

# Matti Haukka

## List of Publications by Year in descending order

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270  
papers

5,246  
citations

87888

38  
h-index

161849

54  
g-index

279  
all docs

279  
docs citations

279  
times ranked

5016  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Mild Peroxidative Oxidation of Cyclohexane Catalyzed by Mono-, Di-, Tri-, Tetra- and Polynuclear Copper Triethanolamine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 159-174.  | 4.3 | 164       |
| 2  | Studies on Catalytically Active Ruthenium Carbonyl Bipyridine Systems. Synthesis and Structural Characterization of [Ru(bpy)(CO)2Cl2], [Ru(bpy)(CO)2Cl(C(O)OCH3)], [Ru(bpy)(CO)2Cl]2, and [Ru(bpy)(CO)2ClH] (bpy = 2,2'-Bipyridine). <i>Organometallics</i> , 1995, 14, 825-833.                                      | 2.3 | 122       |
| 3  | Single-Pot Ethane Carboxylation Catalyzed by New Oxorhenium(V) Complexes with N,O Ligands. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1435-1446.  | 4.3 | 92        |
| 4  | A novel 2D coordination network built from hexacopper( $\mu_2$ )-iodide clusters and cage-like aminophosphine blocks for reversible $\alpha$ -turn-on sensing of aniline. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1670-1678.   | 5.5 | 85        |
| 5  | Topologically Unique 2D Heterometallic Cu <sup>II</sup> /Mg Coordination Polymer: Synthesis, Structural Features, and Catalytic Use in Alkane Hydrocarboxylation. <i>Crystal Growth and Design</i> , 2012, 12, 1069-1074.   | 3.0 | 81        |
| 6  | H <sub>2</sub> C(X)-X <sup>+</sup> (X = Cl, Br) Halogen Bonding of Dihalomethanes. <i>Crystal Growth and Design</i> , 2017, 17, 1353-1362.  | 3.0 | 78        |
| 7  | Fine-tuning halogen bonding properties of diiodine through halogen charge transfer extended [Ru(2,2'-bipyridine)(CO) <sub>2</sub> X <sub>2</sub> ] <sub>2</sub> systems (X = Cl, Br, I). <i>CrystEngComm</i> , 2016, 18, 1987-1995.   | 2.6 | 71        |
| 8  | Coupling between 3-Iminoisoindolin-1-ones and Complexed Isonitriles as a Metal-Mediated Route to a Novel Type of Palladium and Platinum Iminocarbene Species. <i>Organometallics</i> , 2008, 27, 5379-5389.   | 2.3 | 69        |
| 9  | Identification of Hexameric Water and Hybrid Water-Chloride Clusters Intercalated in the Crystal Hosts of (Imido)lamidine nickel(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4621-4627.   | 2.0 | 67        |
| 10 | ADC-Based Palladium Catalysts for Aqueous Suzuki-Miyaura Cross-Coupling Exhibit Greater Activity than the Most Advantageous Catalytic Systems. <i>Organometallics</i> , 2013, 32, 5212-5223.  | 2.3 | 67        |
| 11 | Redox and photochemical behaviour of ruthenium(II) complexes with H <sub>2</sub> dcbpy ligand (H <sub>2</sub> dcbpy = 2,2'-bipyridine-4,4'-dicarboxylic acid). <i>Dalton Transactions RSC</i> , 2000, , 2745-2752.  | 2.3 | 65        |
| 12 | Substituent R-Dependent Regioselectivity Switch in Nucleophilic Addition of N-Phenylbenzimidine to Pd <sup>II</sup> - and Pt <sup>II</sup> -Complexed Isonitrile R <sub>2</sub> C Giving Aminocarbene-Like Species. <i>Organometallics</i> , 2011, 30, 863-874.   | 2.3 | 65        |
| 13 | Water-Soluble Cobalt(II) and Copper(II) Complexes of 3-(5-Chloro-2-hydroxy-3-sulfo)phenylhydrazo)pentane-2,4-dione as Building Blocks for 3D Supramolecular Networks and Catalysts for TEMPO-Mediated Aerobic Oxidation of Benzylic Alcohols. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4175-4181. | 2.0 | 63        |
| 14 | Nonheme Fe(IV) Oxo Complexes of Two New Pentadentate Ligands and Their Hydrogen-Atom and Oxygen-Atom Transfer Reactions. <i>Inorganic Chemistry</i> , 2015, 54, 7152-7164.  | 4.0 | 63        |
| 15 | Application of palladium complexes bearing acyclic amino(hydrazido)carbene ligands as catalysts for copper-free Sonogashira cross-coupling. <i>Journal of Catalysis</i> , 2015, 329, 449-456.   | 6.2 | 58        |
| 16 | Spin Crossover in Fe(II)-M(II) Cyanoheterobimetallic Frameworks (M = Ni, Pd, Pt) with 2-Substituted Pyrazines. <i>Inorganic Chemistry</i> , 2016, 55, 4906-4914.  | 4.0 | 58        |
| 17 | Novel Tailoring Reaction for Two Adjacent Coordinated Nitriles Giving Platinum 1,3,5-Triazapentadiene Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 11487-11500.  | 4.0 | 57        |
| 18 | Halogen bonds with coordinative nature: halogen bonding in a S <sup>+</sup> -S <sup>-</sup> iodonium complex. <i>CrystEngComm</i> , 2015, 17, 1231-1236.  | 2.6 | 56        |

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|----|--|------|-----------|
| 19 | A new family of luminescent compounds: platinum(ii) imidoamidinates exhibiting pH-dependent room temperature luminescence. Dalton Transactions, 2006, , 3798-3805.   | 3.3  | 55        |
| 20 | A family of heterotetrameric clusters of chloride species and halomethanes held by two halogen and two hydrogen bonds. CrystEngComm, 2016, 18, 5278-5286.  | 2.6  | 55        |
| 21 | Guest Induced Strong Cooperative One- and Two-Step Spin Transitions in Highly Porous Iron(II) Hofmann-Type Metal-Organic Frameworks. Inorganic Chemistry, 2017, 56, 7038-7047.   | 4.0  | 55        |
| 22 | Hydrolytic Metal-Mediated Coupling of Dialkylcyanamides at a Pt(IV) Center Giving a New Family of Diimino Ligands. Inorganic Chemistry, 2003, 42, 7560-7568.   | 4.0  | 54        |
| 23 | Identification and H(D)-bond energies of C-H(D)⋯Cl interactions in chloride-haloalkane clusters: a combined X-ray crystallographic, spectroscopic, and theoretical study. Physical Chemistry Chemical Physics, 2016, 18, 14104-14112.                | 2.8  | 54        |
| 24 | Supramolecular Assembly of Metal Complexes by (Aryl)I⋯⋯d[Pt<sup>II</sup>] Halogen Bonds. Chemistry - A European Journal, 2020, 26, 7692-7701.  | 3.3  | 54        |
| 25 | DFT tests for group 8 transition metal carbonyl complexes. Journal of Molecular Modeling, 2008, 14, 171-181.   | 1.8  | 51        |
| 26 | Palladium-ADC complexes as efficient catalysts in copper-free and room temperature Sonogashira coupling. Journal of Molecular Catalysis A, 2014, 395, 162-171.   | 4.8  | 50        |
| 27 | Carborane-stilbene dyads: the influence of substituents and cluster isomers on photoluminescence properties. Dalton Transactions, 2017, 46, 2091-2104.   | 3.3  | 49        |
| 28 | Preparation and Crystal Structures of Benzoylhydrazido- and-diazenidorhenium Complexes with N,O-Ligands and Their Catalytic Activity Towards Peroxidative Oxidation of Cycloalkanes. European Journal of Inorganic Chemistry, 2005, 2005, 2071-2080. | 2.0  | 47        |
| 29 | Heterometallic Copper(II)-Potassium 3D Coordination Polymers Driven by Multifunctionalized Azo Derivatives of I <sup>2</sup> -Diketones. Crystal Growth and Design, 2011, 11, 4247-4252.   | 3.0  | 47        |
| 30 | Manganese carbonyl terpyridyl complexes: their synthesis, characterization and potential application as CO-release molecules. Chemical Communications, 2014, 50, 2539-2542.  | 4.1  | 47        |
| 31 | A Novel and Selective Fluoride Opening of Aziridines by XtalFluor-E. Synthesis of Fluorinated Diamino Acid Derivatives. Organic Letters, 2015, 17, 1074-1077.  | 4.6  | 47        |
| 32 | Electron Accumulative Molecules. Journal of the American Chemical Society, 2018, 140, 2957-2970.   | 13.7 | 46        |
| 33 | One-dimensional metal atom chain [Ru(CO) <sub>4</sub> ] <sub>n</sub> as a catalyst precursor-Hydroformylation of 1-hexene using carbon dioxide as a reactant. Applied Catalysis A: General, 2009, 365, 130-134.                                      | 4.3  | 44        |
| 34 | Unprecedented Metal-Free C(sp <sup>3</sup> )-C(sp <sup>3</sup> ) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. Organometallics, 2009, 28, 1683-1687.  | 2.3  | 43        |
| 35 | Selective Laser Sintering of Metal-Organic Frameworks: Production of Highly Porous Filters by 3D Printing onto a Polymeric Matrix. ChemPlusChem, 2019, 84, 222-225.  | 2.8  | 42        |
| 36 | Chiral hexarhodium carbonyl clusters containing heterobidentate phosphine ligands; a structural and reactivity study. Dalton Transactions, 2003, , 2457-2467.  | 3.3  | 41        |

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|----|---|-----|-----------|
| 37 | A new Cu(ii) [12]metallo-crown-4 pentanuclear complex based on a Cu(ii)-malonomonohydroxamic acid unit. <i>New Journal of Chemistry</i> , 2007, 31, 1798.   | 2.8 | 40        |
| 38 | Cluster-Based Catalytic Hydrogenation with High Conversion and Reversible Enantioselectivity. <i>Organometallics</i> , 2000, 19, 5568-5574.   | 2.3 | 39        |
| 39 | A Novel Reactivity Mode for Metal-Activated Dialkylcyanamide Species: Addition of $N,N$ -Diphenylguanidine to a $cis$ -( $R_2NCN$ ) $_2Pt^{II}$ Center Giving an Eight-Membered Chelated Platinoguanidine. <i>Inorganic Chemistry</i> , 2009, 48, 2583-2592.            | 4.0 | 39        |
| 40 | Photoluminescence in Carborane- $\sigma$ -Stilbene Triads: A Structural, Spectroscopic, and Computational Study. <i>Chemistry - A European Journal</i> , 2016, 22, 13588-13598.   | 3.3 | 37        |
| 41 | Computational DFT Study of Ruthenium Tetracarbonyl Polymer. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 1084-1090.   | 5.3 | 36        |
| 42 | Selective Recovery of Gold from Electronic Waste Using 3D-Printed Scavenger. <i>ACS Omega</i> , 2017, 2, 7299-7304.   | 3.5 | 36        |
| 43 | Reactions of Ruthenium Bipyridine Catalyst Precursors: A Synthetic, Structural, and Theoretical Studies on Ruthenium Mono(bipyridine) Carbonyls in Ethylene Glycol Solutions. <i>Inorganic Chemistry</i> , 1999, 38, 3182-3189.   | 4.0 | 35        |
| 44 | A Heterobimetallic $Fe^{III}Mn^{II}$ Complex of an Unsymmetrical Dinucleating Ligand: A Structural and Functional Model Complex for the Active Site of Purple Acid Phosphatase of Sweet Potato. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2204-2212. | 2.0 | 35        |
| 45 | Electron withdrawing and electron donating effects of 4,4'-bipyridine substituents on ruthenium mono(bipyridine) complexes. <i>Dalton Transactions RSC</i> , 2001, , 2649-2654.   | 2.3 | 34        |
| 46 | Concerted halogen and hydrogen bonding in $[Ru_2(H_2dcbpy)(CO)_2]^{2-}(CH_3OH)^{2-}[Ru_2(H_2dcbpy)(CO)_2]$ . <i>Chemical Communications</i> , 2011, 47, 3427.   | 4.1 | 34        |
| 47 | 1,3-Dipolar Cycloaddition of Nitrones to a Nitrile Functionality in $closo$ -Decaborate Clusters: A Novel Reactivity Mode for the Borylated $C_9N$ Group. <i>Organometallics</i> , 2012, 31, 1716-1724.   | 2.3 | 34        |
| 48 | Synthesis of (1,2,4-Oxadiazole)palladium(II) Complexes by [2 + 3] Cycloaddition of Nitrile Oxides to Organonitriles in the Presence of $PdCl_2$ . <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 845-853.   | 2.0 | 33        |
| 49 | Interplay between Nitrones and (Nitrile) $Pd^{II}$ Complexes: Cycloaddition vs. Complexation Followed by Cyclopalladation and Deoxygenation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3042-3048.  | 2.0 | 32        |
| 50 | Effect of Different Anchoring Groups on the Adsorption of Photoactive Compounds on the Anatase (101) Surface. <i>Langmuir</i> , 2010, 26, 17075-17081.  | 3.5 | 32        |
| 51 | Copper(I) Iodide Complexes Derived from $N$ -Alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, Crystal Structures, Photoluminescence, and Identification of the Unprecedented $\{Cu_3\mu_5\}^{2+}$ Cluster. <i>Organometallics</i> , 2009, 28, 6425-6431.             | 2.3 | 31        |
| 52 | Role of $C\cdots H\cdots Au$ and Aurophilic Supramolecular Interactions in Gold- $\sigma$ -Thione Complexes. <i>Crystal Growth and Design</i> , 2014, 14, 1989-1997.  | 3.0 | 31        |
| 53 | Ferrocene- $\sigma$ -quinoxaline Y-shaped chromophores as fascinating second-order NLO building blocks for long lasting highly active SHG polymeric films. <i>Dalton Transactions</i> , 2016, 45, 11939-11943.  | 3.3 | 31        |
| 54 | Palladium(II)-Mediated Addition of Benzenediamines to Isocyanides: Generation of Three Types of Diaminocarbene Ligands Depending on the Isomeric Structure of the Nucleophile. <i>Organometallics</i> , 2016, 35, 218-228.  | 2.3 | 31        |

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|----|--|-----|-----------|
| 55 | Stereoselective [2+3] cycloaddition of nitrones to platinum-bound organonitriles. First enantioselective synthesis of 4-1,2,4-oxadiazolines. Dalton Transactions RSC, 2001, , 2690-2697.   | 2.3 | 30        |
| 56 | 1,3,5-Triazapentadiene Nickel(II) Complexes Derived from a Ketoxime-Mediated Single-Pot Transformation of Nitriles. European Journal of Inorganic Chemistry, 2010, 2010, 2425-2432.  | 2.0 | 30        |
| 57 | Amidoximes Provide Facile Platinum(II)-Mediated Oxime-Nitrile Coupling. Inorganic Chemistry, 2012, 51, 5950-5964.  | 4.0 | 29        |
| 58 | Argentophilic interactions in multinuclear Ag complexes of imidazole containing Schiff bases. CrystEngComm, 2012, 14, 3509.  | 2.6 | 28        |
| 59 | Palladium(II)-Stabilized Pyridine-2-Diazotates: Synthesis, Structural Characterization, and Cytotoxicity Studies. Inorganic Chemistry, 2018, 57, 930-934.  | 4.0 | 28        |
| 60 | Spectroscopic, crystal structural, theoretical and biological studies of phenylacetohydrazide Schiff base derivatives and their copper complexes. Journal of Molecular Structure, 2020, 1208, 127860.  | 3.6 | 28        |
| 61 | Reactions of [Ru(bipy)(CO)2Cl2] in aqueous HX and HX-HNO3 solutions (X = F, Br or I; bipy = 1,10-phenanthroline). Dalton Transactions, 2006, , 279-288.  | 1.1 | 27        |
| 62 | Synthesis and Characterization of cis-(RNC)2PtII Species Useful as Synthons for Generation of Various (Aminocarbene)PtII Complexes. Journal of Chemical Crystallography, 2012, 42, 1170-1175.  | 1.1 | 27        |
| 63 | Bis 4,5-diazafluoren-9-one silver(I) nitrate: synthesis, X-ray structures, solution chemistry, hydrogel loading, DNA coupling and anti-bacterial screening. New Journal of Chemistry, 2011, 35, 640.   | 2.8 | 26        |
| 64 | Fabrication of Porous Hydrogenation Catalysts by a Selective Laser Sintering 3D Printing Technique. ACS Omega, 2019, 4, 12012-12017.   | 3.5 | 26        |
| 65 | Synthesis, characterization and reactivity of tetranuclear ruthenium hydrido clusters containing chiral phosphineligands. Dalton Transactions, 2006, , 279-288.  | 3.3 | 25        |
| 66 | Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling of Various Aryl Halides Using ortho-Alkyl-Substituted Arylphosphanes and ortho-Alkylphenylalkylphosphanes under Microwave Heating. European Journal of Inorganic Chemistry, 2008, 2008, 397-407. | 2.0 | 25        |
| 67 | Catalytic activity of linear chain ruthenium carbonyl polymer [Ru(CO)4]n in 1-hexene hydroformylation. Applied Catalysis A: General, 2009, 353, 113-116.   | 4.3 | 25        |
| 68 | Coupling of Azomethine Ylides with Nitrilium Derivatives of Decaborate Clusters: A Synthetic and Theoretical Study. ChemPlusChem, 2012, 77, 1075-1086.   | 2.8 | 25        |
| 69 | Coupling of C-amino aza-substituted heterocycles with an isocyanide ligand in palladium(II) complex. Russian Chemical Bulletin, 2013, 62, 758-766.   | 1.5 | 25        |
| 70 | Halogen Bonding Involving Palladium(II) as an XB Acceptor. Crystal Growth and Design, 2021, 21, 1159-1177.   | 3.0 | 25        |
| 71 | Highly Stereoselective 1,3-Dipolar Cycloaddition of Nitrones to (Nitrile)2Pt Species Furnishing Diastereomerically Pure 2,3-Dihydro-1,2,4-oxadiazole Ligands. Organometallics, 2011, 30, 595-602.  | 2.3 | 24        |
| 72 | Supramolecular assemblies involving metal-organic ring interactions: heterometallic Cu(II)-Ln(III) two-dimensional coordination polymers. CrystEngComm, 2012, 14, 1842.  | 2.6 | 24        |

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|----|---|-----|-----------|
| 73 | Diversity of Isomerization Patterns and Protolytic Forms in Aminocarbene Pd <sup>II</sup> and Pt <sup>II</sup> Complexes Formed upon Addition of <i>N,N</i> -Diphenylguanidine to Metal-Activated Isocyanides. <i>Organometallics</i> , 2017, 36, 4145-4159.  | 2.3 | 24        |
| 74 | Porous 3D Printed Scavenger Filters for Selective Recovery of Precious Metals from Electronic Waste. <i>Advanced Sustainable Systems</i> , 2018, 2, 1800048.  | 5.3 | 24        |
| 75 | Influence of Substituents in the Aromatic Ring on the Strength of Halogen Bonding in Iodobenzene Derivatives. <i>Crystal Growth and Design</i> , 2020, 20, 7197-7210.   | 3.0 | 24        |
| 76 | Tunable Interaction Strength and Nature of the S <sup>δ-</sup> ⋯Br Halogen Bonds in [(Thione)Br <sub>2</sub> ] Systems. <i>Crystal Growth and Design</i> , 2015, 15, 1160-1167.   | 3.0 | 23        |
| 77 | Halonium Ions as Halogen Bond Donors in the Solid State [XL <sub>2</sub> ]Y Complexes. <i>Topics in Current Chemistry</i> , 2015, 359, 77-90.   | 4.0 | 23        |
| 78 | <i>s</i> -Triazine pincer ligands: Synthesis of their metal complexes, coordination behavior, and applications. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6317.  | 3.5 | 23        |
| 79 | Structural and Theoretical Studies of ortho-Substituted Triphenylphosphane Ligands and Their Rhodium(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2607-2613.  | 2.0 | 22        |
| 80 | Reactions of [Ru(CO) <sub>3</sub> Cl <sub>2</sub> ] <sub>2</sub> with aromatic nitrogen donor ligands in alcoholic media. <i>Applied Organometallic Chemistry</i> , 2006, 20, 51-69.  | 3.5 | 22        |
| 81 | <i>m</i> -Carboranylphosphinate as Versatile Building Blocks To Design all Inorganic Coordination Polymers. <i>Inorganic Chemistry</i> , 2017, 56, 5502-5505.   | 4.0 | 22        |
| 82 | Novel ruthenium methylcyclopentadienyl complex bearing a bipyridine perfluorinated ligand shows strong activity towards colorectal cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 503-514.   | 5.5 | 22        |
| 83 | Gold Nanoparticles on 3D-Printed Filters: From Waste to Catalysts. <i>ACS Omega</i> , 2019, 4, 16891-16898.   | 3.5 | 21        |
| 84 | 3D Printed Palladium Catalyst for Suzuki-Miyaura Cross-coupling Reactions. <i>ChemCatChem</i> , 2020, 12, 4831-4838.  | 3.7 | 21        |
| 85 | Selective Formation of cis(X)- and trans(X)-Ru(dmbpy)(CO) <sub>2</sub> X <sub>2</sub> Complexes (X = Cl, Br, I, SCN) from Monomeric and Dimeric Ru <sup>II</sup> -mono(dmbpy) Carbonyl Complexes (Dmbpy = 4,4'-Dimethyl-2,2'-bipyridine). <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 101-106. | 2.0 | 20        |
| 86 | Ti <sup>IV</sup> -Sn, Zr <sup>IV</sup> -Sn, and Hf <sup>IV</sup> -Sn Heterodimetallic Complexes: A Stabilizing Unsupported Group 4 <sup>IV</sup> -Group 14 Metal <sup>IV</sup> -Metal Bonds. <i>Organometallics</i> , 2001, 20, 2505-2509.  | 2.3 | 20        |
| 87 | The structure and dynamic behaviour of disubstituted derivatives of [Rh <sub>6</sub> (CO) <sub>16</sub> ] containing heterobidentate bridging phosphine ligands. <i>Dalton Transactions</i> , 2003, , 2468.   | 3.3 | 20        |
| 88 | Unprecedented Enantioselectivity in a Cluster-Based Catalytic System. <i>Organometallics</i> , 2007, 26, 4090-4093.   | 2.3 | 20        |
| 89 | Bi- and Trinuclear Copper(II) Complexes with a Bridging Pyrazole/Oxime Ligand: Structures and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2428-2436.  | 1.2 | 20        |
| 90 | High Turnover Catalase Activity of a Mixed-Valence Mn <sup>II</sup> Mn <sup>III</sup> Complex with Terminal Carboxylate Donors. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3485-3492.   | 2.0 | 20        |

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|-----|--|-----|-----------|
| 91  | Catalytic Oxidation of Alkanes and Alkenes by $H_2O_2$ with a $\mu_4$ -Oxido Diiron(III) Complex as Catalyst/Catalyst Precursor. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3590-3601.   | 2.0 | 20        |
| 92  | Metallogel formation in aqueous DMSO by perfluoroalkyl decorated terpyridine ligands. <i>Dalton Transactions</i> , 2016, 45, 12756-12762.  | 3.3 | 20        |
| 93  | Title is missing!. <i>Catalysis Letters</i> , 2000, 70, 123-125.   | 2.6 | 19        |
| 94  | Molecular structure determination of Ni(II) diimine complex and DMA analysis of Ni(II) diimine-based polyethenes. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1426-1434.  | 2.3 | 19        |
| 95  | Intramolecular Hydrogen-Bonding, Cation- $\pi$ , and $\pi$ -Stacking Interactions Affecting cis/trans Isomerization: Hexacarbonyl tungsten Derivatives of Pyridyl-Substituted Arylphosphane Ligands. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2255-2262. | 2.0 | 19        |
| 96  | Coordination Diversity in Mono- and Oligonuclear Copper(II) Complexes of Pyridine-2-Hydroxamic and Pyridine-2,6-Dihydroxamic Acids. <i>Inorganic Chemistry</i> , 2013, 52, 7633-7644.  | 4.0 | 19        |
| 97  | New Internal-Charge-Transfer Second-Order Nonlinear Optical Chromophores Based on the Donor Ferrocenylpyrazole Moiety. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20277-20287.  | 3.1 | 19        |
| 98  | Bipyridine based metallogels: an unprecedented difference in photochemical and chemical reduction in the in situ nanoparticle formation. <i>Dalton Transactions</i> , 2017, 46, 2793-2802.   | 3.3 | 19        |
| 99  | Preparation of Highly Porous Carbonous Electrodes by Selective Laser Sintering. <i>ACS Applied Energy Materials</i> , 2019, 2, 1314-1318.  | 5.1 | 19        |
| 100 | Reactions of Bis(2-pyridyl)amine and Its Deprotonated Anion with Ruthenium and Osmium Carbonyl Complexes. <i>Organometallics</i> , 2003, 22, 5137-5140.  | 2.3 | 18        |
| 101 | Solid-State Packing of the Square-Planar $[Rh(H_2bim)(CO)_2]_2[A]$ Complexes ( $H_2bim = 2,2$ -biimidazole; $[A]$ ) $T_j$ $ETQq_{1,1}$ 0.784314 rgB  | 3.0 | 18        |
| 102 | Electro- and Photo-driven Reduction of $CO_2$ by a $cis$ - $Os(dimine)(CO)_2Cl_2$ Precursor Catalyst: Influence of the Diimine Substituent and Activation Mode on $CO/HCOO^-$ Selectivity. <i>ChemCatChem</i> , 2016, 8, 2667-2677.  | 3.7 | 18        |
| 103 | Attractive halogen- $\cdots$ -halogen interactions in crystal structure of $cis$ -dibromogold(III) complex. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 477-480.  | 0.8 | 18        |
| 104 | Construction of Spirooxindole Analogues Engrafted with Indole and Pyrazole Scaffolds as Acetylcholinesterase Inhibitors. <i>ACS Omega</i> , 2021, 6, 31539-31556.  | 3.5 | 18        |
| 105 | A Triamidostannate(II) as a $\pi$ -Spectator Ligand in an Organozirconium Complex: $\pi$ Insertion of CO into a $Zr-CH_3$ Fragment in the Presence of a $Zr-Sn$ Bond. <i>Organometallics</i> , 2002, 21, 3477-3480.  | 2.3 | 17        |
| 106 | Olefin-Bond Chemodifferentiation through Cross-Metathesis Reactions: A Stereocontrolled Approach to Functionalized $1,2,3$ -Amino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1894-1901.  | 2.4 | 17        |
| 107 | Considering lithium-ion battery 3D-printing via thermoplastic material extrusion and polymer powder bed fusion. <i>Additive Manufacturing</i> , 2021, 37, 101651.  | 3.0 | 17        |
| 108 | Photochemical Studies of $cis$ (CO), $trans$ (Cl)- $[Ru(bpy)(CO)_2Cl_2]$ ( $bpy = 2,2'$ -bipyridine): Ligand Exchange Reactions in Methanol. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1169-1173.   | 2.0 | 16        |

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|-----|---|-----|-----------|
| 109 | Microwave-Assisted and PdII-Mediated Nitrile-Oxime Coupling. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3467-3471.  | 2.0 | 16        |
| 110 | Synthesis, Structural Characterization and Luminescence Studies of Di- and Trinuclear Gold(I) Alkynylphosphine Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 795-802.   | 1.2 | 16        |
| 111 | Modification of the supramolecular structure of [(thione)Y] (Y = Cl, Br) systems by cooperation of strong halogen bonds and hydrogen bonds. <i>CrystEngComm</i> , 2015, 17, 2718-2727.  | 2.6 | 16        |
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