Synthesis of Quinoxaline-Linked Bis(Benzimidazolium) Salts and Their Catalytic Application in Palladium-Catalyzed Direct Arylation of Heteroarenes. <i>Catalysis Letters</i> , 2022, 152, 2012-2024. | 1.4 | 2 |
| 4 | New benzimidazolium <i>N</i> -heterocyclic carbene precursors and their related Pd-NHC complex PEPPSI-type: Synthesis, structures, DFT calculations, biological activity, docking study, and catalytic application in the direct arylation. <i>Journal of Molecular Structure</i> , 2022, 1248, 131504. | 1.8 | 12 |
| 5 | Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties. <i>Bioorganic Chemistry</i> , 2022, 120, 105566. | 2.0 | 26 |
| 6 | Substituted <i>N</i> -heterocyclic carbene PEPPSI-type palladium complexes with different <i>N</i> -coordinated ligands: Involvement in the direct C-H bond activation of heteroarenes derivatives with aryl bromide and their antimicrobial, anti-inflammatory and antioxidant activities. <i>Inorganica Chimica Acta</i> , 2022, 532, 120747. | 1.2 | 13 |
| 7 | Synthesis, molecular docking, and biological evaluation of 5-alkyl(aryl)-isobutylthiazole derivatives: As α -amylase, α -glucosidase, and protein kinase inhibitors. <i>Applied Organometallic Chemistry</i> , 2022, 36, . | 1.7 | 5 |
| 8 | Cyanopropyl functionalized benzimidazolium salts and their silver <i>N</i> -heterocyclic carbene complexes: Synthesis, antimicrobial activity, and theoretical analysis. <i>Archiv Der Pharmazie</i> , 2022, 355, e2200041. | 2.1 | 9 |
| 9 | Crystal structure, optical properties, spectroscopic characterization and density functional theory studies of a new rhodium(i)-imidazolidin-2-ylidene complexes: Synthesis, characterization and cytotoxic properties. <i>Inorganica Chimica Acta</i> , 2022, 537, 120936. | 1.2 | 3 |
| 10 | Ruthenium(II) complexes bearing benzimidazole-based <i>N</i> -heterocyclic carbene (NHC) ligands as potential antimicrobial, antioxidant, enzyme inhibition, and antiproliferative agents. <i>Journal of Coordination Chemistry</i> , 2022, 75, 645-667. | 0.8 | 9 |
| 11 | Synthesis, spectroscopic characterization and antimicrobial properties of silyl-tethered benzimidazolium salts. <i>Journal of Molecular Structure</i> , 2022, 1264, 133308. | 1.8 | 4 |
| 12 | Benzimidazole-based <i>N</i> -heterocyclic carbene silver complexes as catalysts for the formation of carbonates from carbon dioxide and epoxides. <i>Molecular Catalysis</i> , 2022, 526, 112369. | 1.0 | 2 |
| 13 | Synthesis, crystal structures, DFT calculations, and catalytic application in hydrosilylation of acetophenone derivatives with triethylsilane of novel rhodium- <i>N</i> -heterocyclic carbene (NHCs) complex. <i>Journal of Molecular Structure</i> , 2022, 1265, 133397. | 1.8 | 6 |
| 14 | Synthesis, <i>in vitro</i> anticancer activities, and quantum chemical investigations on 1,3-bis-(2-methyl-2-propenyl)benzimidazolium chloride and its Ag(I) complex. <i>Journal of Chemical Research</i> , 2021, 45, 596-607. | 0.6 | 4 |
| 15 | Synthesis, characterization and catalytic activity of PEPPSI-type palladium-NHC complexes. <i>Inorganica Chimica Acta</i> , 2021, 515, 120043. | 1.2 | 13 |
| 16 | Water-soluble silver(i) complexes with <i>N</i> -donor benzimidazole ligands containing an imidazolium core: stability and preliminary biological studies. <i>Dalton Transactions</i> , 2021, 50, 11596-11603. | 1.6 | 10 |
| 17 | Rhodium(i) <i>N</i> -heterocyclic carbene complexes: synthesis and cytotoxic properties. <i>New Journal of Chemistry</i> , 2021, 45, 5176-5183. | 1.4 | 5 |
| 18 | Experimental and quantum mechanical investigation on two <i>N</i> -heterocyclic carbene palladium complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2021, 714, 26-36. | 0.4 | 1 |

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|----|--|-----|-----------|
| 19 | Half-sandwich Ru(II) arene complexes bearing benzimidazole ligands for the N-alkylation reaction of aniline with alcohols in a solvent-free medium. <i>New Journal of Chemistry</i> , 2021, 45, 11075-11085. | 1.4 | 9 |
| 20 | Pd-N-heterocyclic carbene complex catalysed C-H bond activation of 2-isobutylthiazole at the C5 position with aryl bromides. <i>New Journal of Chemistry</i> , 2021, 45, 6281-6292. | 1.4 | 10 |
| 21 | Palladium-PEPPSI-NHC Complexes Bearing Imidazolidin-2-ylidene Ligand: Efficient Precatalysts for the Direct C5-Arylation of N-Methylpyrrole-2-Carboxaldehyde. <i>Catalysis Letters</i> , 2021, 151, 3197-3212. | 1.4 | 10 |
| 22 | Pd-PEPPSI: X-ray Structure, Spectroscopic Analyses, and Quantum Mechanical Studies. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, S84-S92. | 0.1 | 1 |
| 23 | The first use of [PdBr ₂ (imidazolidin-2-ylidene)(pyridine)] catalysts in the direct C-H bond arylation of C2-substituted furan and thiophene. <i>Research on Chemical Intermediates</i> , 2021, 47, 2821-2843. | 1.3 | 7 |
| 24 | C H Bond activation of 2-isobutylthiazole at C5 position catalysed by Pd-N-heterocyclic carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2021, 937, 121730. | 0.8 | 7 |
| 25 | Synthesis of [PdBr ₂ (benzimidazole-2-ylidene)(pyridine)] complexes and their catalytic activity in the direct C H bond activation of 2-substituted heterocycles. <i>Polyhedron</i> , 2021, 199, 115091. | 1.0 | 3 |
| 26 | Ru(II)-NHC catalysed N-Alkylation of amines with alcohols under solvent-free conditions. <i>Inorganica Chimica Acta</i> , 2021, 520, 120294. | 1.2 | 11 |
| 27 | A new PEPPSI type N-heterocyclic carbene palladium(II) complexes and its efficiency as a catalyst for Mizoroki-Heck cross-coupling reactions in water: Synthesis, Characterization and their antimicrobial and Cytotoxic activities. <i>Journal of Molecular Structure</i> , 2021, 1234, 130204. | 1.8 | 9 |
| 28 | Silver-N-heterocyclic carbene complexes catalyzed multicomponent reactions: Synthesis, spectroscopic characterization, density functional theory calculations, and antibacterial study. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100111. | 2.1 | 13 |
| 29 | N-heterocyclic carbene Pd(II) complex supported on Fe ₃ O ₄ @SiO ₂ : Highly active, reusable and magnetically separable catalyst for Suzuki-Miyaura cross-coupling reactions in aqueous media. <i>Journal of Organometallic Chemistry</i> , 2021, 943, 121823. | 0.8 | 23 |
| 30 | PEPPSI type complexes: Synthesis, x-ray structures, spectral studies, molecular docking and theoretical investigations. <i>Polyhedron</i> , 2021, 204, 115281. | 1.0 | 20 |
| 31 | New silver N-heterocyclic carbenes complexes: Synthesis, molecular docking study and biological activities evaluation as cholinesterase inhibitors and antimicrobials. <i>Journal of Molecular Structure</i> , 2021, 1238, 130399. | 1.8 | 9 |
| 32 | Silver (I)-N-heterocyclic carbene complexes: Synthesis and characterization, biological evaluation of Anti-Cholinesterase, anti-alpha-amylase, anti-lipase, and antibacterial activities, and molecular docking study. <i>Inorganica Chimica Acta</i> , 2021, 525, 120486. | 1.2 | 12 |
| 33 | Amine-functionalized benzimidazolium salts: Synthesis, structural characterization, hirshfeld surface analysis and theoretical studies. <i>Journal of Molecular Structure</i> , 2021, 1239, 130460. | 1.8 | 4 |
| 34 | Synthesis, crystal structures and catalytic activities of palladium complexes with coumarin-functionalised N-heterocyclic carbene ligands. <i>Inorganic Chemistry Communication</i> , 2021, 131, 108755. | 1.8 | 5 |
| 35 | The direct C(sp ²)-H functionalization and coupling of aromatic N-heterocycles with (hetero)aryl bromides by [PdX ₂ (imidazolidin-2-ylidene)(Py)] catalysts. <i>Journal of Organometallic Chemistry</i> , 2021, 951, 122013. | 0.8 | 8 |
| 36 | Direct arylation (hetero-coupling) of heteroarenes via unsymmetrical palladium-PEPPSI-NHC type complexes. <i>Polyhedron</i> , 2021, 208, 115412. | 1.0 | 8 |

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|----|---|-----|-----------|
| 37 | Synthesis of new Pd(NHC)-PEPPSI type complexes as catalysts toward C-C cross-coupling reactions. <i>Journal of Molecular Structure</i> , 2021, 1243, 130883. | 1.8 | 6 |
| 38 | Antimicrobial activity, inhibition of biofilm formation, and molecular docking study of novel Ag-NHC complexes. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122082. | 0.8 | 10 |
| 39 | Iridium(κ^1) complexes bearing hemilabile coumarin-functionalised N-heterocyclic carbene ligands with application as alkyne hydrosilylation catalysts. <i>Dalton Transactions</i> , 2021, 50, 11206-11215. | 1.6 | 8 |
| 40 | Synthesis, structures, DFT calculations, and catalytic application in the direct arylation of five-membered heteroarenes with aryl bromides of novel palladium-N-heterocyclic carbene PEPPSI-type complexes. <i>New Journal of Chemistry</i> , 2021, 45, 17878-17892. | 1.4 | 14 |
| 41 | Synthesis, characterization, antimicrobial and antibiofilm activity, and molecular docking analysis of NHC precursors and their Ag-NHC complexes. <i>Dalton Transactions</i> , 2021, 50, 15400-15412. | 1.6 | 20 |
| 42 | Rhodium(I) complexes with N-heterocyclic carbene ligands: synthesis, biological properties and catalytic activity in the hydrosilylation of aromatic ketones. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2558-2579. | 0.8 | 4 |
| 43 | Synthesis of κ^1 -heterocyclic carbene-based silver complexes and their antimicrobial properties against bacteria and fungi. <i>Journal of Coordination Chemistry</i> , 2021, 74, 3031-3047. | 0.8 | 11 |
| 44 | Ruthenium(II) complexes bearing N-heterocyclic carbene ligands with wingtip groups and their catalytic activity in the transfer hydrogenation of ketones. <i>Inorganica Chimica Acta</i> , 2020, 499, 119199. | 1.2 | 4 |
| 45 | Active ruthenium(II)-NHC complexes for alkylation of amines with alcohols using solvent-free conditions. <i>Polyhedron</i> , 2020, 175, 114234. | 1.0 | 8 |
| 46 | Synthesis, structures and catalytic activity of Pd(II) saccharinate complexes with monophosphines in direct arylation of five-membered heteroarenes with aryl bromides. <i>Inorganica Chimica Acta</i> , 2020, 500, 119220. | 1.2 | 9 |
| 47 | Therapeutic potential of coumarin bearing metal complexes: Where are we headed?. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126805. | 1.0 | 27 |
| 48 | Synthesis, structural characterization of silver(I)-NHC complexes and their antimicrobial, antioxidant and antitumor activities. <i>Journal of King Saud University - Science</i> , 2020, 32, 1544-1554. | 1.6 | 28 |
| 49 | N-heterocyclic carbene palladium complexes with different N-coordinated ligands: Comparison of their catalytic activities in Suzuki-Miyaura and Mizoroki-Heck reactions. <i>Polyhedron</i> , 2020, 176, 114271. | 1.0 | 9 |
| 50 | Arylation of heterocyclic compounds by benzimidazole-based N-heterocyclic carbene-palladium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2020, 907, 121076. | 0.8 | 6 |
| 51 | Well-defined PEPPSI-themed palladium-NHC complexes: synthesis, and catalytic application in the direct arylation of heteroarenes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5387. | 1.7 | 19 |
| 52 | Palladium-carbene catalyzed direct arylation of five-membered heteroaromatics. <i>Journal of Molecular Structure</i> , 2020, 1206, 127668. | 1.8 | 12 |
| 53 | Metal-NHC heterocycle complexes in catalysis and biological applications: Systematic review. <i>Materials Today: Proceedings</i> , 2020, 31, S122-S129. | 0.9 | 24 |
| 54 | Anticancer, antimicrobial and antiparasitical activities of copper(I) complexes based on κ^1 -heterocyclic carbene (NHC) ligands bearing aryl substituents. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2889-2905. | 0.8 | 20 |

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|----|--|-----|-----------|
| 55 | Silver(I) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties. Journal of Organometallic Chemistry, 2020, 923, 121434. | 0.8 | 6 |
| 56 | Synthesis, antimicrobial properties, and theoretical analysis of benzimidazole-2-ylidene silver(I) complexes. Journal of Coordination Chemistry, 2020, 73, 1967-1986. | 0.8 | 28 |
| 57 | Biological Activities of NHC-Pd(II) Complexes Based on Benzimidazolylidene N-heterocyclic Carbene (NHC) Ligands Bearing Aryl Substituents. Catalysts, 2020, 10, 1190. | 1.6 | 19 |
| 58 | Reduction hydrogenation of imines by in situ generated rhodium NHC complexes. Journal of Molecular Structure, 2020, 1216, 128351. | 1.8 | 4 |
| 59 | Synthesis, characterization and antitumor properties of novel silver(I) and gold(I) N-heterocyclic carbene complexes. Inorganica Chimica Acta, 2020, 506, 119530. | 1.2 | 22 |
| 60 | Synthesis, characterization, biological determination and catalytic evaluation of ruthenium(ii) complexes bearing benzimidazole-based NHC ligands in transfer hydrogenation catalysis. New Journal of Chemistry, 2020, 44, 5309-5323. | 1.4 | 18 |
| 61 | Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies. Journal of Molecular Structure, 2020, 1207, 127802. | 1.8 | 34 |
| 62 | The direct C4-arylation of 3,5-dimethylisoxazole with aryl bromides catalyzed by imidazolidin-2-ylidene based palladium-PEPPSI complexes. Inorganica Chimica Acta, 2020, 504, 119454. | 1.2 | 14 |
| 63 | First used of Alkylbenzimidazole-Cobalt(II) complexes as a catalyst for the N-Alkylation of amines with alcohols under solvent-free medium. Journal of Organometallic Chemistry, 2020, 918, 121285. | 0.8 | 10 |
| 64 | The first used butylene linked bis(N-heterocyclic carbene)-palladium-PEPPSI complexes in the direct arylation of furan and pyrrole. Journal of Organometallic Chemistry, 2020, 915, 121236. | 0.8 | 19 |
| 65 | Azo-azomethine based palladium(II) complexes as catalysts for the Suzuki-Miyaura cross-coupling reaction. Journal of Molecular Structure, 2020, 1216, 128279. | 1.8 | 9 |
| 66 | Catechol-bearing imidazolium and benzimidazolium chlorides as promising antimicrobial agents. Archiv Der Pharmazie, 2020, 353, e2000013. | 2.1 | 12 |
| 67 | Investigation of hybrid capacitor properties of ruthenium complexes. International Journal of Energy Research, 2019, 43, 6840. | 2.2 | 7 |
| 68 | The kinetics and mechanism of polymer-based NHC-Pd-pyridine catalyzed heterogeneous Suzuki reaction in aqueous media. International Journal of Chemical Kinetics, 2019, 51, 931-942. | 1.0 | 4 |
| 69 | Bioactive NHC-derived palladium complexes: synthesis, catalytic activity for the Suzuki-Miyaura coupling of aryl chlorides and bromides and their antibacterial activities. Journal of Coordination Chemistry, 2019, 72, 2688-2704. | 0.8 | 4 |
| 70 | Preparation and characterization of PEPPSI-palladium N-heterocyclic carbene complexes using benzimidazolium salts catalyzed Suzuki-Miyaura cross coupling reaction and their antitumor and antimicrobial activities. Journal of Coordination Chemistry, 2019, 72, 516-527. | 0.8 | 23 |
| 71 | Synthesis and investigation of catalytic activity of phenylene and biphenylene bridged bimetallic Palladium-PEPPSI complexes. Journal of Organometallic Chemistry, 2019, 896, 162-167. | 0.8 | 22 |
| 72 | Enhanced π -back-donation resulting in the <i>trans</i> labilization of a pyridine ligand in an N-heterocyclic carbene (NHC) Pd ^{II} pre-catalyst: a case study. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 941-950. | 0.2 | 13 |

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|----|---|-----|-----------|
| 73 | Synthesis of bridged palladium-PEPPSI complexes and catalytic studies in C-C cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2019, 495, 118969. | 1.2 | 23 |
| 74 | Synthesis of novel Ag(I)-N-heterocyclic carbene complexes soluble in both water and dichloromethane and their antimicrobial studies. <i>Journal of Coordination Chemistry</i> , 2019, 72, 2080-2090. | 0.8 | 9 |
| 75 | Platinum (II) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4851. | 1.7 | 7 |
| 76 | 5-Nitrobenzimidazole containing Pd(II) catalyzed C-C cross-coupling reactions: The effect of the N-substituent of the benzimidazole structure on catalyst activity. <i>Journal of Molecular Structure</i> , 2019, 1192, 172-177. | 1.8 | 10 |
| 77 | Ruthenium(II)-Arene-N-heterocyclic Carbene Complexes: Efficient and Selective Catalysts for the N-alkylation of Aromatic Amines with Alcohols. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2598-2606. | 1.0 | 18 |
| 78 | PEPPSI-Pd-NHC catalyzed Suzuki-Miyaura cross-coupling reactions in aqueous media. <i>Tetrahedron</i> , 2019, 75, 2306-2313. | 1.0 | 34 |
| 79 | Ruthenium(II)-NHC-catalyzed (NHC=perhydrobenzimidazol-2-ylidene) alkylation of amines using the hydrogen borrowing methodology under solvent-free conditions. <i>Transition Metal Chemistry</i> , 2019, 44, 565-573. | 0.7 | 4 |
| 80 | Synthesis and catalytic activity of ionic palladium-N-heterocyclic carbene complexes. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1622-1633. | 0.5 | 6 |
| 81 | Direct arylation of heteroarenes by PEPPSI-type palladium-NHC complexes and representative quantum chemical calculations for the compound which the structure was determined by X-ray crystallography. <i>Journal of Coordination Chemistry</i> , 2019, 72, 3258-3284. | 0.8 | 9 |
| 82 | Preparation and spectroscopic studies of Fe(II), Ru(II), Pd(II) and Zn(II) complexes of Schiff base containing terephthalaldehyde and their transfer hydrogenation and Suzuki-Miyaura coupling reaction. <i>Open Chemistry</i> , 2019, 17, 571-580. | 1.0 | 21 |
| 83 | Ru-N-heterocyclic carbene complexes: synthesis, characterization, transfer hydrogenation reactions and biological determination. <i>RSC Advances</i> , 2019, 9, 34406-34420. | 1.7 | 22 |
| 84 | Novel N-alkylbenzimidazole-Ruthenium (II) complexes: Synthesis and catalytic activity of N-alkylating reaction under solvent-free medium. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4704. | 1.7 | 19 |
| 85 | Amine-functionalized silver and gold N-heterocyclic carbene complexes: Synthesis, characterization and antitumor properties. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 26-32. | 0.8 | 26 |
| 86 | Synthesis, spectroscopic properties and biological activity of new Cu(I) N-Heterocyclic carbene complexes. <i>Journal of Molecular Structure</i> , 2019, 1181, 209-219. | 1.8 | 15 |
| 87 | In situ palladium/N-heterocyclic carbene complex catalyzed carbonylative cross-coupling reactions of arylboronic acids with 2-bromopyridine under CO pressure: efficient synthesis of unsymmetrical arylpyridine ketones and their antimicrobial activities. <i>Transition Metal Chemistry</i> , 2019, 44, 321-328. | 0.7 | 4 |
| 88 | Novel N-heterocyclic carbene silver(I) complexes: Synthesis, structural characterization, and anticancer activity. <i>Inorganica Chimica Acta</i> , 2019, 486, 711-718. | 1.2 | 36 |
| 89 | Imidazolium chloride salts bearing wingtip groups: Synthesis, molecular docking and metabolic enzymes inhibition. <i>Journal of Molecular Structure</i> , 2019, 1179, 709-718. | 1.8 | 84 |
| 90 | Theoretical analysis of frontier orbitals, electronic transitions, and global reactivity descriptors of M(CO) ₄ L ₂ type metal carbonyl complexes: a DFT/TDDFT study. <i>Structural Chemistry</i> , 2019, 30, 769-775. | 1.0 | 31 |

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|-----|---|-----|-----------|
| 91 | Cationic versus anionic Pt complex: The performance analysis of a hybrid-capacitor, DFT calculation and electrochemical properties. <i>Polyhedron</i> , 2019, 157, 434-441. | 1.0 | 8 |
| 92 | Synthesis, characterization and anticancer activity of allyl substituted N-Heterocyclic carbene silver(I) complexes. <i>Journal of Molecular Structure</i> , 2019, 1179, 92-99. | 1.8 | 35 |
| 93 | Palladium PEPPSI complexes: Synthesis and catalytic activity on the Suzuki-Miyaura coupling reactions for aryl bromides at room temperature in aqueous media. <i>Inorganica Chimica Acta</i> , 2018, 478, 187-194. | 1.2 | 36 |
| 94 | Sonogashira cross-coupling reaction catalysed by mixed NHC-Pd-PPh ₃ complexes under copper free conditions. <i>Journal of Organometallic Chemistry</i> , 2018, 860, 59-71. | 0.8 | 36 |
| 95 | N-Heterocyclic carbene-Pd(II)-PPh ₃ complexes as a new highly efficient catalyst system for the Sonogashira cross-coupling reaction: Synthesis, characterization and biological activities. <i>Journal of Coordination Chemistry</i> , 2018, 71, 183-199. | 0.8 | 31 |
| 96 | Ruthenium(II)-N-heterocyclic Carbene Complexes for the N-Alkylation of Amine Using the Green Hydrogen Borrowing Methodology. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1236-1243. | 1.0 | 33 |
| 97 | Pentacoordinated Rhodium(I) Complexes Supported by Coumarin-Functionalized N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2018, 37, 191-202. | 1.1 | 26 |
| 98 | Investigation of potential hybrid capacitor property of chelated N-Heterocyclic carbene Ruthenium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2018, 866, 214-222. | 0.8 | 14 |
| 99 | Palladium(II)-N-Heterocyclic Carbene Complexes: Efficient Catalysts for the Direct C-H Bond Arylation of Furans with Aryl Halides. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4399. | 1.7 | 24 |
| 100 | Palladium(II)-N-heterocyclic carbene-catalyzed direct C2- or C5-arylation of thiazoles with aryl bromides. <i>Tetrahedron</i> , 2018, 74, 2837-2845. | 1.0 | 22 |
| 101 | Synthesis of N-heterocyclic carbene-palladium-PEPPSI complexes and their catalytic activity in the direct C-H bond activation. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 404-412. | 0.8 | 45 |
| 102 | Sonogashira cross-coupling reaction catalyzed by N-heterocyclic carbene-Pd(II)-PPh ₃ complexes under copper free and aerobic conditions. <i>Inorganica Chimica Acta</i> , 2018, 469, 325-334. | 1.2 | 28 |
| 103 | Alkylation of cyclic amines with alcohols catalyzed by Ru(II) complexes bearing N-Heterocyclic carbenes. <i>Tetrahedron</i> , 2018, 74, 645-651. | 1.0 | 10 |
| 104 | Efficient <i>in situ</i> N-heterocyclic carbene palladium generated from Pd(OAc) ₂ catalysts for carbonylative Suzuki coupling reactions of arylboronic acids with 2-bromopyridine under inert conditions leading to unsymmetrical arylpyridine ketones: synthesis, characterization and cytotoxic activities. <i>RSC Advances</i> , 2018, 8, 40000-40015. | 1.7 | 13 |
| 105 | Pd-N-Heterocyclic carbene catalysed Suzuki-Miyaura coupling reactions in aqueous medium. <i>Arkivoc</i> , 2018, 2018, 230-239. | 0.3 | 7 |
| 106 | Direct C-H Bond Arylation of C-Blocked Pyrrole with Aryl Halides Using Palladium(II)-N-Heterocyclic Carbene Catalysts. <i>ChemistrySelect</i> , 2018, 3, 5600-5607. | 0.7 | 15 |
| 107 | Synthesis, spectral, X-ray diffraction and DFT studies on 1-(2-methyl-2-propenyl)-3-(2,3,4,5,6-pentamethylbenzyl)benzimidazolium chloride hydrate. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 664, 109-123. | 0.4 | 8 |
| 108 | Ruthenium(II)-N-heterocyclic Carbene Catalysts for Direct Arylation of 2-Phenylpyridine with (Hetero)Aryl Chlorides in Water. <i>Molecules</i> , 2018, 23, 647. | 1.7 | 25 |

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|-----|---|-----|-----------|
| 109 | Direct C-H Bond Activation of Benzoxazole and Benzothiazole with Aryl Bromides Catalyzed by Palladium(II)-N-heterocyclic Carbene Complexes. <i>Chinese Journal of Chemistry</i> , 2018, 36, 837-844. | 2.6 | 18 |
| 110 | PEPPSI-Type Palladium-NHC Complexes: Synthesis, Characterization, and Catalytic Activity in the Direct C5-Arylation of 2-Substituted Thiophene Derivatives with Aryl Halides. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1382-1391. | 1.0 | 51 |
| 111 | Ring-expanded iridium and rhodium-N-heterocyclic carbene complexes: a comparative DFT study of heterocycle ring size and metal center diversity. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1270-1284. | 0.8 | 20 |
| 112 | Silver-N-heterocyclic Carbene Complexes: Synthesis, Characterization, and Antimicrobial Properties. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 420-426. | 0.8 | 19 |
| 113 | Synthesis and catalytic applications of palladium N-heterocyclic carbene complexes as efficient pre-catalysts for Suzuki-Miyaura and Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , 2017, 41, 5105-5113. | 1.4 | 73 |
| 114 | Synthesis and antimicrobial activity of bulky 3,5-di-tert-butyl substituted containing silver-N-heterocyclic carbene complexes. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3803. | 1.7 | 23 |
| 115 | Palladium(II) N-heterocyclic carbene complexes as catalysts for the direct arylation of pyrrole derivatives with aryl chlorides. <i>Inorganica Chimica Acta</i> , 2017, 465, 44-49. | 1.2 | 12 |
| 116 | Anticancer activities of manganese-based photoactivatable CO-releasing complexes (PhotoCORMs) with benzimidazole derivative ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 331-337. | 0.7 | 25 |
| 117 | Copper-catalyzed azide-alkyne cycloaddition (CuAAC) under mild condition in water: Synthesis, catalytic application and biological activities. <i>Journal of Organometallic Chemistry</i> , 2017, 853, 49-63. | 0.8 | 19 |
| 118 | Synthesis of sterically hindered N-benzyladamantyl substituted benzimidazol-2-ylidene palladium complexes and investigation of their catalytic activity in aqueous medium. <i>Tetrahedron</i> , 2017, 73, 5940-5945. | 1.0 | 24 |
| 119 | An efficient (NHC) Copper (I)-catalyst for azide-alkyne cycloaddition reactions for the synthesis of 1,2,3-trisubstituted triazoles: Click chemistry. <i>Inorganica Chimica Acta</i> , 2017, 467, 21-32. | 1.2 | 26 |
| 120 | An Efficient Protocol for Palladium N-heterocyclic Carbene-Catalysed Suzuki-Miyaura Reaction at room temperature. <i>ChemistrySelect</i> , 2017, 2, 5729-5734. | 0.7 | 16 |
| 121 | Rhodium(I) N-heterocyclic carbene complexes as catalysts for the hydrosilylation of aromatic ketones with triethylsilane. <i>Inorganica Chimica Acta</i> , 2017, 467, 75-79. | 1.2 | 7 |
| 122 | A novel ditopic ring-expanded N-heterocyclic carbene ligand-assisted Suzuki-Miyaura coupling reaction in aqueous media. <i>Tetrahedron Letters</i> , 2017, 58, 3529-3532. | 0.7 | 22 |
| 123 | A Palladium Catalyst System for the Efficient Cross-Coupling Reaction of Aryl Bromides and Chlorides with Phenylboronic Acid: Synthesis and Biological Activity Evaluation. <i>Molecules</i> , 2017, 22, 420. | 1.7 | 14 |
| 124 | Arylation of Aniline and Amines by Pd-(N-Heterocyclic Carbene) Complexes. <i>Heterocycles</i> , 2017, 94, 1506. | 0.4 | 2 |
| 125 | The Influence of Imidazolylidene Ligands with Bulky Resorcinarenyl Substituents on Catalysts for Suzuki-Miyaura Coupling. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1115-1120. | 1.0 | 25 |
| 126 | Carbon monoxide-releasing properties and DFT/TDDFT analysis of [Mn(CO) ₃ (bpy)L]PF ₆ type novel manganese complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 815-816, 16-22. | 0.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | CO-releasing properties and anticancer activities of manganese complexes with imidazole/benzimidazole ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3384-3394. | 0.8 | 35 |
| 128 | A theoretical insight for solvent effect on myoglobin assay of W(CO) ₄ L ₂ type novel complexes with DFT/TDDFT. <i>Journal of Molecular Structure</i> , 2016, 1123, 433-440. | 1.8 | 7 |
| 129 | Synthesis of palladium complexes derived from imidazolidinone ylidene ligands and used for catalytic amination reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 1050-1055. | 1.7 | 4 |
| 130 | Novel benzimidazol-2-ylidene carbene precursors and their silver(I) complexes: Potential antimicrobial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3649-3656. | 1.4 | 44 |
| 131 | Structure, CO-releasing property, electrochemistry, DFT calculation, and antioxidant activity of benzimidazole derivative substituted [Mn(CO) ₃ (bpy)L]PF ₆ type novel manganese complexes. <i>Inorganica Chimica Acta</i> , 2016, 450, 182-189. | 1.2 | 22 |
| 132 | Synthesis of silver(I) and palladium(II) N-heterocyclic carbene complexes and their use as catalysts for the direct C5 arylation of heteroaromatic compounds. <i>Transition Metal Chemistry</i> , 2016, 41, 751-757. | 0.7 | 7 |
| 133 | Benzimidazolium sulfonate ligand precursors and application in ruthenium-catalyzed aromatic amine alkylation with alcohols. <i>Catalysis Communications</i> , 2016, 74, 33-38. | 1.6 | 34 |
| 134 | Copper-catalysed Allylic Substitution Using 2,8,14,20-tetrapentylresorcinarenyl-substituted Imidazolium Salts. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7310-7316. | 1.2 | 16 |
| 135 | Catalytic activity of Ru/tetrahydropyrimidinium salts system for transfer hydrogenation reactions. <i>Applied Organometallic Chemistry</i> , 2015, 29, 475-480. | 1.7 | 7 |
| 136 | Cross coupling reactions catalyzed by (NHC)Pd(II) complexes. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1115-1157. | 0.5 | 45 |
| 137 | Novel ruthenium(II)-N-heterocyclic carbene complexes; synthesis, characterization and catalytic application. <i>Journal of Organometallic Chemistry</i> , 2015, 789-790, 1-7. | 0.8 | 29 |
| 138 | Palladium Complexes with Tetrahydropyrimidin-2-ylidene Ligands: Catalytic Activity for the Direct Arylation of Furan, Thiophene, and Thiazole Derivatives. <i>Organometallics</i> , 2015, 34, 2487-2493. | 1.1 | 32 |
| 139 | Functionalized ionic liquids based on imidazolium cation: Synthesis, characterization and catalytic activity for N-alkylation reaction. <i>Journal of Molecular Liquids</i> , 2015, 204, 210-215. | 2.3 | 15 |
| 140 | The synthesis of 1,3-dialkyl-4-methylimidazolium salts and their application in palladium catalyzed Heck coupling reactions. <i>Turkish Journal of Chemistry</i> , 2015, 39, 281-289. | 0.5 | 2 |
| 141 | N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2015, 34, 2296-2304. | 1.1 | 51 |
| 142 | Synthesis of ruthenium N-heterocyclic carbene complexes and their catalytic activity for β^2 -alkylation of tertiary cyclic amines. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 311-315. | 0.8 | 17 |
| 143 | Investigation of premixed hydrogen flames in confined/unconfined combustors: A numerical study. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 11189-11194. | 3.8 | 3 |
| 144 | Synthesis, characterization and the Suzuki-Miyaura coupling reactions of N-heterocyclic carbene-Pd(II)-pyridine (PEPPSI) complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 776, 107-112. | 0.8 | 72 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Transfer hydrogenation of ketones in the presence of half sandwich ruthenium (II) complexes bearing imidazoline and benzimidazole ligand. <i>Arkivoc</i> , 2015, 20-33. | 0.3 | 1 |
| 146 | Rhodium(I)-N-Heterocyclic Carbene-Catalyzed Addition of Sodium Tetraphenylborate to Ketones to Form Tertiary Alcohols. <i>Heterocycles</i> , 2014, 89, 2562. | 0.4 | 2 |
| 147 | New Bisbenzimidazolin-2-ylidene Salts as <i>N</i> -Heterocyclic Dicarbene Precursors: Synthesis, Characterization, and Involvement in Palladium-Catalyzed Suzuki Reactions. <i>Heteroatom Chemistry</i> , 2014, 25, 157-162. | 0.4 | 13 |
| 148 | Synthesis, characterization, and transfer hydrogenation of Ru(II)- <i>N</i> -heterocyclic carbene complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1236-1248. | 0.8 | 23 |
| 149 | Dichlorotriethylphosphine-[N-formyl-N,N-bis(3,4-dimethoxy)benzyl-trimethylenediamine] platinum(II). <i>Journal of Structural Chemistry</i> , 2014, 55, 697-702. | 0.3 | 0 |
| 150 | Transfer hydrogenation of ketones catalyzed by new rhodium and iridium complexes of aminophosphine containing cyclohexyl moiety and photosensing behaviors of rhodium and iridium based devices. <i>Journal of Organometallic Chemistry</i> , 2014, 758, 1-8. | 0.8 | 31 |
| 151 | The first used half sandwich ruthenium(II) complexes bearing benzimidazole moiety for N-alkylation of amines with alcohols. <i>Journal of Organometallic Chemistry</i> , 2014, 755, 134-140. | 0.8 | 31 |
| 152 | Palladium(II)- <i>N</i> -heterocyclic carbene complexes: synthesis, characterization and catalytic application. <i>Applied Organometallic Chemistry</i> , 2014, 28, 423-431. | 1.7 | 33 |
| 153 | Imidazolidinium ferrate complexes: Synthesis and catalytic properties. <i>Comptes Rendus Chimie</i> , 2014, 17, 541-548. | 0.2 | 3 |
| 154 | Microstructural refinement and wear property of Al-Si-Cu composite subjected to extrusion and high-pressure torsion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 618, 377-384. | 2.6 | 42 |
| 155 | Ionic liquid based Ru(II)-phosphinite compounds and their catalytic use in transfer hydrogenation: X-ray structure of an ionic compound 1-chloro-3-(3-methylimidazolidin-1-yl)propan-2-ol. <i>Polyhedron</i> , 2014, 81, 245-255. | 1.0 | 13 |
| 156 | Synthesis of new iron-NHC complexes as catalysts for hydrosilylation reactions. <i>Applied Organometallic Chemistry</i> , 2013, 27, 459-464. | 1.7 | 32 |
| 157 | Potential <i>N</i> -Heterocyclic Carbene Precursors in the Palladium-Catalyzed Heck Reaction. <i>Heteroatom Chemistry</i> , 2013, 24, 77-83. | 0.4 | 8 |
| 158 | Resorcinarene-Functionalised Imidazolium Salts as Ligand Precursors for Palladium-Catalysed Suzuki-Miyaura Cross-Couplings. <i>ChemCatChem</i> , 2013, 5, 1116-1125. | 1.8 | 31 |
| 159 | Synthesis of rhodium complexes derived from benzimidazolin-2-ylidene ligands and first used for the addition of arylboron to benzonitriles. <i>Journal of Organometallic Chemistry</i> , 2013, 732, 21-26. | 0.8 | 18 |
| 160 | Synthesis and antimicrobial activity of novel gold(I) N-heterocyclic carbene complexes. <i>Monatshefte für Chemie</i> , 2013, 144, 313-319. | 0.9 | 13 |
| 161 | Subtle Steric Effects in Nickel-Catalysed Kumada-Tamao-Corriu Cross-Coupling Using Resorcinarenyl-imidazolium Salts. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4443-4449. | 1.2 | 20 |
| 162 | Synthesis, crystal structures, magnetic properties and Suzuki and Heck coupling catalytic activities of new coordination polymers containing tetracyanopalladate(II) anions. <i>Polyhedron</i> , 2013, 49, 50-60. | 1.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Synthesis of 1,3-Dialkylperhydrobenzimidazolium Salts and Their Catalytic Properties in Heck Reactions. <i>Heterocycles</i> , 2013, 87, 897. | 0.4 | 5 |
| 164 | <i>N</i> -Heterocyclic carbene-palladium catalysts for the direct arylation of pyrrole derivatives with aryl chlorides. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 303-312. | 1.3 | 43 |
| 165 | Five complexes containing N,N-bis(2-hydroxyethyl)-ethylenediamine with tetracyanidopalladate(II): synthesis, crystal structures, thermal, magnetic, and catalytic properties. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3072-3091. | 0.8 | 13 |
| 166 | Evaluation of reproductive toxicity in male rats treated with novel synthesized ruthenium(II) and gold(I)-NHC complexes. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 40-46. | 0.9 | 17 |
| 167 | Use of benzimidazolium salts for in situ generation of palladium catalysts in Heck reactions in water. <i>Catalysis Communications</i> , 2012, 29, 141-144. | 1.6 | 17 |
| 168 | Ruthenium, rhodium and iridium complexes of the furfuryl-2-(N-diphenylphosphino)methylamine ligand: Molecular structure and catalytic activity. <i>Polyhedron</i> , 2012, 42, 142-148. | 1.0 | 15 |
| 169 | Synthesis, characterization, electrochemical behaviors and applications in the Suzuki-Miyaura cross-coupling reactions of N2S2O2 thio Schiff base ligand and its Cu(II), Co(III), Ni(II), Pd(II) complexes and their usage in the fabrication of organic-inorganic hybrid devices. <i>Synthetic Metals</i> , 2012, 161, 2765-2775. | 2.1 | 22 |
| 170 | Novel benzimidazolium salts and their silver complexes: Synthesis and antibacterial properties. <i>Inorganic Chemistry Communication</i> , 2012, 21, 142-146. | 1.8 | 62 |
| 171 | Preparation of a series of Ru complexes with N-heterocyclic carbeneligands for the catalytic transfer hydrogenation of aromatic ketones. <i>Dalton Transactions</i> , 2012, 41, 2330-2339. | 1.6 | 54 |
| 172 | Synthesis of ruthenium(II) N-heterocyclic carbene complexes and their catalytic activities in transfer hydrogenation of ketones. <i>Transition Metal Chemistry</i> , 2012, 37, 297-302. | 0.7 | 22 |
| 173 | The effect of extrusion and high-pressure torsion on the properties of Alumix-231. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 532, 573-578. | 2.6 | 5 |
| 174 | Synthesis, characterization, and application to transfer hydrogenation of $\text{Ru}(\text{3,4,5-trimethoxybenzyl})\text{NHC}$ ruthenium complex. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2565-2572. | 0.8 | 12 |
| 175 | Synthesis and use of trans-dichlorido-tetrakis-(N-R-imidazole)nickel(II) complexes in Kumada-Tamao-Corriu cross-coupling reactions. <i>Polyhedron</i> , 2011, 30, 2051-2054. | 1.0 | 14 |
| 176 | Palladium(II)-NHC complexes containing benzimidazole ligand as a catalyst for C-N bond formation. <i>Applied Organometallic Chemistry</i> , 2011, 25, 163-167. | 1.7 | 39 |
| 177 | Synthesis, characterization and catalytic properties of cis-dibromo{1,1'-di[3,4,5-trimethoxybenzyl]-3,3'-butylenedibenzimidazol-2,2'-diylidene}palladium (II). <i>Inorganic Chemistry Communication</i> , 2011, 14, 672-675. | 1.8 | 9 |
| 178 | Butylene linked palladium N-heterocyclic carbene complexes: Synthesis and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2589-2593. | 0.8 | 26 |
| 179 | Synthesis and characterization of bidentate NHC-Pd complexes and their role in amination reactions. <i>Polyhedron</i> , 2011, 30, 195-200. | 1.0 | 36 |
| 180 | The Synthesis of Novel Palladium(II) Carbene Complexes, Azolium Salts and Their Catalytic Properties. <i>Heterocycles</i> , 2011, 83, 299. | 0.4 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Synthesis and characterization of new (<i>N</i> -diphenylphosphino)isopropylamines and their complexes: crystal structure of (Ph) ₂ P(<i>i</i> -Pr) ₂ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (S)NH ₂ C₆ palladium(II) complexes in the Heck and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2010, 24, 17-24. | 1.7 | 5 |
| 182 | Pd Functionalized MCM-41 Catalysts for Suzuki Reactions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 19-25. | 1.9 | 11 |
| 183 | N-heterocyclic Carbenes: Useful Ligands for the Palladium-Catalysed Direct C5 Arylation of Heteroaromatics with Aryl Bromides or Electron-Deficient Aryl Chlorides. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1798-1805. | 1.0 | 75 |
| 184 | Transfer Hydrogenation of Ketones by Ruthenium Complexes Bearing Benzimidazolylidene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3051-3056. | 1.0 | 46 |
| 185 | Synthesis and antimicrobial activity of Ag(I)-N-heterocyclic carbene complexes derived from benzimidazolylidene. <i>Applied Organometallic Chemistry</i> , 2010, 24, 758-762. | 1.7 | 42 |
| 186 | The orthopalladation dinuclear [Pd(L1)(¹ / ₄ -OAc)] ₂ , [Pd(L2)(¹ / ₄ -OAc)] ₂ and mononuclear [Pd(L3)] ₂ complexes with [N, C, O] or [N, O] containing ligands: Synthesis, spectral characterization, electrochemistry and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 697-706. | 0.8 | 26 |
| 187 | Palladium N-heterocyclic carbene complexes: Synthesis, characterization and catalytic properties in amination. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1555-1560. | 0.8 | 18 |
| 188 | Synthesis and characterization of ether-derivatized aminophosphines and their application in C-C coupling reactions. <i>Inorganica Chimica Acta</i> , 2010, 363, 1039-1047. | 1.2 | 36 |
| 189 | Synthesis, characterization and antimicrobial activity of new silver complexes with N-heterocyclic carbene ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 3803-3808. | 1.2 | 62 |
| 190 | New 1,2,4,5-tetrakis-(N-imidazoliummethyl)benzene and 1,2,4,5-tetrakis-(N-benzimidazoliummethyl)benzene salts as N-heterocyclic tetracarbene precursors: synthesis and involvement in ruthenium-catalyzed allylation reactions. <i>Tetrahedron</i> , 2010, 66, 1346-1351. | 1.0 | 16 |
| 191 | Palladium-Catalyzed Heck Coupling Reaction of Aryl Bromides in Aqueous Media Using Tetrahydropyrimidinium Salts as Carbene Ligands. <i>Molecules</i> , 2010, 15, 649-659. | 1.7 | 14 |
| 192 | 2-(4-Pyridyl)-1,3-di(4-picolyl)imidazolidine. <i>MolBank</i> , 2010, 2010, M649. | 0.2 | 0 |
| 193 | Synthesis and Catalytic Activity of Novel Benzimidazolylidene-Ruthenium(II) Complexes. <i>Synlett</i> , 2010, 2010, 496-500. | 1.0 | 7 |
| 194 | The Synthesis of Some Benzimidazolium Salts and Use as Carbene Precursors in the Heck and Suzuki Reactions. <i>Heterocycles</i> , 2010, 81, 943. | 0.4 | 20 |
| 195 | 1,3-Bis[4-(dimethylamino)benzyl]-4,5,6,7-tetrahydro-1H-1,3-diazepan-2-ium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o109-o110. | 0.2 | 2 |
| 196 | Bromido[1-(6-tert-butylbenzyl)-3-(2,4,6-trimethylbenzyl)benzimidazol-2-ylidene]chloridoruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m97-m98. | 0.2 | 2 |
| 197 | 1-(4-tert-Butylbenzyl)-3-(3,4,5-trimethoxybenzyl)benzimidazolium bromide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o208-o209. | 0.2 | 3 |
| 198 | 1-(1H-Benzimidazol-1-ylmethyl)-3-[2-(diisopropylamino)ethyl]-1H-benzimidazolium bromide 0.25-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o699-o700. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1942-1949. | 1.0 | 54 |
| 200 | New functionalized N-heterocyclic carbene ligands for arylation of benzaldehydes. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 186-190. | 1.4 | 12 |
| 201 | Synthesis and catalytic activity of novel xylylene-linked benzimidazolium salts. <i>Applied Organometallic Chemistry</i> , 2009, 23, 520-523. | 1.7 | 27 |
| 202 | Preparation and Catalytic Properties of a Ru(II) Coordinated Polyimide Supported by a Ligand Containing Terpyridine Units. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 143-151. | 1.9 | 12 |
| 203 | Mono- and dinuclear Pd(II) complexes of different salicylaldehyde ligands as catalysts of transfer hydrogenation of nitrobenzene with cyclohexene and Suzuki-Miyaura coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 446-454. | 0.8 | 36 |
| 204 | Synthesis and catalytic properties of novel ruthenium N-heterocyclic-carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4025-4031. | 0.8 | 34 |
| 205 | Synthesis and characterization of N-heterocyclic carbene palladium complex and its application on direct arylation of benzoxazoles and benzothiazoles with aryl bromides. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2591-2599. | 0.8 | 32 |
| 206 | Hydrogenation of Acetophenone and Its Derivatives with 2-Propanol Using Aminomethylphosphine-Ruthenium Catalysis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 185, 165-170. | 0.8 | 13 |
| 207 | Preparation and Catalytic Properties of a Ru(II) Coordinated Polyimide Supported by a Ligand Containing Terpyridine Units. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, , 1. | 1.9 | 0 |
| 208 | Synthesis, characterization and catalytic activity of novel N-heterocyclic carbene-palladium complexes. <i>Dalton Transactions</i> , 2009, , 7087. | 1.6 | 36 |
| 209 | 1-(2-Phenylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidinium bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o121-o122. | 0.2 | 2 |
| 210 | 1,3-Bis(thiophen-2-ylmethyl)-3,4,5,6-tetrahydropyrimidinium trichlorido(η -6-p-cymene)ruthenate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m111-m112. | 0.2 | 4 |
| 211 | 1,3-Bis(2-thienylmethyl)-4,5-dihydroimidazolium trichlorido(η -6-p-cymene)ruthenate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m165-m166. | 0.2 | 5 |
| 212 | Dichlorido[1-(2-methylbenzyl)-3-(η -6-2,4,6-trimethylbenzyl)-1H-2,3-dihydrobenzimidazol-2-ylidene]ruthenium(II) dichloromethane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m243-m244. | 0.2 | 1 |
| 213 | 1,3-Bis(4-tert-butylbenzyl)-4,5-dihydroimidazolium chloride monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o310-o311. | 0.2 | 0 |
| 214 | Novel Assemblies of Sn(II) Coordinated Polyimide Supported by a Ligand Containing N-Heterocyclic Phenanthroline Unit. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 290-295. | 1.9 | 6 |
| 215 | Heck and Suzuki Reactions of Aryl Halides Catalyzed by 1,3-Dialkylimidazolium/Palladium. <i>Chinese Journal of Catalysis</i> , 2008, 29, 185-190. | 6.9 | 8 |
| 216 | Benzylic Imidazolidinium, 3,4,5,6-Tetrahydropyrimidinium and Benzimidazolium Salts: Applications in Ruthenium-Catalyzed Allylic Substitution Reactions. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2142-2149. | 1.2 | 47 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | <i>N</i> -functionalized azolinylidene palladium-catalyzed heck reaction. Heteroatom Chemistry, 2008, 19, 82-86. | 0.4 | 22 |
| 218 | Palladium <i>N</i> -heterocyclic carbene-catalyzed ortho-arylation of benzaldehyde derivatives. Heteroatom Chemistry, 2008, 19, 569-574. | 0.4 | 18 |
| 219 | Synthesis of novel rhodium-xylyl linked <i>N</i> -heterocyclic carbene complexes as hydrosilylation catalysts. Applied Organometallic Chemistry, 2008, 22, 59-66. | 1.7 | 29 |
| 220 | Ruthenium <i>N</i> -heterocyclic carbene catalyzed diarylation of arene C-H bond. Applied Organometallic Chemistry, 2008, 22, 314-318. | 1.7 | 25 |
| 221 | Synthesis and use of mono- or bisxylyl linked bis(benzimidazolium) bromides as carbene precursors for C-C bond formation reactions. Journal of Organometallic Chemistry, 2008, 693, 425-434. | 0.8 | 39 |
| 222 | Synthesis of new aminophosphine complexes and their catalytic activities in C-C coupling reactions. Journal of Organometallic Chemistry, 2008, 693, 2693-2699. | 0.8 | 59 |
| 223 | Synthesis, characterization and catalytic properties of an <i>N</i> -heterocyclic carbene palladium-based complex. Inorganic Chemistry Communication, 2008, 11, 1462-1465. | 1.8 | 16 |
| 224 | Direct Arylation of Arene C-H Bonds by Cooperative Action of NHCarbene-Ruthenium(II) Catalyst and Carbonate via Proton Abstraction Mechanism. Journal of the American Chemical Society, 2008, 130, 1156-1157. | 6.6 | 367 |
| 225 | Palladium <i>N</i> -Heterocyclic Carbene Catalysts for Synthesis of Diaryl Ethers. Synlett, 2008, 2008, 1781-1784. | 1.0 | 5 |
| 226 | Polyimide-Supported Dichloro-1,3-bis(p-dimethylaminobenzyl)benzimidazolidin-2-ylidenruthenium (II) as Effective Catalyst for Hydrosilylation Reactions. Designed Monomers and Polymers, 2008, 11, 409-422. | 0.7 | 10 |
| 227 | Synthesis and characterization of an <i>N</i> -heterocyclic carbene palladium-based complex. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C404-C405. | 0.3 | 0 |
| 228 | Palladium-Catalyzed Heck Reaction of Aryl Bromides in Aqueous Media Using Tris(<i>N</i> -Heterocyclic) Carbene Catalyst. Overlook, 2008, 10, 50-52. | 1.0 | 22 |
| 229 | Synthesis and catalytic properties of <i>N</i> -functionalised carbene complexes of rhodium(I). Journal of Coordination Chemistry, 2007, 60, 2377-2384. | 0.8 | 13 |
| 230 | Application of <i>N,N</i> -bis(diphenylphosphino)aniline palladium(II) complexes as pre-catalysts in Heck coupling reactions. Applied Organometallic Chemistry, 2007, 21, 711-715. | 1.7 | 28 |
| 231 | Chelating <i>η</i> -6-Arene- <i>η</i> -1-carbene Ligands in Ruthenium Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 2862-2869. | 1.0 | 49 |
| 232 | <i>In situ</i> preparation of rhodium <i>N</i> -heterocyclic carbene complexes and use for addition of arylboronic acids to aldehydes. Journal of Heterocyclic Chemistry, 2007, 44, 69-73. | 1.4 | 15 |
| 233 | Ionic Liquids as Solvents/Catalysts for Selective Alkylation of Amines with Alkyl Halides. Chinese Journal of Catalysis, 2007, 28, 489-491. | 6.9 | 13 |
| 234 | {1,3-Bis(3,4,5-trimethoxybenzyl)-3,4,5,6-tetrahydropyrimidin-2-ylidene}chloro(<i>η</i> -4-cycloocta-1,5-diene)rhodium(I). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m770-m771. | 0.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | Dichlorido[1-(3,5-dimethylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidin-2-ylidene]ruthenium(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m942-m944. | 0.2 | 5 |
| 236 | Dichlorido[1-(2-methylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidin-2-ylidene]ruthenium(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1001-m1003. | 0.2 | 6 |
| 237 | Novel rhodium N-heterocyclic carbene catalysed arylation of aldehydes with phenylboronic acid. Transition Metal Chemistry, 2007, 32, 536-540. | 0.7 | 19 |
| 238 | Transfer Hydrogenation of Ketones Catalyzed by 1-Alkylbenzimidazole Ruthenium(II) Complexes. Monatshefte für Chemie, 2007, 138, 205-209. | 0.9 | 16 |
| 239 | Novel tetrahydropyrimidinium / palladium system as a convenient catalyst: Suzuki coupling reactions of aryl chlorides. Arkivoc, 2007, 2007, 71-78. | 0.3 | 10 |
| 240 | Modulation of DMBA-induced biochemical changes by organoselenium compounds in blood of rats. Indian Journal of Biochemistry and Biophysics, 2007, 44, 257-9. | 0.2 | 4 |
| 241 | Regioselective allylic alkylation and etherification catalyzed by in situ generated N-heterocyclic carbene ruthenium complexes. Tetrahedron Letters, 2006, 47, 535-538. | 0.7 | 34 |
| 242 | Novel Azolinium/Rhodium System Catalyzed Addition of Arylboronic Acids to Aldehydes. Heterocycles, 2006, 68, 1371. | 0.4 | 16 |
| 243 | Synthesis of novel palladium N-heterocyclic-carbene complexes as catalysts for Heck and Suzuki cross-coupling reactions. Applied Organometallic Chemistry, 2006, 20, 187-192. | 1.7 | 29 |
| 244 | Use of bis(benzimidazolium)â€“palladium system as a convenient catalyst for Heck and Suzuki coupling reactions of aryl bromides and chlorides. Applied Organometallic Chemistry, 2006, 20, 254-259. | 1.7 | 45 |
| 245 | Active ruthenium-(N-heterocyclic carbene) complexes for hydrogenation of ketones. Applied Organometallic Chemistry, 2006, 20, 322-327. | 1.7 | 92 |
| 246 | Synthesis, structure and spectroscopic characterization of 1,2-bis-(2,4,6-trimethylbenzylideneamino)ethanedichloropalladium(II). Journal of Coordination Chemistry, 2006, 59, 797-802. | 0.8 | 1 |
| 247 | 1,4,5,6-Tetrahydropyrimidinium Halides Ligands for Suzuki-Miyaura Cross-Coupling of Unactivated Aryl Chlorides. Heterocycles, 2005, 65, 1439. | 0.4 | 4 |
| 248 | Novel rhodium-1,3-dialkyl-3,4,5,6-tetrahydropyrimidin-2-ylidene complexes as catalysts for arylation of aromatic aldehydes. Journal of Organometallic Chemistry, 2005, 690, 5849-5855. | 0.8 | 34 |
| 249 | Synthesis and catalytic properties of 1-alkylperimidineruthenium(II) complexes. Journal of Molecular Catalysis A, 2005, 231, 261-264. | 4.8 | 15 |
| 250 | In situ generated 1-alkylbenzimidazoleâ€“palladium catalyst for the Suzuki coupling of aryl chlorides. Journal of Molecular Catalysis A, 2005, 234, 181-185. | 4.8 | 38 |
| 251 | Selective palladium-catalyzed arylation(s) of benzaldehyde derivatives by N-heterocarbene ligands. Tetrahedron Letters, 2005, 46, 2273-2277. | 0.7 | 127 |
| 252 | Use of tetrahydropyrimidinium salts for highly efficient palladium-catalyzed cross-coupling reactions of aryl bromides and chlorides. Tetrahedron, 2005, 61, 9791-9798. | 1.0 | 42 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 253 | In situ generated rhodium-based catalyst for addition of phenylboronic acid to aldehydes. <i>Heteroatom Chemistry</i> , 2005, 16, 461-465. | 0.4 | 18 |
| 254 | Suzuki reaction of aryl chlorides using saturated N-heterocarbene ligands. <i>Heteroatom Chemistry</i> , 2005, 16, 557-561. | 0.4 | 24 |
| 255 | Synthesis of silica-supported rhodium carbene complex as efficient catalyst for the addition of phenylboronic acid to aldehydes. <i>Applied Organometallic Chemistry</i> , 2005, 19, 633-638. | 1.7 | 31 |
| 256 | Palladium-catalysed Suzuki reaction of aryl chlorides in aqueous media using 1,3-dialkylimidazolidin-2-ylidene ligands. <i>Applied Organometallic Chemistry</i> , 2005, 19, 55-58. | 1.7 | 45 |
| 257 | Benzimidazolin-2-ylidene-palladium-catalysed coupling reactions of aryl halides. <i>Applied Organometallic Chemistry</i> , 2005, 19, 870-874. | 1.7 | 32 |
| 258 | In situ preparation of palladium /N-heterocyclic carbene complexes and use for Suzuki reaction. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 303-306. | 1.4 | 8 |
| 259 | Novel N-heterocyclic-carbene-rhodium complexes as hydrosilylation catalysts. <i>Journal of Molecular Catalysis A</i> , 2005, 241, 88-92. | 4.8 | 23 |
| 260 | Rhodium-benzimidazolidin-2-ylidene catalyzed addition of arylboronic acids to aldehydes. <i>Transition Metal Chemistry</i> , 2005, 30, 367-371. | 0.7 | 20 |
| 261 | Ruthenium(II) N-heterocyclic Carbene Complexes in the Transfer Hydrogenation of Ketones. <i>Transition Metal Chemistry</i> , 2005, 30, 831-835. | 0.7 | 66 |
| 262 | Crystal structure of [RuCl ₂ [N-(2,4,6-trimethyl-benzyl)N-(n-butyl)]-imidazolidin-2-ylidene] and [RuCl ₂ [N-(2,4,6-trimethyl-benzyl)-N-(2-methoxyethyl)]-imidazolidin-2-ylidene]. <i>Journal of Chemical Crystallography</i> , 2005, 35, 491-495. | 0.5 | 15 |
| 263 | Synthesis of Pd(II) 1-alkylperimidine complexes as efficient catalysts for Suzuki reactions involving aryl chlorides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005, 31, 142-145. | 0.3 | 2 |
| 264 | Synthesis of Ru(II) complex with 3-(4,5-dihydroimidazol-1-yl)propyltriethoxysilane containing viologen group. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005, 31, 170-173. | 0.3 | 0 |
| 265 | Dichloro[3-(1-naphthylmethyl)-1-(2,4,6-trimethylbenzyl)imidazolidin-2-ylidene]ruthenium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1873-m1875. | 0.2 | 6 |
| 266 | Palladium-Catalyzed Suzuki-Miyaura Reaction of Aryl Chlorides in Aqueous Media Using Tetrahydrodiazepinium Salts as Carbene Ligands. <i>Synlett</i> , 2005, 2005, 2394-2396. | 1.0 | 30 |
| 267 | In situ Generated 1-Alkylimidazoline-palladium Catalyst for the Suzuki Cross-coupling Reaction of Aryl Chlorides. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 541-544. | 0.6 | 6 |
| 268 | Palladium-Catalyzed Suzuki-Miyaura Reaction Using Saturated N-Heterocarbene Ligands. <i>Catalysis Letters</i> , 2004, 97, 37-40. | 1.4 | 35 |
| 269 | Surface Modification of Inorganic Oxide Particles with a Carbene Complex of Palladium: A Recyclable Catalyst for the Suzuki Reaction. <i>Journal of Inorganic and Organometallic Polymers</i> , 2004, 14, 149-159. | 1.5 | 40 |
| 270 | Polyimides from a Novel Monomer 3,6-Bis(dimethylamino)acridine(p-cymene)dichlororuthenium(II) for a Catalytic Application. <i>Journal of Inorganic and Organometallic Polymers</i> , 2004, 14, 177-190. | 1.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 271 | Synthesis of novel 1-alkylimidazoline and 1-alkylbenzimidazole palladium(II) complexes as efficient catalysts for Heck and Suzuki reactions involving arylchlorides. <i>Journal of Molecular Catalysis A</i> , 2004, 208, 109-114. | 4.8 | 33 |
| 272 | In situ generated palladium catalysts bearing 1,3-dialkylperimidin-2-ylidene ligands for Suzuki reactions of aryl chlorides. <i>Journal of Molecular Catalysis A</i> , 2004, 217, 37-40. | 4.8 | 49 |
| 273 | Synthesis of novel palladium π -carbene complexes as efficient catalysts for amination of aryl chlorides in ionic liquid. <i>Journal of Molecular Catalysis A</i> , 2004, 222, 97-102. | 4.8 | 25 |
| 274 | Synthesis and catalytic properties of 1-alkyl-2-imidazolineruthenium(II) complexes. <i>Applied Organometallic Chemistry</i> , 2004, 18, 15-18. | 1.7 | 10 |
| 275 | Synthetic and antimicrobial studies on new gold(I) complexes of imidazolidin-2-ylidenes. <i>Applied Organometallic Chemistry</i> , 2004, 18, 318-322. | 1.7 | 86 |
| 276 | Access to 3-Methyl-4-methylene-N-tosylpyrrolidine and 3,4-DimethylN-tosylpyrroline by Ruthenium-Catalyzed Cascade Cycloisomerization/Isomerization Reactions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 418-422. | 1.0 | 41 |
| 277 | Palladium-catalyzed Suzuki reaction using 1,3-dialkylbenzimidazol-2-ylidene ligands in aqueous media. <i>Heteroatom Chemistry</i> , 2004, 15, 419-423. | 0.4 | 50 |
| 278 | Improved palladium-catalyzed coupling reactions of aryl halides using saturated N-heterocarbene ligands. <i>Journal of Molecular Catalysis A</i> , 2004, 209, 23-28. | 4.8 | 76 |
| 279 | Synthesis of novel rhodium π -carbene complexes as efficient catalysts for addition of phenylboronic acid to aldehydes. <i>Journal of Molecular Catalysis A</i> , 2004, 215, 45-48. | 4.8 | 40 |
| 280 | Synthesis of arylacetic acid derivatives from diethyl malonate using in situ formed palladium(1,3-dialkylimidazolidin-2-ylidene) catalysts. <i>Tetrahedron Letters</i> , 2004, 45, 5823-5825. | 0.7 | 20 |
| 281 | Suzuki π -Miyaura Reaction of Unactivated Aryl Chlorides Using Benzimidazol π -ylidene Ligands. <i>Synthetic Communications</i> , 2004, 34, 4135-4144. | 1.1 | 36 |
| 282 | Crystal structure of dichloro-N-(3,4,5-trimethoxy-benzyl)-N-(n-butyl)-imidazolidin-2-ylideneruthenium(II), RuCl ₂ (C ₁₇ H ₂₆ N ₂ O ₃). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2004, 219, 409-410. | 0.1 | 5 |
| 283 | | | |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 289 | Ring Closing Versus Cyclic Isomerization of 1,6-Dienes by Ruthenium Allenylidene Complexes. , 2003, , 285-293. | | 0 |
| 290 | Remarkable Substituent Effects on Antimicrobial Activities of 1,3 -Diorganylimidazolidinium Salts. Journal of Chemotherapy, 2002, 14, 241-245. | 0.7 | 11 |
| 291 | Syntheses and catalytic properties of alternating copolymers of poly[4-maleimidopyridyl(p-cymene)dichloro Ru(II)] with $\hat{1}^3$ -methacryloxypropyl trimethoxysilane. Journal of Molecular Catalysis A, 2002, 179, 263-270. | 4.8 | 14 |
| 292 | Synthesis and immobilization of N-heterocyclic carbene complexes of Ru(II): catalytic activity and recyclability for the furan formation. Journal of Molecular Catalysis A, 2002, 184, 31-38. | 4.8 | 62 |
| 293 | First ruthenium complexes with a chelating arene carbene ligand as catalytic precursors for alkene metathesis and cycloisomerisation. New Journal of Chemistry, 2001, 25, 519-521. | 1.4 | 117 |
| 294 | Synthesis of a water-soluble carbene complex and its use as catalyst for the synthesis of 2,3-dimethylfuran. Journal of Organometallic Chemistry, 2001, 633, 27-32. | 0.8 | 97 |
| 295 | Hydrolysis, polycondensation, and catalytic properties of Ru(II) complex of 3-4,5-dihydroimidazol-1-yl-propyltriethoxysilane. Journal of Applied Polymer Science, 2001, 80, 1329-1334. | 1.3 | 7 |
| 296 | Benzimidazole, Benzothiazole and Benzoxazole Ruthenium(II) Complexes; Catalytic Synthesis of 2,3-Dimethylfuran. European Journal of Inorganic Chemistry, 2000, 2000, 29-32. | 1.0 | 38 |
| 297 | Sol-gel synthesis of Ru(II) complex of 3-4,5-dihydroimidazol-1-yl-propyltriethoxysilane aerogels and xerogels. Polymer Bulletin, 2000, 44, 47-53. | 1.7 | 17 |
| 298 | Catalytic Double Addition of Diazo Compounds to Alkynes:Â Synthesis of Functional Conjugated Dienes. Journal of the American Chemical Society, 2000, 122, 7400-7401. | 6.6 | 67 |
| 299 | Antibacterial and Antifungal Activities of Complexes of Ruthenium (II). Arzneimittelforschung, 1999, 49, 538-540. | 0.5 | 10 |
| 300 | 2-Imidazolineâ€ and 1,4,5,6-tetrahydropyrimidineâ€ruthenium(II) complexes and catalytic synthesis of furan. Journal of Organometallic Chemistry, 1999, 575, 187-192. | 0.8 | 38 |
| 301 | Synthesis of cis- and trans-dichloro(dimethylphenylphosphine)-(1-methyl-1,4,5,6-tetrahydropyrimidine)platinum(II) and their spectral and structural characterization. Journal of Organometallic Chemistry, 1998, 561, 7-11. | 0.8 | 11 |
| 302 | Synthesis and catalytic properties of arene complexes of ruthenium(II) prepared from Si, Zr, Ti and Al alkoxides by the sol-gel process. Journal of Materials Chemistry, 1998, 8, 1835-1838. | 6.7 | 13 |
| 303 | Synthesis and characterisation of 1-alkyl-2-imidazoline complexes of noble metals; crystal structure of trans-[PtCl ₂ { $\hat{1}^3$ C(H)N(Et)CH ₂ C $\hat{1}^3$ H ₂ }(PEt ₃)]. Journal of the Chemical Society Dalton Transactions, 1997, , 1359-1362. | 1.1 | 24 |
| 304 | Ruthenium-carbene catalysts for the synthesis of 2,3-dimethylfuran. Journal of Molecular Catalysis A, 1997, 118, L1-L4. | 4.8 | 75 |
| 305 | cis-1,1'-Dimethyl-3,3'-diphenyl-2,2'-biimidazolidinylidene. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 240-241. | 0.4 | 13 |
| 306 | Synthesis and catalytic properties of N-functionalized carbene complexes of rhodium(I) and ruthenium(II). Journal of Organometallic Chemistry, 1997, 534, 153-158. | 0.8 | 108 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | Synthesis and characterization of N-substituted 1,4,5,6-tetrahydropyrimidine containing functional polymers as SO ₂ and CO ₂ sorbents. <i>Journal of Polymer Science Part A</i> , 1997, 35, 2411-2420. | 2.5 | 12 |
| 308 | Synthesis and radical polymerization of novel vinyl monomers having the imidazoline and pyrimidine moiety. <i>Polymer Bulletin</i> , 1996, 37, 443-450. | 1.7 | 6 |
| 309 | Ionic liquids as solvent for efficient esterification of carboxylic acids with alkyl halides. <i>Turkish Journal of Chemistry</i> , 0, , . | 0.5 | 5 |
| 310 | Molybdenum Carbonyl Complexes with Benzimidazole Derivatives Against SARS CoV-2 by Molecular Docking and DFT/TDDFT Methods. <i>Journal of Computational Biophysics and Chemistry</i> , 0, , . | 1.0 | 1 |
| 311 | Novel N-Heterocyclic Carbene Silver(I) Complexes: Synthesis, Structural Characterization, Antimicrobial and Cytotoxicity Potential Studies. <i>Journal of the Brazilian Chemical Society</i> , 0, , . | 0.6 | 1 |
| 312 | N-Heterocyclic carbene-palladium-PEPSSI complexes and their catalytic activity in the direct C-H bond activation of heteroarene derivatives with aryl bromides: synthesis, and antimicrobial and antioxidant activities. <i>New Journal of Chemistry</i> , 0, , . | 1.4 | 7 |
| 313 | 4,5-Dihydroimidazol-2-ylidene linked palladium complexes as catalysts for the direct C-H bond arylation of azoles. <i>Applied Organometallic Chemistry</i> , 0, , . | 1.7 | 3 |
| 314 | Highly Efficient Single A3-Coupling (Aldehyde-Amine-Alkyne) Reaction Catalyzed by Air Stable Silver-(N-Heterocyclic Carbene) Complexes: Synthesis and Characterization. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-16. | 1.4 | 1 |
| 315 | Novel N-Heterocyclic Carbene Silver (I) Complexes: Synthesis, Structural Characterization, Antimicrobial, Antioxidant and Cytotoxicity Potential Studies. , 0, , . | | 1 |
| 316 | A benzimidazolium salt as effective corrosion inhibitor against the corrosion of mild steel in acidic medium: experimental and theoretical studies. <i>Journal of Adhesion Science and Technology</i> , 0, , 1-23. | 1.4 | 3 |