

Reza Kia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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 σ -P σ -endo-ONO(lone pair) σ - σ *(C O) interaction. <i>Inorganica Chimica Acta</i> , 2022, 540, 121049.	2.4	0
2	Supramolecular assembly through intermolecular n σ * interactions through a coordinated perhenate formed <i>via</i> superoxidation of Re(σ) to Re(σ) in the formation of substituted Re(CO) ₃ complexes bearing Diimine ligands. <i>CrystEngComm</i> , 2020, 22, 6448-6452.	2.6	5
3	Non-covalent sulfoxide σ -(nitrosyl group) interactions involving coordinated nitrosyl in a Ru(σ) nitrosyl complex with an σ -diimine ligand: structural and computational studies. <i>CrystEngComm</i> , 2020, 22, 7532-7537.	2.6	2
4	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
5	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
6	Intermolecular C σ -H σ -O and n σ * and short intramolecular σ - σ * 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
7	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
8	Calixarene Based Ionic Liquid as an Efficient and Reusable Catalyst for One-Pot Multicomponent Synthesis of Polysubstituted Pyridines and Bispyridines. <i>ChemistrySelect</i> , 2019, 4, 5903-5910.	1.5	8
9	Pt σ (M = Au and Tl) Dative Bonds Using Bis(cyclometalated)platinum(II) Complexes. <i>Organometallics</i> , 2019, 38, 1709-1720.	2.3	8
10	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
11	Reactivity of a new aryl cycloplatinated(σ) complex containing rollover 2,2'-bipyridine N-oxide toward a series of diphosphine ligands. <i>New Journal of Chemistry</i> , 2018, 42, 9159-9167.	2.8	9
12	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
13	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
14	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
15	First heterobimetallic Ag ^I -Co ^{III} coordination compound with both bridging and terminal σ -NO ₂ coordination modes: synthesis, characterization, structural and computational studies of (PPh ₃) ₂ Ag ^I (σ -(1/4- σ) Tj ETQq1 1 0.784314 r σ BT /Overlaid) <i>Acta Crystallographica Section C: Structural Chemistry</i> , 2018, 74, 882-888.	0.78	0
16	Cyclometalated platinum(σ) 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	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
18	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

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19	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
20	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
21	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
22	Catalyst-Free and Green Synthesis of Some Novel Benzamide Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1848-1857.	2.6	1
23	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
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	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
26	Palladium Nanoparticles Immobilized on Nano-Silica Triazine Dendritic Polymer (Pd _{np} -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
27	Syntheses, crystal structures, and antibacterial activities of two cobalt(III) complexes. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3007-3018.	2.2	11
28	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
29	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
30	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
31	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
32	Synthesis, structure and photophysical properties of binuclear methylplatinum complexes containing cyclometalating 2-phenylpyridine or benzo{h}quinoline ligands: a comparison of intramolecular Pt-Pt and Pt-Ir interactions. <i>Dalton Transactions</i> , 2011, 40, 9123.	3.3	33
33	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
34	Synthesis, spectroscopic studies and crystal structures of ReI(CO) ₃ (NN)Cl complexes with N,N'-bis(substituted benzylidene)ethane-1,2-diamine Schiff base ligands. <i>Transition Metal Chemistry</i> , 2010, 35, 81-87.	1.4	9
35	Cyclometalated Cluster Complex with a Butterfly-Shaped Pt ₂ Ag ₂ Core. <i>Inorganic Chemistry</i> , 2010, 49, 2721-2726.	4.0	41
36	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

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37	Tricarbonylrhenium(I) complexes with N,N'-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
38	{[Pb(PDT) ₄][PbBr ₃] 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
39	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
40	fac-Bis(acetonitrile- $\hat{\text{N}}$)tricarbonyl(trifluoroacetato- $\hat{\text{O}}$)rhenium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1314-m1314.	0.2	2
41	$\text{N,N}'\text{-Bis}[2\text{-chloro-5-(trifluoromethyl)benzylidene}]\text{ethane-1,2-diamine}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1722-o1723.	0.2	6
42	$\text{N,N}'\text{-Bis}(3\text{-chloro-2-fluorobenzylidene})\text{ethane-1,2-diamine}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1916-o1916.	0.2	2
43	$\text{N,N}'\text{-Bis}(4\text{-bromo-2-fluorobenzylidene})\text{ethane-1,2-diamine}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1941-o1942.	0.2	2
44	$\text{N,N}'\text{-Bis}(3,5\text{-dichlorobenzylidene})\text{ethane-1,2-diamine}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2131-o2131.	0.2	1
45	$\text{N,N}'\text{-Bis}(4\text{-chloro-3-fluorobenzylidene})\text{ethane-1,2-diamine}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2169-o2169.	0.2	1
46	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
47	Re(I)(tricarbonyl)(carboxylate) complexes with the [N,N'-bis(2,4,6-trimethylbenzene)-1,4-diazabutadiene] (2,4,6-Me3C) and [N,N'-bis(2,4-dimethylbenzene)-2,3-dimethyl-1,4-diazabutadiene] (2,4-Me2D) ligands. Syntheses and spectroscopic studies. The crystal structure of [Re(CO) ₃ (2,4,6-Me3C)(OCOCF ₃)]. <i>Polyhedron</i> , 2007, 26, 2906-2910.	2.2	7
48	[N,N'-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
49	Salicylate-Selective Electrodes Based on Al(III) and Sn(IV) Salophens. <i>Analytical Chemistry</i> , 2000, 72, 956-962.	6.5	101