

Reza Kia

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Palladium Nanoparticles Immobilized on Nano-Silica Triazine Dendritic Polymer (Pd _n -STDP): An Efficient and Reusable Catalyst for Suzuki-Miyaura Cross-Coupling and Heck Reactions. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 957-972. | 4.3 | 141 |
| 2 | Salicylate-Selective Electrodes Based on Al(III) and Sn(IV) Salophens. <i>Analytical Chemistry</i> , 2000, 72, 956-962. | 6.5 | 101 |
| 3 | Cyclometalated Cluster Complex with a Butterfly-Shaped Pt ₂ Ag ₂ Core. <i>Inorganic Chemistry</i> , 2010, 49, 2721-2726. | 4.0 | 41 |
| 4 | New Pyridinium-Based Ionic Liquid as an Excellent Solvent-Catalyst System for the One-Pot Three-Component Synthesis of 2,3-Disubstituted Quinolines. <i>ACS Combinatorial Science</i> , 2014, 16, 93-100. | 3.8 | 40 |
| 5 | Synthesis, spectral characterization and crystal structure studies of a new hydrazone Schiff base and its dioxomolybdenum(VI) complex. <i>Journal of Coordination Chemistry</i> , 2015, 68, 1441-1451. | 2.2 | 34 |
| 6 | Synthesis, structure and photophysical properties of binuclear methylplatinum complexes containing cyclometalating 2-phenylpyridine or benzoquinoline ligands: a comparison of intramolecular Pt-Pt and Pt-Ir interactions. <i>Dalton Transactions</i> , 2011, 40, 9123. | 3.3 | 33 |
| 7 | Efficient and environmentally-benign three-component synthesis of quinolines and bis-quinolines catalyzed by recyclable potassium dodecatungstocobaltate trihydrate under microwave irradiation. <i>RSC Advances</i> , 2012, 2, 8713. | 3.6 | 33 |
| 8 | Assembly of Cyclometalated Platinum(II) Complexes via 1,1'-Bis(diphenylphosphino)ferrocene Ligand: Kinetics and Mechanisms. <i>Organometallics</i> , 2011, 30, 1466-1477. | 2.3 | 27 |
| 9 | Application of a multi-SO ₃ H Brønsted acidic ionic liquid in water: a highly efficient and reusable catalyst for the regioselective and scaled-up synthesis of pyrazoles under mild conditions. <i>RSC Advances</i> , 2012, 2, 5610. | 3.6 | 27 |
| 10 | Geometric and electronic properties in a series of phosphorescent heteroleptic Cu(I) complexes: Crystallographic and computational studies. <i>Polyhedron</i> , 2017, 124, 166-176. | 2.2 | 26 |
| 11 | Bis(diphenylphosphino)acetylene as bifunctional ligand in cycloplatinated complexes: Synthesis, characterization, crystal structures and mechanism of MeI oxidative addition. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 148-157. | 1.8 | 22 |
| 12 | Synthesis of Quinolines and Pyrido[3,2-g] or 2,3-g]quinolines Catalyzed by Heterogeneous Propylphosphonium Tetrachloroindate Ionic Liquid. <i>Journal of Organic Chemistry</i> , 2018, 83, 14743-14750. | 3.2 | 16 |
| 13 | {[Pb(PDT) ₄][PbBr ₃] ₂ } ₂ : Aggregation of Novel Discrete Cationic Lead(II) Complexes with an Anionic 1D Coordination Polymer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1352-1354. | 1.2 | 14 |
| 14 | New chloro- and trifluoroacetato tricarbonylrhenium(I) complexes with a N,N'-bis(benzophenone)-1,2-diiminoethane Schiff base ligand: Spectral and structural studies. <i>Polyhedron</i> , 2007, 26, 1711-1716. | 2.2 | 12 |
| 15 | Syntheses, crystal structures, and antibacterial activities of two cobalt(III) complexes. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3007-3018. | 2.2 | 11 |
| 16 | Cyclometalated platinum(II) complexes of 2,2'-bipyridine N-oxide containing a 1,1'-bis(diphenylphosphino)ferrocene ligand: structural, computational and electrochemical studies. <i>Dalton Transactions</i> , 2017, 46, 2013-2022. | 3.3 | 11 |
| 17 | Synthesis, X-ray crystallography, thermogravimetric analysis and spectroscopic characterization of isostructural one-dimensional coordination polymers as sorbents for some anions. <i>CrystEngComm</i> , 2018, 20, 1783-1796. | 2.6 | 11 |
| 18 | Facile and Green One-Pot Synthesis of Fluorophore Chromeno[4,3-b]quinolin-6-one Derivatives Catalyzed by Halloysite Nanoclay under Solvent-free Conditions. <i>ChemistrySelect</i> , 2019, 4, 2301-2306. | 1.5 | 11 |

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|----|--|-----|-----------|
| 19 | Regiochemistry of nucleophilic substitution of pentachloropyridine with N and O bidentate nucleophiles. <i>New Journal of Chemistry</i> , 2015, 39, 4398-4406. | 2.8 | 10 |
| 20 | Intermolecular C=O and n → π* and short intramolecular f → π* interactions in the molybdenum(0) tetracarbonyl complex of a very twisted 14-membered tetraazaannulene macrocyclic ligand: structural and computational studies. <i>CrystEngComm</i> , 2019, 21, 5222-5226. | 2.6 | 10 |
| 21 | New rhenium-tricarbonyl complexes bearing halogen-substituted bidentate ligands: structural, computational and Hirshfeld surfaces studies. <i>CrystEngComm</i> , 2019, 21, 77-93. | 2.6 | 10 |
| 22 | Synthesis, spectroscopic studies and crystal structures of ReI(CO) ₃ (NN)Cl complexes with N,N- ϵ^2 -bis(substituted benzylidene)ethane-1,2-diamine Schiff base ligands. <i>Transition Metal Chemistry</i> , 2010, 35, 81-87. | 1.4 | 9 |
| 23 | Reactivity of a new aryl cycloplatinated (<sc>ii</sc>) complex containing rollover 2,2- ϵ^2 -bipyridine <i>N</i>-oxide toward a series of diphosphine ligands. <i>New Journal of Chemistry</i> , 2018, 42, 9159-9167. | 2.8 | 9 |
| 24 | Homoleptic tetraazaphenanthrene-based copper(I) complexes: Synthesis, spectroscopic characterization, crystal structures and computational studies. <i>Inorganica Chimica Acta</i> , 2014, 423, 348-357. | 2.4 | 8 |
| 25 | Calixarene Based Ionic Liquid as an Efficient and Reusable Catalyst for One-pot Multicomponent Synthesis of Polysubstituted Pyridines and Bis-pyridines. <i>ChemistrySelect</i> , 2019, 4, 5903-5910. | 1.5 | 8 |
| 26 | Pt- ϵ^2 (M = Au and Tl) Dative Bonds Using Bis(cyclometalated)platinum(II) Complexes. <i>Organometallics</i> , 2019, 38, 1709-1720. | 2.3 | 8 |
| 27 | Re(I)(tricarbonyl)(carboxylate) complexes with the [N,N- ϵ^2 -bis(2,4,6-trimethylbenzene)-1,4-diazabutadiene] (2,4,6-Me ₃ G) and [N,N- ϵ^2 -bis(2,4-dimethylbenzene)-2,3-dimethyl-1,4-diazabutadiene] (2,4-Me ₂ D) ligands ϵ^2 Syntheses and spectroscopic studies. The crystal structure of [Re(CO) ₃ (2,4,6-Me ₃ G)(OCOCF ₃)]. <i>Polyhedron</i> , 2007, 26, 2906-2910. | 2.2 | 7 |
| 28 | Synthesis, Characterization, X-Ray Structural Analysis, and Iodination Ability of Benzyl(triphenyl)phosphonium Dichloroiodate. <i>Helvetica Chimica Acta</i> , 2011, 94, 2248-2255. | 1.6 | 7 |
| 29 | [N,N- ϵ^2 -Bis(2,4-dimethylbenzene)-2,3-dimethyl-1,4-diazabuta-1,3-diene]-fac-tricarbonyl(trifluoroacetato)rhenium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m566-m567. | 0.2 | 6 |
| 30 | Structural, Non-Covalent Interaction, and Natural Bond Orbital Studies on Bromido-Tricarbonyl Rhenium(I) Complexes Bearing Alkyl-Substituted 1,4-Diazabutadiene (DAB) Ligands. <i>Crystals</i> , 2020, 10, 267. | 2.2 | 6 |
| 31 | <i>N</i>- ϵ^2 -Bis[2-chloro-5-(trifluoromethyl)benzylidene]ethane-1,2-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1722-o1723. | 0.2 | 6 |
| 32 | Synthesis and characterization of copper(II) complexes incorporating pyrazolyl-derived N,S-donor bidentate ligands. <i>Transition Metal Chemistry</i> , 2012, 37, 611-617. | 1.4 | 5 |
| 33 | A new tetranuclear copper(I) cluster of 1,3-bis(4-bromophenyl)triazene ligand: Synthesis, characterization, structural and computational studies. <i>Inorganica Chimica Acta</i> , 2016, 446, 32-40. | 2.4 | 5 |
| 34 | Supramolecular assembly through intermolecular n → π* interactions through a coordinated perhenate formed <i>via</i> superoxidation of Re(<sc>i</sc>) to Re(<sc>vii</sc>) in the formation of substituted Re(CO) ₃ complexes bearing Diimine ligands. <i>CrystEngComm</i> , 2020, 22, 6448-6452. | 2.6 | 5 |
| 35 | Tricarbonylrhenium(I) complexes with N,N- ϵ^2 -bis(2- and 4-nitrobenzaldehyde)-1,2-diiminoethane Schiff base ligands: synthesis, spectroscopic and crystal structure studies. <i>Transition Metal Chemistry</i> , 2009, 34, 225-230. | 1.4 | 4 |
| 36 | A mechanistic study on unexpected and solvent-based pH-tuneable role of benzylic pendant side-arm on N ₂ O ₂ -donor naphthodiaza-crown macrocyclic ligand as a sensitive fluorogenic chemosensor for Al ³⁺ in aqueous solution: X-ray, NMR, photophysical, and computational studies. <i>Journal of Luminescence</i> , 2017, 188, 258-266. | 3.1 | 4 |

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|----|---|-----|-----------|
| 37 | Stable <i>trans</i> isomer as the kinetic and thermodynamic product for the oxidative addition of MeI to cycloplatinated(II) complexes comprising isocyanide ligands. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4216. | 3.5 | 3 |
| 38 | fac-[N,N'-Bis(3-chloro-2-fluorobenzylidene)ethylenediamine]bromidotricarbonylrhenium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m192-m193. | 0.2 | 3 |
| 39 | Intra- and intermolecular interactions in a series of chlorido-tricarbonyl-diazabutadienerhenium(I) complexes: structural and theoretical studies. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 417-426. | 1.1 | 3 |
| 40 | fac-Bis(acetonitrile- $\hat{\nu}$ N)tricarbonyl(trifluoroacetato- $\hat{\nu}$ O)rhenium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1314-m1314. | 0.2 | 2 |
| 41 | First heterobimetallic Ag ^I Co ^{III} coordination compound with both bridging and terminal $\hat{\nu}$ NO ₂ coordination modes: synthesis, characterization, structural and computational studies of (PPh ₃) ₂ Ag ^I Co ^{III} (NO ₂) ₂ . <i>Acta Crystallographica Section C: Structural Chemistry</i> , 2018, 74, 882-888. | 0.8 | 1 |
| 42 | Non-covalent sulfoxide $\hat{\nu}$ (nitrosyl group) interactions involving coordinated nitrosyl in a Ru($\hat{\nu}$ ii) nitrosyl complex with an $\hat{\nu}$ -diimine ligand: structural and computational studies. <i>CrystEngComm</i> , 2020, 22, 7532-7537. | 2.6 | 2 |
| 43 | N,N'-Bis(3-chloro-2-fluorobenzylidene)ethane-1,2-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1916-o1916. | 0.2 | 2 |
| 44 | N,N'-Bis(4-bromo-2-fluorobenzylidene)ethane-1,2-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1941-o1942. | 0.2 | 2 |
| 45 | Catalyst-Free and Green Synthesis of Some Novel Benzamide Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1848-1857. | 2.6 | 1 |
| 46 | Syntheses and crystal structure of bis(2-(2-thienyl)-4,5-dihydro-1H-imidazole) copper(I) iodide. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s267-s267. | 0.3 | 1 |
| 47 | N,N'-Bis(3,5-dichlorobenzylidene)ethane-1,2-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2131-o2131. | 0.2 | 1 |
| 48 | N,N'-Bis(4-chloro-3-fluorobenzylidene)ethane-1,2-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2169-o2169. | 0.2 | 1 |
| 49 | Structural and theoretical exploring of noncovalent interactions in Chlorido- and Nitrito-rhenium(I) tricarbonyl complexes bearing 2,3-Butadiene-bis(2-nitrobenzylidene)hydrazine Ligand: Intramolecular Re $\hat{\nu}$ 1-endo-ONO(lone pair) $\hat{\nu}$ (C O) interaction. <i>Inorganica Chimica Acta</i> , 2022, 540, 121049. | 2.4 | 0 |