

Mohan Rao Kollipara

List of Publications by Year in descending order

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110
papers

1,621
citations

331642

21
h-index

454934

30
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111
all docs

111
docs citations

111
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic half-sandwich complexes (Rh,Ir,Ru) containing 2-substituted-1,8-naphthyridine chelating ligands: Syntheses, X-ray structure analyses and spectroscopic studies. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3049-3056.	1.8	67
2	Reactivity studies of η^6 -arene ruthenium (II) dimers with polypyridyl ligands: isolation of mono, binuclear p-cymene ruthenium (II) complexes and bisterpyridine ruthenium (II) complexes. <i>Polyhedron</i> , 2003, 22, 3155-3160.	2.2	48
3	Reactivity studies of (η^6 -arene)ruthenium dimeric complexes towards pyrazoles: isolation of amidines, bis pyrazoles and chloro bridged pyrazole complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3265-3274.	1.8	48
4	Syntheses and characterization of arene ruthenium (II) complexes containing N,N π -donor Schiff base ligands. Crystal and molecular structure of [$(\eta^6$ -C ₆ Me ₆)Ru(C ₅ H ₄ N-2-CH π ...N π -,C ₆ H ₄ -p-NO ₂)]PF ₆ . <i>Polyhedron</i> , 2003, 22, 605-609.	2.2	46
5	Synthesis of arene ruthenium triazolato complexes by cycloaddition of the corresponding arene ruthenium azido complexes with activated alkynes or with fumaronitrile. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3509-3518.	1.8	43
6	Study of novel η^5 -cyclopentadienyl and η^6 -arene platinum group metal complexes containing a N ₄ -type ligand and their structural characterization. <i>Polyhedron</i> , 2009, 28, 844-850.	2.2	43
7	Ruthenium half-sandwich complexes with tautomerized pyrazolyl-pyridazine ligands: Synthesis, spectroscopic and molecular structural studies. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2618-2627.	1.8	37
8	Synthesis and evaluation of new salicylaldehyde-2-picolinylhydrazone Schiff base compounds of Ru(II), Rh(III) and Ir(III) as in vitro antitumor, antibacterial and fluorescence imaging agents. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 619-638.	2.6	36
9	Synthesis, structure, antibacterial studies and DFT calculations of arene ruthenium, Cp π -Rh, Cp π -Ir and tricarbonylrhenium metal complexes containing 2-chloro-3-(3-(2-pyridyl)pyrazolyl)quinoxaline ligand. <i>Inorganica Chimica Acta</i> , 2016, 441, 95-108.	2.4	35
10	Antibacterial, in vitro antitumor activity and structural studies of rhodium and iridium complexes featuring the two positional isomers of pyridine carbaldehyde picolinic hydrazone ligand. <i>Arabian Journal of Chemistry</i> , 2018, 11, 714-728.	4.9	33
11	Antimicrobial selectivity of ruthenium, rhodium, and iridium half sandwich complexes containing phenyl hydrazone Schiff base ligands towards <i>B. thuringiensis</i> and <i>P. aeruginosa</i> bacteria. <i>Inorganica Chimica Acta</i> , 2019, 484, 255-263.	2.4	32
12	Investigation of the coordination chemistry of multidentate azine Schiff-base ligands towards d ₆ half-sandwich metal complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 848, 95-103.	1.8	27
13	New mononuclear ruthenium complexes of η^5 -cyclohydrocarbon containing azine ligands: Syntheses, spectral and structural studies. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3720-3729.	1.8	26
14	Study of new mononuclear platinum group metal complexes containing η^5 and η^6 "Carbocyclic ligands and nitrogen based derivatives and formation of helices due to NH π -Cl interactions. <i>Journal of Molecular Structure</i> , 2010, 979, 205-213.	3.6	26
15	Neutral and cationic half-sandwich arene d ⁶ metal complexes containing pyridyl and pyrimidyl thiourea ligands with interesting bonding modes: Synthesis, structural and anticancer studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4476.	3.5	26
16	Arene ruthenium η^2 -diketonato triazolato derivatives: Synthesis and spectral studies (η^2 -diketones:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry</i> , 2009, 694, 3881-3891.	1.8	24
17	Reactivity study of arene(azido)ruthenium N π -O-base complexes with activated alkynes. <i>Inorganica Chimica Acta</i> , 2011, 376, 428-436.	2.4	24
18	Synthesis, Spectroscopic and Molecular Studies of Half-sandwich η^6 -Arene Ruthenium, Cp π Rhodium and Cp π Iridium Metal Complexes with Bidentate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 715-723.	1.2	24

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19	Study of complexes of platinum group metals containing nitrogen bases derived from pyridine aldehydes: Interesting molecular structures with unpredicted bonding modes of the ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2014-2022.	1.8	23
20	Synthesis, characterization and chemosensitivity studies of half-sandwich ruthenium, rhodium and iridium complexes containing η^5 and η^6 arylthiourea ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 272-280.	1.8	23
21	Synthesis, characterization and molecular structure of the $[(\eta^6\text{-C}_6\text{Me}_6)\text{Ru}(\eta^5\text{-N}_3)(\text{N}_3)]_2$ complex and its reactions with some monodentate ligands. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3108-3112.	1.8	21
22	Novel mononuclear η^5 -pentamethylcyclopentadienyl complexes of platinum group metals bearing pyrazolylpyridazine ligands: Syntheses and spectral studies. <i>Inorganica Chimica Acta</i> , 2010, 363, 2287-2295.	2.4	21
23	Synthesis, structural and antimicrobial studies of half-sandwich ruthenium, rhodium and iridium complexes containing nitrogen donor Schiff-base ligands. <i>Journal of Molecular Structure</i> , 2019, 1191, 314-322.	3.6	21
24	Synthesis, characterization and molecular structures of allenylidene, vinylidene and alkylidene complexes containing $[\text{CpOs}(\text{PPh}_3)_2]^+$ fragment. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 539-543.	1.8	20
25	Pentamethylcyclopentadienyl ruthenium(II) complexes of para-substituted N-(pyrid-2-ylmethylene)-phenylamine ligands: syntheses, spectral and structural studies. <i>Polyhedron</i> , 2005, 24, 391-396.	2.2	20
26	Neutral and cationic half-sandwich arene ruthenium, Cp^*Rh and Cp^*Ir oximate and oxime complexes: Synthesis, structural, DFT and biological studies. <i>Journal of Organometallic Chemistry</i> , 2016, 820, 70-81.	1.8	20
27	Synthesis, structural and chemosensitivity studies of arene d ⁶ metal complexes having N-phenyl-N ⁺ -(pyridyl/pyrimidyl)thiourea derivatives. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4362.	3.5	20
28	Mono and dinuclear complexes of half-sandwich platinum group metals (Ru, Rh and Ir) bearing a flexible pyridyl-thiazole multidentate donor ligand. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 226-234.	1.8	19
29	Mono and dinuclear half-sandwich platinum group metal complexes bearing pyrazolyl-pyrimidine ligands: Syntheses and structural studies. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 495-504.	1.8	19
30	Spectral, structural and DFT studies of platinum group metal 3,6-bis(2-pyridyl)-4-phenylpyridazine complexes and their ligand bonding modes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 707-716.	1.8	19
31	Synthesis, Characterization and Molecular Structure of a new (η^6 -P-Cymene) Ruthenium(II) Amidine Complex, $[(\eta^6\text{-P-Cymene})\text{Ru}\{\text{NH}=\text{C}(\text{Me})_3, 5\text{-Dmpz}\}(3, 5\text{-Hdmpz})](\text{BF}_4)_2 \cdot \text{H}_2\text{O}$. <i>Journal of Coordination Chemistry</i> , 2003, 56, 1085-1091.	2.2	18
32	Half-sandwich ruthenium, rhodium and iridium complexes featuring oxime ligands: Structural studies and preliminary investigation of <i>in vitro</i> and <i>in vivo</i> anti-tumour activities. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3640.	3.5	18
33	Synthesis of indenyl ruthenium triazolato complexes by $[3+2]$ cycloaddition of activated nitrile and		

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37	Synthesis of half sandwich platinum group metal complexes containing pyridyl benzothiazole hydrazones: Study of bonding modes and antimicrobial activity. <i>Journal of Organometallic Chemistry</i> , 2020, 914, 121225.	1.8	17
38	Study of half sandwich platinum group metal complexes containing tetradentate N-donor ligand bearing two di-pyridylamine units linked by an aromatic spacer. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 702-708.	1.8	16
39	Synthesis and molecular studies of half-sandwich arene ruthenium and Cp*Rh/Cp*Ir complexes containing (3-picoyl)thiourea derivatives as N,S-bidentate donor ligands. <i>Transition Metal Chemistry</i> , 2015, 40, 531-539.	1.4	16
40	Synthesis of strained complexes of arene d6 metals with benzoylthiourea and their spectral studies. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 26-36.	1.8	16
41	Synthesis, structural and in-vitro functional studies of half-sandwich platinum group metal complexes having various bonding modes of benzhydrazone derivative ligands. <i>Polyhedron</i> , 2020, 176, 114293.	2.2	16
42	Fluorenone Schiff base derivative complexes of ruthenium, rhodium and iridium exhibiting efficient antibacterial activity and DNA-binding affinity. <i>Journal of Organometallic Chemistry</i> , 2020, 915, 121246.	1.8	16
43	Platinum group complexes containing salicylaldehyde based thiosemicarbazone ligands: Their synthesis, characterization, bonding modes, antibacterial and antioxidant studies. <i>Journal of Organometallic Chemistry</i> , 2020, 918, 121298.	1.8	16
44	Reactivity Studies of η^5 -Indenyl and η^5 -Cp* Ruthenium(II) Complexes towards some Polypyridyl Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 172-179.	1.2	15
45	Half sandwich platinum group metal complexes of thiourea derivative ligands with benzothiazole moiety possessing anti-bacterial activity and colorimetric sensing: Synthesis and characterisation. <i>Journal of Organometallic Chemistry</i> , 2019, 884, 44-54.	1.8	15
46	Versatile coordination modes of benzothiazole hydrazone derivatives towards Ru(II), Rh(III) and Ir(III) complexes and their reactivity studies with azides and activated alkynes. <i>Journal of Organometallic Chemistry</i> , 2019, 891, 54-63.	1.8	15
47	A survey of crystal structures and biological activities of platinum group metal complexes containing η^5 -N-acylthiourea ligands. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 779-804.	1.6	15
48	Ru, Rh and Ir metal complexes of pyridyl chalcone derivatives: Their potent antibacterial activity, comparable cytotoxicity potency and selectivity to cisplatin. <i>Polyhedron</i> , 2020, 185, 114606.	2.2	15
49	Synthesis, structural, DFT studies and antibacterial evaluation of Cp*—rhodium and Cp*—iridium complexes using hydrazide based dipyridyl ketone ligand. <i>Inorganica Chimica Acta</i> , 2016, 443, 126-135.	2.4	14
50	Half-sandwich d 6 metal complexes comprising of 2-substituted-1,8-naphthyridine ligands with unexpected bonding modes: Synthesis, structural and anti-cancer studies. <i>Journal of Organometallic Chemistry</i> , 2018, 854, 27-37.	1.8	14
51	Half-sandwich platinum group metal complexes containing coumarin-N-acylhydrazone hybrid ligands: Synthesis and biological evaluation studies. <i>Inorganica Chimica Acta</i> , 2021, 525, 120459.	2.4	14
52	Syntheses of (η^6 -p-cymene)ruthenium(II) piano-stool amine complexes: molecular structure of [η^6 -C ₁₀ H ₁₄)RuCl ₂ (H ₂ N-C ₆ H ₄ -p-Cl)]. <i>Journal of Coordination Chemistry</i> , 2006, 59, 131-136.	2.2	13
53	Pyridyl azine Schiff-base ligands exhibiting unexpected bonding modes towards ruthenium, rhodium and iridium half-sandwich complexes: Synthesis and structural studies. <i>Journal of Organometallic Chemistry</i> , 2017, 836-837, 8-16.	1.8	13
54	Synthesis and biological studies of ruthenium, rhodium and iridium metal complexes with pyrazole-based ligands displaying unpredicted bonding modes. <i>Inorganica Chimica Acta</i> , 2017, 462, 223-235.	2.4	13

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55	Half-sandwich arene ruthenium, rhodium and iridium thiosemicarbazone complexes: synthesis, characterization and biological evaluation. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	13
56	Syntheses of [(η -6-p-cymene)Ru(EPh ₃) ₂ Cl] ⁺ complexes and molecular structure of chloro(η -6-p-cymene)Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Coordination Chemistry, 2003, 56, 1499-1504.	2.2	12
57	Substitution reactions of diphenyl-2-pyridylphosphine with [(η -5-C ₅ Me ₅)M(η -4-Cl)Cl] ₂ (M = Rh or Ir) dimers: Isolation of mono- η , di- η and chelating complexes. <i>Journal of Chemical Sciences</i> , 2006, 118, 319-326.	1.5	12
58	New pentamethylcyclopentadienyl rhodium and iridium complexes containing arylazoimidazole ligands: Crystal and molecular structure of the complex [(η -5-C ₅ Me ₅)RhCl(Me η -C ₆ H ₄ η -NN η -C ₃ H ₃ N ₂)] ⁺ . <i>Polyhedron</i> , 2007, 26, 5039-5044.	2.2	12
59	Novel platinum group metal complexes bearing bidentate chelating pyrimidyl-NHC and pyrimidyl imidazolyl-thione ligands: Syntheses, spectral and structural characterization. <i>Inorganica Chimica Acta</i> , 2012, 387, 37-44.	2.4	12
60	Mononuclear half-sandwich cyclic- η -perimeter platinum group metal complexes having bithiazole ligands: Synthesis, molecular and anti-cancer studies. <i>Inorganica Chimica Acta</i> , 2014, 421, 349-358.	2.4	12
61	Structure elucidation and in silico docking studies of a novel furopyrimidine antibiotics synthesized by endolithic bacterium <i>Actinomadura</i> sp. AL2. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 178.	3.6	12
62	Synthesis and antimicrobial studies of half-sandwich arene platinum group complexes containing pyridylpyrazolyl ligands. <i>Journal of Coordination Chemistry</i> , 2019, 72, 294-308.	2.2	12
63	Study of versatile coordination modes, antibacterial and radical scavenging activities of arene ruthenium, rhodium and iridium complexes containing fluorenone based thiosemicarbazones. <i>Journal of Organometallic Chemistry</i> , 2022, 957, 122148.	1.8	12
64	Ruthenium, rhodium and iridium complexes containing diazafluorene derivative ligands: synthesis and biological studies. <i>Journal of Chemical Sciences</i> , 2022, 134, 1.	1.5	12
65	Hydroxylation of azomethine carbon: isolation of complexes of η -5 and η -6-cyclic hydrocarbon platinum group metals with a new Schiff-base ligand. <i>Journal of Coordination Chemistry</i> , 2011, 64, 4168-4181.	2.2	10
66	Synthesis, Structural and Biological Studies of Some Half-Sandwich d ⁶ -Metal Complexes with Pyrimidine-Based Ligands. <i>ChemistrySelect</i> , 2017, 2, 2065-2076.	1.5	10
67	Syntheses and characterization of cyano-bridged homo and hetero bimetallic complexes containing η -5 and η -6-cyclic hydrocarbons. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3990-3996.	1.8	9
68	Study of half-sandwich mono and dinuclear complexes of platinum group metals containing pyrazolyl pyridine analogues: Synthesis and spectral characterization. <i>Journal of Chemical Sciences</i> , 2012, 124, 565-575.	1.5	9
69	Synthesis, structural and in vitro functional characterization of arene ruthenium complexes with 1,3,5-tris(di-2-pyridylaminomethyl)benzene ligand. <i>Inorganica Chimica Acta</i> , 2016, 453, 284-291.	2.4	9
70	Half-sandwich d ₆ metal complexes with bis(pyridine carboxamide)benzene ligand: Synthesis and spectral analysis. <i>Journal of Molecular Structure</i> , 2017, 1149, 162-170.	3.6	9
71	Synthesis, biological evaluation and colorimetric sensing studies of platinum group metal complexes comprising pyrazine based thiourea derivatives. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 207-216.	1.8	9
72	Study of reactivity of p-cymene ruthenium(II) dimer towards diphenyl-2-pyridylphosphine: Synthesis, characterization and molecular structures of [(η -6-p-cymene)RuCl ₂ (PPh ₂ Py)] and [(η -6-p-cymene)RuCl(PPh ₂ Py)]BF ₄ . <i>Journal of Chemical Sciences</i> , 2004, 116, 21-27.	1.5	8

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73	Isolation and spectral studies of water-soluble η^5 -cyclichydrocarbon rhodium and iridium complexes with pyridyl diketone analogues bonded through η^2 -N $\hat{=}$ O, η^4 -N $\hat{=}$ O, and η^3 -N-C-N modes. <i>Journal of Coordination Chemistry</i> , 2012, 65, 875-890.	2.2	8
74	Synthesis and biological evaluation of some new class of benzothiazole-pyrazole ligands containing arene ruthenium, rhodium and iridium complexes. <i>Transition Metal Chemistry</i> , 2021, 46, 231-240.	1.4	8
75	Synthesis and reactivity studies of cyclopentadienyl bis(triphenylphosphine)osmium(II) complexes. Crystal and molecular structure of [CpOs(PPh ₃)(phen)]BF ₄ . <i>Polyhedron</i> , 2003, 22, 1391-1395.	2.2	7
76	Mono- and di-nuclear azido η^6 -p-cymene ruthenium(II) complexes; synthesis, reactivity, and structures. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3661-3678.	2.2	7
77	Half-sandwich η^6 -arene ruthenium and Cp $\hat{=}$ -rhodium/iridium compounds comprising with thioether ligands: Synthesis, spectral and molecular studies. <i>Inorganica Chimica Acta</i> , 2014, 421, 218-227.	2.4	7
78	Synthesis and structural studies of half-sandwich Cp* rhodium and Cp* iridium complexes featuring mono, bi and tetradentate nitrogen and oxygen donor ligands. <i>Journal of Chemical Sciences</i> , 2017, 129, 561-571.	1.5	7
79	Synthesis and spectral studies of sterically hindered half-sandwich d ₆ metal complexes containing quinoxaline based electron rich heterocyclic pyrazoles. <i>Inorganica Chimica Acta</i> , 2018, 476, 101-109.	2.4	7
80	Synthesis, structure and bonding modes of pyrazine based ligands of Cp*Rh and Cp*Ir complexes: The study of in-vitro cytotoxicity against human cell lines. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120887.	1.8	7
81	Ruthenium, rhodium, and iridium complexes featuring coumarin hydrazone derivatives: Synthesis, characterization, and preliminary investigation of their anticancer and antibacterial activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	7
82	Syntheses, spectroscopic and structural studies of indenyl ruthenium complexes incorporating amine and nitrile ligands: molecular structures of [(η^5 -C ₉ H ₇)Ru(η^2 -dppe)(CH ₃ CN)]PF ₆ and [(η^5 -C ₉ H ₇)Ru(η^2 -dppe)(NH ₃)]PF ₆ . <i>Journal of Coordination Chemistry</i> , 2006, 59, 333-341.	2.2	6
83	Syntheses, spectral and structural characterization of η^5 - and η^6 -cyclic π -perimeter hydrocarbon platinum group metal complexes containing pyridazine-NHC analogues. <i>Polyhedron</i> , 2012, 34, 176-180.	2.2	6
84	Half-sandwich ruthenium, rhodium and iridium complexes of triazolopyridine ligand: Synthesis and structural studies. <i>Journal of Chemical Sciences</i> , 2017, 129, 177-184.	1.5	6
85	Arene ruthenium, rhodium and iridium complexes containing N $\hat{=}$ O chelating ligands: synthesis, antibacterial and antioxidant studies. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2365-2379.	2.2	6
86	Synthesis and structural study of platinum group metal complexes containing pyrimidine bridged pyrazolyl-pyridine ligand and η^5 and η^6 cyclic hydrocarbons. <i>Journal of Chemical Sciences</i> , 2014, 126, 1143-1151.	1.5	5
87	Half-sandwich pentamethylcyclopentadienyl group 9 metal complexes of 2-aminopyridyl ligands: Synthesis, spectral and molecular study. <i>Journal of Chemical Sciences</i> , 2015, 127, 1135-1144.	1.5	5
88	Precursor-directed combinatorial biosynthesis of cephalosporin analogue by endolithic actinobacterium <i>Streptomyces</i> sp. AL51 by utilizing thiophene derivative. <i>3 Biotech</i> , 2018, 8, 31.	2.2	5
89	Synthesis and structural characterization of arene d ₆ metal complexes of sulfonohydrazone and triazolo ligands: High potency of triazolo derivatives towards DNA binding. <i>Polyhedron</i> , 2018, 155, 302-312.	2.2	5
90	Ruthenium, rhodium and iridium complexes containing pyrimidine based thienyl pyrazoles: Synthesis and antibacterial studies. <i>Journal of Organometallic Chemistry</i> , 2020, 911, 121155.	1.8	5

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91	Arene ruthenium, rhodium and iridium complexes containing benzamide derivative ligands: Study of interesting bonding modes, antibacterial, antioxidant and DNA binding studies. Journal of Organometallic Chemistry, 2021, 937, 121731.	1.8	5
92	Variable structural bonding modes and antibacterial studies of thiosemicarbazone ligands of ruthenium, rhodium, and iridium metal complexes. Journal of Coordination Chemistry, 2020, 73, 175-187.	2.2	5
93	Study of the Bonding Modes of Diâ€pyridyl ketoxime Ligand towards Ruthenium, Rhodium and Iridium Half Sandwich Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 941-946.	1.2	4
94	Cp and indenyl ruthenium complexes containing dithione derivatives: Synthesis, antibacterial and antifungal study. Journal of Organometallic Chemistry, 2020, 923, 121418.	1.8	4
95	Insights to the strained thiocarbamate derivative complexes of platinum group metals induced by azide as a co-ligand: Characterization and biological studies. Journal of Organometallic Chemistry, 2020, 920, 121345.	1.8	4
96	Studies of η^5 -cyclohexadiene ruthenium(II) complexes containing para-amino-N-(pyrid-2-ylmethylene)phenylamine ligand: molecular structure of $[(\eta^5\text{-C}_5\text{H}_5)\text{Ru}(\text{PPh}_3)(\text{C}_5\text{H}_4\text{NCH}=\text{N}-\text{C}_6\text{H}_4\text{-p-NH}_2)]\text{BF}_4$. Journal of Coordination Chemistry, 2005, 58, 1607-1613.	2.2	3
97	Reactivity studies of $(\eta^6\text{-arene})\text{ruthenium(II)}$ dimers with arylazoimidazole ligands: molecular structure of $[(\eta^6\text{-p-cymene})\text{RuCl}(\text{Me}-\text{C}_6\text{H}_4\text{-Nequals};\text{N}-\text{C}_3\text{H}_2\text{N}_2\text{-1-CH}_3)]\text{PF}_6$. Journal of Coordination Chemistry, 2007, 60, 97-107.	2.2	3
98	Study of η^6 -cyclic π -perimeter hydrocarbon ruthenium complexes bearing functionalized pyridyl diketones: Isolation of complexes with η^2 - $\text{N}=\text{O}$ and η^4 - $\text{N}=\text{O}$ bonding modes of ligands. Journal of Chemical Sciences, 2012, 124, 1365-1375.	1.5	3
99	Synthesis, spectral and molecular studies of half-sandwich arene ruthenium and $\text{Cp}^*\text{Rh}/\text{Cp}^*\text{Ir}$ complexes containing bidentate P-N and Eâ€N ligands (E = S, Se) based on diphenyl(2-pyridyl)phosphine. Journal of Coordination Chemistry, 2015, 68, 3839-3851.	2.2	3
100	Synthesis and Structural Studies of Cp^* Rhodium and Cp^* Iridium Complexes of Picolinic Hydrazine Ligand. Bulletin of the Korean Chemical Society, 2017, 38, 99-106.	1.9	3
101	In vitro Biological Activity Studies of Platinum Group Metal Complexes Containing N, N'-Bis(picolinoyl)hydrazine Ligand. Current Inorganic Chemistry, 2016, 6, 127-140.	0.2	3
102	Synthesis of cyano-bridged bimetallic complexes of η^5 -indenyl ruthenium(II): Characterization and spectroscopic studies. Journal of Chemical Sciences, 2001, 113, 29-33.	1.5	2
103	η^5 and η^6 -cyclic π -perimeter hydrocarbon platinum group metal complexes of 3-(2-pyridyl)pyrazole derived ligands with a pendant nitrile group: Syntheses, spectral and structural studies. Journal of Chemical Sciences, 2012, 124, 411-419.	1.5	2
104	Spectral and Structural Studies of Platinum Group Metal Complexes of 3-(Diâ€pyridylaminomethyl)Benzamide and Formation of Mutual Intermolecular Hydrogen Bonding in Some Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 634-640.	1.2	1
105	Synthesis and structural studies of arene ruthenium and $\text{Cp}^*\text{Rh}/\text{Cp}^*\text{Ir}$ complexes containing pyridylpyrazole- and pyridylthiazole-based ligands. Transition Metal Chemistry, 2016, 41, 261-270.	1.4	1
106	Pyrazole Based Monoâ€and Diâ€Substituted Half Sandwich d ⁶ Platinum Group Metal Complexes: Synthesis and Spectral Characterization. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 79-86.	1.2	1
107	In vitro biological evaluation of half-sandwich platinum-group metal complexes containing benzothiazole moiety. Journal of Coordination Chemistry, 2020, 73, 1538-1553.	2.2	1
108	Arene platinum group metal complexes containing imino-quinolyl ligands: synthesis and antibacterial studies. Journal of Coordination Chemistry, 2020, 73, 737-753.	2.2	1

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109	Crystal Structure of 1,2,3,4-Tetrahydrohexakis(methoxybenzene (η^5 -Pentamethylcyclopentadienyl) Rhodium Complex. Journal of Chemical Crystallography, 2021, 51, 288-292.	1.1	0
110	Cyclopentadienyl and indenyl ruthenium(II) complexes containing pyridyl/pyrimidyl based thiourea derivative ligands: Syntheses, antibacterial and antioxidant studies. Journal of Molecular Structure, 2022, , 133751.	3.6	0