

Charles Edwin Webster

List of Publications by Year in descending order

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papers

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all docs

109
docs citations

109
times ranked

4264
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Molecular Dimensions for Adsorptives. <i>Journal of the American Chemical Society</i> , 1998, 120, 5509-5516. | 6.6 | 353 |
| 2 | Rhodium Boryl Complexes in the Catalytic, Terminal Functionalization of Alkanes. <i>Journal of the American Chemical Society</i> , 2005, 127, 2538-2552. | 6.6 | 317 |
| 3 | Electrocatalytic and Photocatalytic Hydrogen Production in Aqueous Solution by a Molecular Cobalt Complex. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5941-5944. | 7.2 | 280 |
| 4 | Experimental and Computational Evidence for a Boron-Assisted, σ -Bond Metathesis Pathway for Alkane Borylation. <i>Journal of the American Chemical Society</i> , 2003, 125, 858-859. | 6.6 | 177 |
| 5 | Synthesis, Air Stability, Photobleaching, and DFT Modeling of Blue Light Emitting Platinum CCC-N-Heterocyclic Carbene Pincer Complexes. <i>Organometallics</i> , 2012, 31, 1664-1672. | 1.1 | 104 |
| 6 | Iridium and Ruthenium Complexes of <i>N</i> -Heterocyclic Carbene- and Pyridinol-Derived Chelates as Catalysts for Aqueous Carbon Dioxide Hydrogenation and Formic Acid Dehydrogenation: The Role of the Alkali Metal. <i>Organometallics</i> , 2017, 36, 1091-1106. | 1.1 | 94 |
| 7 | Electronic and Steric Tuning of Catalytic H_2 Evolution by Cobalt Complexes with Pentadentate Polypyridyl-Amine Ligands. <i>Journal of the American Chemical Society</i> , 2018, 140, 9219-9229. | 6.6 | 88 |
| 8 | The Theoretical Transition State Structure of a Model Complex Bears a Striking Resemblance to the Active Site Structure of DMSO Reductase. <i>Journal of the American Chemical Society</i> , 2001, 123, 5820-5821. | 6.6 | 81 |
| 9 | Water Oxidation by Mononuclear Ruthenium Complexes with TPA-Based Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 10564-10571. | 1.9 | 80 |
| 10 | Electronic Effects on a Mononuclear Co Complex with a Pentadentate Ligand for Catalytic H_2 Evolution. <i>Inorganic Chemistry</i> , 2014, 53, 10094-10100. | 1.9 | 79 |
| 11 | Transmetallation from CCC-NHC pincer Zr complexes in the synthesis of air-stable CCC-NHC pincer Co(σ) complexes and initial hydroboration trials. <i>Dalton Transactions</i> , 2016, 45, 2823-2828. | 1.6 | 68 |
| 12 | Superloading of Tin Ligands into Rhodium and Iridium Carbonyl Cluster Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 7576-7578. | 1.9 | 66 |
| 13 | A Method for Characterizing Effective Pore Sizes of Catalysts. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1242-1249. | 1.2 | 65 |
| 14 | Bimetallic Cluster Complexes: The Synthesis, Structures, and Bonding of Ruthenium Carbonyl Cluster Complexes Containing Palladium and Platinum with the Bulky Tri-tert-butyl-phosphine Ligand. <i>Journal of the American Chemical Society</i> , 2004, 126, 5253-5267. | 6.6 | 64 |
| 15 | Multiple Equilibrium Analysis Description of Adsorption on Na ⁺ Mordenite and H ⁺ Mordenite. <i>Journal of the American Chemical Society</i> , 1999, 121, 12127-12139. | 6.6 | 59 |
| 16 | Structures and Energetics of Models for the Active Site of Acetyl-Coenzyme A Synthase: Role of Distal and Proximal Metals in Catalysis. <i>Journal of the American Chemical Society</i> , 2004, 126, 3410-3411. | 6.6 | 59 |
| 17 | Quantum Mechanical Models of the Resting State of the Vanadium-Dependent Haloperoxidase. <i>Inorganic Chemistry</i> , 2004, 43, 4127-4136. | 1.9 | 58 |
| 18 | Exploring Surfaces and Cavities in Lipoxygenase and Other Proteins by Hyperpolarized Xenon-129 NMR. <i>Journal of the American Chemical Society</i> , 1999, 121, 9370-9377. | 6.6 | 54 |

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| 19 | Electrocatalytic reduction of CO ₂ with CCC-NHC pincer nickel complexes. <i>Chemical Communications</i> , 2017, 53, 9442-9445. | 2.2 | 53 |
| 20 | Linkage Isomerization as a Mechanism for Photochromic Materials: Cyclopentadienylmanganese Tricarbonyl Derivatives with Chelatable Functional Groups. <i>Organometallics</i> , 2008, 27, 289-296. | 1.1 | 52 |
| 21 | Highly Active Ruthenium CNC Pincer Photocatalysts for Visible-Light-Driven Carbon Dioxide Reduction. <i>Inorganic Chemistry</i> , 2019, 58, 8012-8020. | 1.9 | 49 |
| 22 | Development of Ultrafast Photochromic Organometallics and Photoinduced Linkage Isomerization of Arene Chromium Carbonyl Derivatives. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2666-2676. | 1.1 | 48 |
| 23 | Near attack conformers dominate $\hat{\nu}^2$ -phosphoglucomutase complexes where geometry and charge distribution reflect those of substrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6910-6915. | 3.3 | 47 |
| 24 | Computational Insights into Degenerate Ethylene Exchange with a Grubbs-Type Catalyst. <i>Journal of the American Chemical Society</i> , 2007, 129, 7490-7491. | 6.6 | 44 |
| 25 | Reaction of the 1,8-Bis(diphenylmethyl)naphthalenediyl Dication with Fluoride: Formation of a Cation Containing a C $\hat{\nu}$ F $\hat{\nu}$ C Bridge. <i>Journal of the American Chemical Society</i> , 2004, 126, 8189-8196. | 6.6 | 43 |
| 26 | Rhodium Silyl Boryl Hydride Complexes: Comparison of Bonding and the Rates of Elimination of Borane, Silane, and Dihydrogen. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5474-5477. | 7.2 | 41 |
| 27 | High-Energy Intermediate or Stable Transition State Analogue: Theoretical Perspective of the Active Site and Mechanism of $\hat{\nu}^2$ -Phosphoglucomutase. <i>Journal of the American Chemical Society</i> , 2004, 126, 6840-6841. | 6.6 | 41 |
| 28 | Time-resolved IR Studies on the Mechanism for the Functionalization of Primary C $\hat{\nu}$ H Bonds by Photoactivated Cp $\hat{\nu}$ W(CO) ₃ (Bpin). <i>Journal of the American Chemical Society</i> , 2010, 132, 1848-1859. | 6.6 | 41 |
| 29 | Synthesis, characterization, photophysical properties, and catalytic activity of an SCS bis(N-heterocyclic thione) (SCS-NHT) Pd pincer complex. <i>Dalton Transactions</i> , 2015, 44, 14475-14482. | 1.6 | 41 |
| 30 | Nickel($\hat{\nu}$) pincer complexes demonstrate that the remote substituent controls catalytic carbon dioxide reduction. <i>Chemical Communications</i> , 2018, 54, 3819-3822. | 2.2 | 39 |
| 31 | A Multiple-Process Equilibrium Analysis of Silica Gel and HZSM-5. <i>Journal of the American Chemical Society</i> , 1998, 120, 538-547. | 6.6 | 37 |
| 32 | Time-Resolved Vibrational Spectroscopy of [FeFe]-Hydrogenase Model Compounds. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7261-7271. | 1.1 | 36 |
| 33 | High Nuclearity Iridium $\hat{\nu}$ Platinum Clusters: Synthesis, Structures, Bonding, and Reactivity. <i>Journal of the American Chemical Society</i> , 2005, 127, 1007-1014. | 6.6 | 34 |
| 34 | Electronic and Steric Effects on Molecular Dihydrogen Activation in [Cp $\hat{\nu}$ OsH ₄ (L)] ⁺ (L = PPh ₃ , AsPh ₃). <i>Journal of the American Chemical Society</i> , 2000, 122, 1000-1008. | 6.8 | 33 |
| 35 | Platinum CCC-NHC benzimidazolyl pincer complexes: synthesis, characterization, photostability, and theoretical investigation of a blue-green emitter. <i>Dalton Transactions</i> , 2013, 42, 8820. | 1.6 | 33 |
| 36 | Nickel $\hat{\nu}$ Manganese Sulfido Carbonyl Cluster Complexes. Synthesis, Structure, and Properties of the Unusual Paramagnetic Complexes Cp ₂ Ni ₂ Mn(CO) ₃ ($\hat{\nu}$ 3-E) ₂ , E = S, Se. <i>Inorganic Chemistry</i> , 2004, 43, 2515-2525. | 1.9 | 32 |

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|----|--|-----|-----------|
| 37 | Extreme π -Loading as a Design Element for Accessing Imido Ligand Reactivity. A CCC-NHC Pincer Tantalum Bis(imido) Complex: Synthesis, Characterization, and Catalytic Oxidative Amination of Alkenes. <i>Organometallics</i> , 2016, 35, 3452-3460. | 1.1 | 31 |
| 38 | Dinuclear Ruthenium and Iron Complexes Containing Palladium and Platinum with Tri-tert-Butylphosphine Ligands: Synthesis, Structures, and Bonding. <i>Inorganic Chemistry</i> , 2004, 43, 3921-3929. | 1.9 | 30 |
| 39 | Synthesis, Characterization, and X-ray Molecular Structure of Tantalum CCC-N-Heterocyclic Carbene (CCC-NHC) Pincer Complexes with Imidazole- and Triazole-Based Ligands. <i>Organometallics</i> , 2014, 33, 952-958. | 1.1 | 30 |
| 40 | Probing the Mechanism of Carbon-Hydrogen Bond Activation by Photochemically Generated Hydridotris(pyrazolyl)borato Carbonyl Rhodium Complexes: New Experimental and Theoretical Investigations. <i>Organometallics</i> , 2008, 27, 189-201. | 1.1 | 29 |
| 41 | De Novo design in organometallic chemistry: stabilizing iridium(V). <i>Coordination Chemistry Reviews</i> , 2003, 238-239, 315-331. | 9.5 | 28 |
| 42 | Theoretical Studies of Inorganic and Organometallic Reaction Mechanisms. 20. Carbon-Hydrogen and Carbon-Carbon Bond Activation of Cyclopropane by Cationic Iridium(III) and Neutral Rhodium(I) and Iridium(I) Complexes. <i>Organometallics</i> , 2001, 20, 5606-5613. | 1.1 | 27 |
| 43 | η^2 -Boration of η^2 -unsaturated carbonyl compounds in ethanol and methanol catalyzed by CCC-NHC pincer Rh complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 802, 32-38. | 0.8 | 27 |
| 44 | Engineering Femtosecond Organometallic Chemistry: Photochemistry and Dynamics of Ultrafast Chelation of Cyclopentadienylmanganese Tricarbonyl Derivatives with Pendant Benzenecarbonyl and Pyridinecarbonyl Groups. <i>Organometallics</i> , 2011, 30, 5611-5619. | 1.1 | 26 |
| 45 | Phosphoryl Transfers of the Phospholipase D Superfamily: A Quantum Mechanical Theoretical Study. <i>Journal of the American Chemical Society</i> , 2013, 135, 13764-13774. | 6.6 | 26 |
| 46 | Enhanced Hydrogen Evolution in Neutral Water Catalyzed by a Cobalt Complex with a Softer Polypyridyl Ligand. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12694-12697. | 7.2 | 25 |
| 47 | <i>Organometallics</i> Roundtable 2013-2014. <i>Organometallics</i> , 2014, 33, 1505-1527. | 1.1 | 24 |
| 48 | Two Carbenes versus One in Magnesium Chemistry: Synthesis of Terminal Dihalide, Dialkyl, and Grignard Reagents. <i>Organometallics</i> , 2019, 38, 688-696. | 1.1 | 24 |
| 49 | Prediction of the reduction potential in transition-metal containing complexes: How expensive? For what accuracy?. <i>Journal of Computational Chemistry</i> , 2017, 38, 2430-2438. | 1.5 | 23 |
| 50 | Factors affecting the structure of substituted tris(pyrazolyl)borate rhodium dicarbonyl complexes. <i>Inorganica Chimica Acta</i> , 2002, 330, 268-282. | 1.2 | 21 |
| 51 | A Mononuclear Tungsten Photocatalyst for H_2 Production. <i>ACS Catalysis</i> , 2018, 8, 4838-4847. | 5.5 | 21 |
| 52 | Minimum Energy Structure of Hydridotris(pyrazolyl)borato Iridium(V) Tetrahydride Is Not a C_3v -Capped Octahedron. <i>Journal of the American Chemical Society</i> , 2001, 123, 9822-9829. | 6.6 | 20 |
| 53 | A Theoretical Study of Phosphoryl Transfers of Tyrosyl-DNA Phosphodiesterase I (Tdp1) and the Possibility of a α -Dead-End-Phosphohistidine Intermediate. <i>Biochemistry</i> , 2015, 54, 4236-4247. | 1.2 | 20 |
| 54 | Singlet Oxygen Formation vs Photodissociation for Light-Responsive Protic Ruthenium Anticancer Compounds: The Oxygenated Substituent Determines Which Pathway Dominates. <i>Inorganic Chemistry</i> , 2021, 60, 2138-2148. | 1.9 | 20 |

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| 55 | The multiple equilibrium analysis quantitative prediction of single and multi-component adsorption isotherms on carbonaceous and zeolitic solids. <i>Microporous and Mesoporous Materials</i> , 1999, 33, 291-306. | 2.2 | 19 |
| 56 | Computational Investigation of the Mechanism for the Activation of CO by Oxorhenium Complexes. <i>Organometallics</i> , 2012, 31, 4055-4062. | 1.1 | 19 |
| 57 | Time-Resolved Infrared Studies of a Trimethylphosphine Model Derivative of [FeFe]-Hydrogenase. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15792-15803. | 1.2 | 19 |
| 58 | Urea decomposition facilitated by a urease model complex: a theoretical investigation. <i>Dalton Transactions</i> , 2005, , 3542. | 1.6 | 17 |
| 59 | The Synthesis and Characterization of Highly Fluorescent Polycyclic Azaborine Chromophores. <i>Journal of Organic Chemistry</i> , 2016, 81, 10955-10963. | 1.7 | 17 |
| 60 | Synthesis, characterization, photophysics, and a ligand rearrangement of CCC-NHC pincer nickel complexes: Colors, polymorphs, emission, and Raman spectra. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 258-265. | 0.8 | 17 |
| 61 | Carbon-Hydrogen Bond Activation in Hydridotris(pyrazolyl)borate Platinum(IV) Complexes: Comparison of Density Functionals, Basis Sets, and Bonding Patterns. <i>Journal of Chemical Theory and Computation</i> , 2007, 3, 2268-2281. | 2.3 | 14 |
| 62 | Photochemistry of Chromium Arene Tricarbonyl Complexes with Tethered Pyridinyl and Propenyl Groups: Investigations of the Effect of Ring Size on Chelate Formation, Structure, and Linkage Isomerization. <i>Organometallics</i> , 2014, 33, 485-497. | 1.1 | 14 |
| 63 | Catalytic H ₂ Evolution by a Mononuclear Cobalt Complex with a Macrocyclic Pentadentate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2134-2139. | 1.0 | 14 |
| 64 | Forty years of Fenske-Hall molecular orbital theory. , 2005, , 1143-1165. | | 13 |
| 65 | Ligand Displacement from TpMn(CO) ₂ L Complexes: A Large Rate Enhancement in Comparison to the CpMn(CO) ₂ L Analogues. <i>Organometallics</i> , 2011, 30, 3054-3063. | 1.1 | 13 |
| 66 | Metal-Ligand Synergistic Effects in the Complex Ni(II)-TEMPO: Synthesis, Structures, and Reactivity. <i>Inorganic Chemistry</i> , 2013, 52, 13882-13893. | 1.9 | 13 |
| 67 | Synthesis of <i>C</i> -Unsubstituted 1,2-Diazetidines and Their Ring-Opening Reactions via Selective N-N Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2018, 83, 9497-9503. | 1.7 | 12 |
| 68 | Tris(carbene) Stabilization of Monomeric Magnesium Cations: A Neutral, Nontethered Ligand Approach. <i>Organometallics</i> , 2020, 39, 4329-4339. | 1.1 | 12 |
| 69 | Computational Analysis of the Intramolecular Oxidative Amination of an Alkene Catalyzed by the Extreme I ⁻ -Loading N-Heterocyclic Carbene Pincer Tantalum(V) Bis(imido) Complex. <i>Organometallics</i> , 2018, 37, 1671-1681. | 1.1 | 11 |
| 70 | Photocatalytic H ₂ -Evolution by Homogeneous Molybdenum Sulfide Clusters Supported by Dithiocarbamate Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 16458-16474. | 1.9 | 11 |
| 71 | Disulfido iron-manganese carbonyl cluster complexes: Synthesis, structure, bonding and properties of the radical CpFeMn ₂ (CO) ₇ (μ ₃ -S) ₂ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2732-2738. | 0.8 | 10 |
| 72 | Degenerate Pathways for Metallacycle Ring Inversions: A Common Phenomenon Consistent with the Principle of Microscopic Reversibility. <i>Organometallics</i> , 2014, 33, 5928-5931. | 1.1 | 10 |

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| 73 | Experimental and Computational Studies of the Mechanisms of Hydroamination/Cyclisation of Unactivated α,β -Amino-alkenes with CCC-NHC Pincer Zr Complexes. <i>Australian Journal of Chemistry</i> , 2016, 69, 573. | 0.5 | 10 |
| 74 | Free methylidyne? CCC-NHC tantalum bis(imido) reactivity: protonation, rearrangement to a mixed unsymmetrical CCC-N-heterocyclic carbene/N-heterocyclic dicarbene (CCC-NHC/NHDC) pincer tantalum bis(imido) complex. <i>Inorganica Chimica Acta</i> , 2018, 469, 164-172. | 1.2 | 10 |
| 75 | Investigation of metallation/transmetallation reactions to synthesize a series of CCC-NHC Co pincer complexes and their X-ray structures. <i>Polyhedron</i> , 2018, 151, 568-574. | 1.0 | 10 |
| 76 | Structure Function Relationships in Ruthenium Carbon Dioxide Reduction Catalysts with CNC Pincers Containing Donor Groups. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2709-2717. | 1.0 | 10 |
| 77 | The vibrational spectrum of Tp3,5-MeRh2(H2): a computational and inelastic neutron scattering study. <i>Inorganica Chimica Acta</i> , 2002, 330, 240-249. | 1.2 | 9 |
| 78 | Water Oxidation by Mononuclear Ruthenium Complex with a Pentadentate Isoquinoline-Bipyridyl Ligand. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 715-721. | 1.0 | 9 |
| 79 | Synthesis, computational, and spectroscopic analysis of tunable highly fluorescent BN-1,2-azaborine derivatives containing the N-BOH moiety. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 10172-10183. | 1.5 | 9 |
| 80 | Structure-Function Analysis of Hydrogen Production Catalyzed by Molecular Cobalt Complexes with Pentadentate Ligands in Aqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3534-3547. | 1.0 | 9 |
| 81 | Controlling Photoisomerization Reactivity Through Single Functional Group Substitutions in Ruthenium Phosphine Sulfoxide Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 9819-9822. | 6.6 | 8 |
| 82 | Low-Valent Cobalt(I) CNC Pincer Complexes as Catalysts for Light-Driven Carbon Dioxide Reduction. <i>ACS Catalysis</i> , 2022, 12, 8718-8728. | 5.5 | 8 |
| 83 | Phosphoramidate hydrolysis catalyzed by human histidine triad nucleotide binding protein 1 (hHint1): a cluster-model DFT computational study. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8661-8668. | 1.5 | 7 |
| 84 | Impact of the Dissolved Anion on the Electrocatalytic Reduction of CO ₂ to CO with Ruthenium CNC Pincer Complexes. <i>ChemCatChem</i> , 2020, 12, 4879-4885. | 1.8 | 7 |
| 85 | Cheminformatic quantum mechanical enzyme model design: A catechol-O-methyltransferase case study. <i>Biophysical Journal</i> , 2021, 120, 3577-3587. | 0.2 | 7 |
| 86 | Bond Energies, Reaction Volumes, and Kinetics for σ - and π -Complexes of Mo(CO) ₅ L. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9004-9013. | 1.1 | 6 |
| 87 | Calibrating Reaction Enthalpies: Use of Density Functional Theory and the Correlation Consistent Composite Approach in the Design of Photochromic Materials. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9982-9997. | 1.1 | 6 |
| 88 | Planar, Stair-Stepped, and Twisted: Modulating Structure and Photophysics in Pyrene- and Benzene-Fused N-Heterocyclic Boranes. <i>Chemistry - A European Journal</i> , 2020, 26, 10072-10082. | 1.7 | 6 |
| 89 | Light-responsive and Protic Ruthenium Compounds Bearing Bathophenanthroline and Dihydroxybipyridine Ligands Achieve Nanomolar Toxicity towards Breast Cancer Cells. <i>Photochemistry and Photobiology</i> , 2021, , . | 1.3 | 6 |
| 90 | A thermodynamic analysis of the Calad method with respect to gas-solid calorimetry. <i>Microporous and Mesoporous Materials</i> , 1999, 31, 205-209. | 2.2 | 5 |

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|-----|--|-----|-----------|
| 91 | The role of triplet states in the long wavelength absorption region of bromine nitrate. <i>Journal of Chemical Physics</i> , 2003, 119, 7864-7870. | 1.2 | 5 |
| 92 | Theoretical studies of cyclic adenosine monophosphate dependent protein kinase: native enzyme and ground-state and transition-state analogues. <i>Dalton Transactions</i> , 2014, 43, 3039-3043. | 1.6 | 5 |
| 93 | Extremely twisted and bent pyrene-fused N-heterocyclic germylenes. <i>Chemical Communications</i> , 2019, 55, 14954-14957. | 2.2 | 5 |
| 94 | Sensitized and Self-Sensitized Photocatalytic Carbon Dioxide Reduction Under Visible Light with Ruthenium Catalysts Shows Enhancements with More Conjugated Pincer Ligands. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, . | 1.0 | 5 |
| 95 | Mechanistic Studies of Oxygen-Atom Transfer (OAT) in the Homogeneous Conversion of N ₂ O by Ru Pincer Complexes. <i>Inorganics</i> , 2022, 10, 69. | 1.2 | 5 |
| 96 | Extension of the electrostatic-covalent model to 2:1 adducts. <i>Polyhedron</i> , 1999, 18, 1097-1106. | 1.0 | 4 |
| 97 | The missing agostomer in the fluxionality of cyclohexenylmanganese tricarbonyl. <i>Journal of Organometallic Chemistry</i> , 2018, 864, 128-135. | 0.8 | 4 |
| 98 | Enhanced Hydrogen Evolution in Neutral Water Catalyzed by a Cobalt Complex with a Softer Polypyridyl Ligand. <i>Angewandte Chemie</i> , 2020, 132, 12794-12797. | 1.6 | 3 |
| 99 | Benchmarking the Fluxional Processes of Organometallic Piano-Stool Complexes. <i>Molecules</i> , 2021, 26, 2310. | 1.7 | 3 |
| 100 | Triphenylene containing blue-light emitting semi-fluorinated aryl ether polymers with excellent thermal and photostability. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1391-1404. | 3.2 | 3 |
| 101 | Theoretical study of the biologically important dioxo diiron diamond core structures. <i>Theoretical Chemistry Accounts</i> , 2008, 120, 467-478. | 0.5 | 2 |
| 102 | The trans \leftrightarrow cis isomerization of Ni(η -2-TEMPO) ₂ : Interconnections and conformational complexity. <i>Inorganica Chimica Acta</i> , 2015, 436, 220-229. | 1.2 | 2 |
| 103 | The curious case of DMSO: A CCSD(T)/CBS(aQ56+d) benchmark and DFT study. <i>Journal of Chemical Physics</i> , 2021, 155, 114304. | 1.2 | 2 |
| 104 | Predicting Absorption and Emission Maxima of Polycyclic Aromatic Azaborines: Reliable Transition Energies and Character. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3-12. | 1.1 | 1 |