

Tapan Kumar Mondal

List of Publications by Year in descending order

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135
papers

2,942
citations

185998

28
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243296

44
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136
all docs

136
docs citations

136
times ranked

3138
citing authors

#	ARTICLE	IF	CITATIONS
1	Human peripheral blood mononuclear cells targeted multidimensional switch for selective detection of HSO ₃ ^{âˆ’} anion. <i>Dyes and Pigments</i> , 2022, 198, 109966.	2.0	8
2	Palladium(II) complexes with thioether based ONS donor ligand: Synthesis, characterization, X-ray structure, DFT study and anti-cancer activity. <i>Inorganica Chimica Acta</i> , 2022, 534, 120802.	1.2	7
3	Palladium(II) and platinum(II) complexes with ONN donor pincer ligand: synthesis, characterization and <i>in vitro</i> cytotoxicity study. <i>New Journal of Chemistry</i> , 2022, 46, 11277-11285.	1.4	4
4	Fabrication of a new fluorogenic probe for detection of phosgene in solution and vapor phase. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128837.	4.0	25
5	A thioether containing reversible fluorescence <i>turn-on</i> chemosensor for selective detection of zinc(II): Applications in live cell imaging and inhibit logic gate. <i>Journal of Molecular Structure</i> , 2021, 1224, 129179.	1.8	13
6	Synthesis of new rhodium(III) complex by benzylic C S bond cleavage of thioether containing NNS donor Schiff base ligand: Investigation of catalytic activity towards transfer hydrogenation of ketones. <i>Inorganica Chimica Acta</i> , 2021, 515, 120096.	1.2	4
7	Synthesis, characterization, DFT calculations, protein binding and molecular docking studies of mononuclear dioxomolybdenum(VI) complexes with ONS donor ligand. <i>Journal of Molecular Structure</i> , 2021, 1234, 130192.	1.8	18
8	A new palladium(II) phosphino complex with ONS donor Schiff base ligand: Synthesis, characterization and catalytic activity towards Suzuki-Miyaura cross-coupling reaction. <i>Journal of Molecular Structure</i> , 2021, 1237, 130322.	1.8	17
9	A selective fluorogenic chemosensor for visual detection of chemical warfare reagent mimic diethylchlorophosphate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112188.	2.0	17
10	A simple coumarin based fluorescent <i>turn-on</i> probe for the selective detection of Al ³⁺ along with its application in live cell imaging via AGS cell line. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112294.	2.0	9
11	Synthesis of luminescent rhodium(III) cyclometalated complex by sp ² (C)âˆ“S bond activation: Application as catalyst in transfer hydrogenation of ketones and live cell imaging. <i>Journal of Molecular Structure</i> , 2020, 1204, 127524.	1.8	4
12	Synthesis, characterization, X-ray structure and DNA binding study of palladium(II) complex with new thioether containing ONS donor ligand. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	9
13	Two New Quinolineâˆ“Benzothiazole Blended <i>Off-on</i> Type Fluorescent Probes Exclusively Detect Cd ²⁺ . <i>ChemistrySelect</i> , 2019, 4, 8068-8073.	0.7	9
14	Synthesis of thiolato bridged dimeric rhodium(III) triphenylphosphine complex via Câˆ“S bond cleavage: X-ray structure, DFT computation and catalytic evaluation towards transfer hydrogenation of ketones. <i>Journal of Molecular Structure</i> , 2019, 1198, 126932.	1.8	7
15	An ESIPT based chromogenic and fluorescent ratiometric probe for Zn ²⁺ with imaging in live cells and tissues. <i>New Journal of Chemistry</i> , 2019, 43, 1857-1863.	1.4	17
16	Facile detection of organophosphorus nerve agent mimic (DCP) through a new quinoline-based ratiometric switch. <i>New Journal of Chemistry</i> , 2019, 43, 8627-8633.	1.4	18
17	Luminescent rhenium(I) carbonyl complex with redox noninnocent ONS donor azo-phenol ligand: Synthesis, X-ray structure, photophysical properties and live cell imaging. <i>Polyhedron</i> , 2019, 161, 154-160.	1.0	5
18	Simple fabrication of a carbaldehyde based fluorescent <i>turn-on</i> probe for the selective and sole detection of Pd ²⁺ : application as test strips. <i>New Journal of Chemistry</i> , 2019, 43, 16915-16920.	1.4	5

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19	Synthesis of a rhodium(III) triphenylphosphine complex via C S bond cleavage of an azo-thioether ligand: X-ray structure, electrochemistry and catalysis towards transfer hydrogenation of ketones. <i>Polyhedron</i> , 2019, 158, 208-214.	1.0	7
20	Detection and discrimination of Zn ²⁺ and Hg ²⁺ using a single molecular fluorescent probe. <i>New Journal of Chemistry</i> , 2018, 42, 8646-8652.	1.4	18
21	Development of a new fluorescence ratiometric switch for endogenous hypochlorite detection in monocytes of diabetic subjects by dye release method. <i>Tetrahedron Letters</i> , 2018, 59, 1130-1135.	0.7	24
22	Cobalt(II), nickel(II) and copper(II) complexes of N-((2-pyridyl)methylidene)-6-coumarin: Characterization, DNA interaction, catecholase activity and theoretical interpretation. <i>Inorganica Chimica Acta</i> , 2018, 482, 659-668.	1.2	6
23	Synthesis of a zinc(II) complex with hexadentate N 4 S 2 donor thioether ligand: X-ray structure, DNA binding study and DFT computation. <i>Journal of Molecular Structure</i> , 2018, 1164, 94-99.	1.8	5
24	Structure, spectra and electrical conductivity of copper(I) and silver(I) phosphino bridging mixed ligand complexes with coumarinyl Schiff base. <i>Inorganica Chimica Acta</i> , 2018, 469, 523-535.	1.2	14
25	A new multi-analyte fluorogenic sensor for efficient detection of Al ³⁺ and Zn ²⁺ ions based on ESIPT and CHEF features. <i>New Journal of Chemistry</i> , 2018, 42, 19076-19082.	1.4	34
26	Palladium(II) complexes with thioether containing azophenol ligands: Synthesis, characterization, X-ray structure and DNA binding study. <i>Polyhedron</i> , 2018, 150, 118-125.	1.0	11
27	A new carbazole-benzothiazole based chemodosimeter for chromogenic and fluorogenic detection of CN ⁻ . <i>Journal of Luminescence</i> , 2018, 201, 419-426.	1.5	24
28	Platinum(II)-azoimidazole drugs against TB and cancer: Structural studies, cytotoxicity and anti-mycobacterial activity. <i>Polyhedron</i> , 2018, 152, 1-10.	1.0	6
29	Isoelectronic Pt ^{II} and Au ^{III} -N-heterocyclic carbene complexes: a structural and biological comparison. <i>New Journal of Chemistry</i> , 2018, 42, 10704-10711.	1.4	15
30	Anticancer Activity of a Complex of Cu ^{II} with 2-((2-hydroxyphenylazo)-indole-3-yl)-acetic Acid on three different Cancer Cell Lines: A Novel Feature for Azo Complexes. <i>ChemistrySelect</i> , 2017, 2, 2044-2054.	0.7	6
31	Synthesis of palladium(II) complex with NNS donor Schiff base ligand via C S bond cleavage: X-ray structure, electrochemistry and DFT computation. <i>Journal of Molecular Structure</i> , 2017, 1142, 110-115.	1.8	15
32	Synthesis and characterization of a ruthenium complex with bis(diphenylphosphino)propane and thioether containing ONS donor ligand: Application in transfer hydrogenation of ketones. <i>Polyhedron</i> , 2017, 131, 1-7.	1.0	15
33	Triphenylamine-benzimidazole based switch offers reliable detection of organophosphorus nerve agent (DCP) both in solution and gaseous state. <i>New Journal of Chemistry</i> , 2017, 41, 12562-12568.	1.4	20
34	An Efficient Fluorescence Turn-On-Chemosensor Comprising of Coumarin and Rhodamine Moieties for Al ³⁺ and Hg ²⁺ . <i>Journal of Fluorescence</i> , 2017, 27, 2051-2057.	1.3	11
35	Synthesis, characterization, redox behavior, DNA and protein binding and antibacterial activity studies of ruthenium(II) complexes of bidentate schiff bases. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 520-542.	0.4	4
36	Osmium-hydride-carbonyl complex with thioether containing Schiff base ligand: Synthesis, crystal structure, electrochemistry and catalytic transfer hydrogenation. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 201-207.	0.8	12

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37	Ruthenium carbonyl complex of a redox non-innocent ONS donor azophenol ligand: Electrochemistry, photophysical property, electronic structure and catalytic activity towards oxidation of alcohols. <i>Journal of Organometallic Chemistry</i> , 2017, 828, 1-9.	0.8	14
38	A novel coumarin based molecular switch for the sequential detection of Al ³⁺ and F ⁻ : Application in lung cancer live cell imaging and construction of logic gate. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 338-346.	4.0	74
39	Mono- and di-nuclear nickel(II) complexes derived from NNO donor ligands: syntheses, crystal structures and magnetic studies of dinuclear analogues. <i>RSC Advances</i> , 2016, 6, 36020-36030.	1.7	28
40	Synthesis, crystal structure from PXRD of a Mn ^{II} (purp) ₂ complex, interaction with DNA at different temperatures and pH and lack of stimulated ROS formation by the complex. <i>RSC Advances</i> , 2016, 6, 51520-51532.	1.7	17
41	Synthesis, characterization, photo physical properties of two isomeric forms of an azo dye supported by DFT calculations and their interaction with DNA. <i>ChemistrySelect</i> , 2016, 1, 970-978.	0.7	4
42	Lead(II) complexes of 1-alkyl-2-(arylo)imidazole: Synthesis, structure, photochromism and metallomesogenic properties. <i>Polyhedron</i> , 2016, 117, 318-326.	1.0	9
43	A Phenanthraquinone Based Fluorescent Probe for Sequential Detection of Cu ²⁺ and SO ₃ ²⁻ . <i>Journal of Fluorescence</i> , 2016, 26, 2113-2118.	1.3	12
44	An octahedral nickel(II) complex of a hexadentate N ₂ O ₂ S ₂ thioether ligand: synthesis, characterization, X-ray and electronic structure. <i>Transition Metal Chemistry</i> , 2016, 41, 849-856.	0.7	0
45	Carbazole benzimidazole based dyes for acid responsive ratiometric emissive switches. <i>New Journal of Chemistry</i> , 2016, 40, 6907-6915.	1.4	26
46	Novel pyridyl based azo-derivative for the selective and colorimetric detection of nickel(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 157-162.	2.0	13
47	Benzimidazole based ratiometric and colourimetric chemosensor for Ni(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 397-401.	2.0	24
48	Structural characterization of new Schiff bases of sulfamethoxazole and sulfathiazole, their antibacterial activity and docking computation with DHPS protein structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 268-279.	2.0	60
49	A novel coumarin based molecular switch for dual sensing of Zn(II) and Cu(II). <i>RSC Advances</i> , 2015, 5, 7647-7653.	1.7	34
50	Palladium(II) complex with thiazole containing tridentate ONN donor ligand: Synthesis, X-ray structure and DFT computation. <i>Journal of Molecular Structure</i> , 2015, 1088, 28-33.	1.8	15
51	Lewis base controlled supramolecular architectures via non-covalent interactions of dioxomolybdenum(VI) complexes with an ONS donor ligand: DFT calculations and biological study. <i>New Journal of Chemistry</i> , 2015, 39, 2778-2794.	1.4	26
52	A new visible-light-excitable ICT-CHEF-mediated fluorescence "turn-on" probe for the selective detection of Cd ²⁺ in a mixed aqueous system with live-cell imaging. <i>Dalton Transactions</i> , 2015, 44, 5763-5770.	1.6	74
53	Structures, antimicrobial activity, DNA interaction and molecular docking studies of sulfamethoxazolyl-azo-acetylacetone and its nickel(II) complex. <i>Polyhedron</i> , 2015, 99, 77-86.	1.0	14
54	A copper(II) complex with a thioether and ether containing azophenol ligand: Synthesis, spectra, X-ray structure and DFT computations. <i>Polyhedron</i> , 2015, 102, 32-40.	1.0	14

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55	Rhodium(III)-triphenylphosphine complex with NNS donor thioether containing Schiff base ligand: Synthesis, spectra, electrochemistry and catalytic activity. <i>Journal of Molecular Structure</i> , 2015, 1099, 297-303.	1.8	13
56	Comparison of Redox Activity between 2-Aminothioether and 2-Aminothiophenol: Redox-Induced Dimerization of 2-Aminothioether via C=C Coupling. <i>Inorganic Chemistry</i> , 2015, 54, 6235-6244.	1.9	5
57	Fluorescence sensing and intracellular imaging of Al ³⁺ ions by using naphthalene based sulfonamide chemosensor: structure, computation and biological studies. <i>RSC Advances</i> , 2015, 5, 73626-73638.	1.7	33
58	Synthesis, crystal structures and theoretical studies of dinuclear Mn(II) and Ni(II) complexes of phenol-based π -compartmental ligand. <i>Journal of Molecular Structure</i> , 2015, 1100, 318-327.	1.8	5
59	Supramolecular frameworks of binuclear dioxomolybdenum(ν) complexes with ONS donor ligands using 4,4'-azopyridine as a pillar: crystal structure, DFT calculations and biological study. <i>New Journal of Chemistry</i> , 2015, 39, 8681-8694.	1.4	19
60	Quinoline based reversible fluorescent $\text{turn-on}^{\text{TM}}$ chemosensor for the selective detection of Zn ²⁺ : Application in living cell imaging and as INHIBIT logic gate. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 138-146.	4.0	65
61	Palladium(II)-iodo-[1-alkyl-2-(arylo)imidazole] complexes: Synthesis, structure, dynamics of photochromism and DFT computation. <i>Polyhedron</i> , 2015, 85, 900-911.	1.0	8
62	Binuclear dioxomolybdenum(VI) complexes of some tridentate ONS donor ligand containing [MoO ₂] ²⁺ as the acceptor center: Synthesis, crystal structure, supramolecular architectures via hydrogen bonds, π - π stacking and DFT calculations. <i>Polyhedron</i> , 2015, 85, 196-207.	1.0	19
63	Double C-H Activation Associated with Etheral Oxygen Insertion to Phenazine Architecture in Oxidisable Ruthenium(III) Complexes: A Mechanistic Insight. <i>Chemistry - A European Journal</i> , 2014, 20, 2680-2680.	1.7	0
64	Synthesis, structure, photochromism, mesogenic property and DFT computations of silver(I) complexes of long chain alkyl group containing 1-alkyl-2-(arylo)imidazoles. <i>Polyhedron</i> , 2014, 79, 186-196.	1.0	8
65	Ruthenium(III) complexes with tetradentate NSNO donor ligand: Synthesis, electronic structure, catalytic activity and DFT calculation. <i>Inorganica Chimica Acta</i> , 2014, 411, 106-112.	1.2	13
66	Redox Non-Innocence of Coordinated 2-(Arylo) Pyridines in Iridium Complexes: Characterization of Redox Series and an Insight into Voltage-Induced Current Characteristics. <i>Chemistry - A European Journal</i> , 2014, 20, 6103-6111.	1.7	45
67	A radical pathway in catecholase activity with nickel(ν) complexes of phenol based π -compartmental ligands. <i>Dalton Transactions</i> , 2014, 43, 841-852.	1.6	58
68	Formation of bis($\frac{1}{4}$ -tetrazolato)dinickel(ν) complexes with N,N,O-donor Schiff bases via in situ 1,3-dipolar cyclo-additions: isolation of a novel bi-cyclic trinuclear nickel(ν)-sodium(ν)-nickel(ν) complex. <i>Dalton Transactions</i> , 2014, 43, 2936-2947.	1.6	41
69	A novel 2,6-diformyl-4-methylphenol based chemosensor for Zn(ν) ions by ratiometric displacement of Cd(ν) ions and its application for cell imaging on human melanoma cancer cells. <i>Analyst</i> , 2014, 139, 495-504.	1.7	54
70	Structure, fluorescence, redox properties and theoretical interpretation of heteroleptic copper(I) and silver(I) complexes of N-[(2-pyridyl)methylidene]-6-coumarin and triphenylphosphine. <i>Inorganica Chimica Acta</i> , 2014, 410, 202-213.	1.2	15
71	Alcohol oxidation reactions catalyzed by ruthenium-carbonyl complexes of thioaryloimidazoles. <i>Applied Organometallic Chemistry</i> , 2014, 28, 641-651.	1.7	23
72	Al ³⁺ selective coumarin based reversible chemosensor: application in living cell imaging and as integrated molecular logic gate. <i>RSC Advances</i> , 2014, 4, 30666-30672.	1.7	36

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73	Imino-phenolic azodye appended rhodamine as a primary fluorescence -chemosensor for tin (Sn ⁴⁺) in solution and in RAW cells and the recognition of sulphide by [AR-Sn]. RSC Advances, 2014, 4, 36615-36622.	1.7	23
74	Palladium(II) and platinum(II) complexes of N-((2-pyridyl)methylidene)-6-coumarin and N-((2-hydroxy)benzylidene)-6-coumarin. Inorganica Chimica Acta, 2014, 423, 52-61.	1.2	14
75	Synthesis, electronic structure and catalytic activity of ruthenium-iodo-carbonyl complexes with thioether containing NNS donor ligand. Journal of Molecular Structure, 2014, 1065-1066, 52-60.	1.8	7
76	Coumarin based dual switching fluorescent -turn-on- chemosensor for selective detection of Zn ²⁺ and HSO ₄ ⁻ : an experimental and theoretical study. RSC Advances, 2014, 4, 25341-25347.	1.7	48
77	Novel tetranuclear Ni(II) Schiff base complex containing Ni ₄ O ₄ cubane core: Synthesis, X-ray structure, spectra and magnetic properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 714-719.	2.0	10
78	Octahedral Mn(II) complex with new NNO donor Schiff base ligand: Synthesis, structure, photoluminescent behavior and computational studies. Polyhedron, 2014, 81, 66-73.	1.0	14
79	Synthesis, crystal structure and spectral properties of 2-[(1-Methyl-2-benzimidazolyl)azo]-p-cresol: An experimental and theoretical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 421-425.	2.0	7
80	Intercalated iodobismuthate in the layers of azoimidazoles. Structure, photochromism and DFT computation. Polyhedron, 2013, 54, 147-157.	1.0	15
81	Ruthenium carbonyl complexes of 3-(2-(methylthio)phenylazo)-4-hydroxy-3-penten-2-one: Synthesis, spectral characterization, electronic structure and catalytic activity. Journal of Molecular Structure, 2013, 1054-1055, 83-88.	1.8	18
82	Rhenium(I) complexes with NNS donor thioaryloimidazole ligands with the cis-{Re(CO) ₂ } ⁺ core: Synthesis, characterization, electrochemical study and DFT calculation. Journal of Molecular Structure, 2013, 1047, 73-79.	1.8	11
83	A red fluorescence -off- molecular switch for selective detection of Al ³⁺ , Fe ³⁺ and Cr ³⁺ : experimental and theoretical studies along with living cell imaging. Chemical Communications, 2013, 49, 10739.	2.2	170
84	Cu(II) complexes of a new tetradentate N ₂ SO donor: synthesis, structure, electrochemistry, and DFT computation. Journal of Coordination Chemistry, 2013, 66, 4067-4079.	0.8	8
85	Ruthenium(II) carbonyl complexes with N-[(2-pyridyl)methylidene]-(\pm)-aminonaphthalene: Synthesis, spectroscopic studies and DFT calculation. Journal of Molecular Structure, 2013, 1036, 28-34.	1.8	2
86	Synthesis, crystal structure and DFT analysis of a phenoxo bridged Cu(II) complex and an azide and $\frac{1}{3}$ -O mixed bridged trinuclear Cu(II) complex. Polyhedron, 2013, 50, 51-58.	1.0	15
87	Use of a Ru/Os-CO-diiodide precursor to synthesize heteroleptic 1-alkyl-2-(arylo)imidazole complexes: The structural characterization, electrochemistry and catalytic activity. Polyhedron, 2013, 50, 246-254.	1.0	3
88	Dimer formation by symbiotic donor-acceptor interaction between two molecules of a specially designed dioxomolybdenum(VI) complex containing both donor and acceptor centers - A structural, spectroscopic and DFT study. Polyhedron, 2013, 55, 192-200.	1.0	18
89	Copper(I)/silver(I)-phosphine-N-((2-pyridyl)methylidene)-6-coumarin complexes: Syntheses, structures, redox interconversion, photophysical properties and DFT computation. Polyhedron, 2013, 51, 27-40.	1.0	15
90	Synthesis, characterization, electronic structure and catalytic activity of new ruthenium carbonyl complexes of N-[(2-pyridyl)methylidene]-2-aminothiazole. Journal of Molecular Structure, 2013, 1035, 277-284.	1.8	5

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91	fac-Tricarbonyl rhenium(I) complexes of 2-(alkylthio)-N-((pyridine-2-yl)methylene)benzenamine: Synthesis, spectroscopic characterization, X-ray structure and DFT calculation. <i>Inorganica Chimica Acta</i> , 2013, 399, 138-145.	1.2	11
92	Synthesis, X-ray structure, spectroscopic and DFT study of cis-[Ru(PPh ₃)(L)X ₂] complexes (X=Cl ⁻ , Br ⁻), Tj ETQq0 0 0 rgBT /Overlock I 583-590.	1.2	17
93	Ruthenium(II) complexes of pyrrol-azo ligands: cytotoxicity, interaction with calf thymus DNA and bovine serum albumin. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2747-2764.	0.8	20
94	Self-assembled nanostructures of specially designed Schiff-bases and their zinc complexes: Preparation, characterization and photoluminescence property. <i>Journal of Molecular Structure</i> , 2013, 1042, 104-111.	1.8	5
95	Structure, photophysics, electrochemistry and DFT calculations of [RuH(CO)(PPh ₃) ₂ (coumarinyl-azo-imidazole)]. <i>Polyhedron</i> , 2013, 53, 193-201.	1.0	7
96	Synthesis, characterization, crystal structure and density functional theory (DFT) calculations of dioxomolybdenum (VI) complexes of an ONS donor ligand derived from benzoylacetone and S-benzyl dithiocarbamate. <i>Polyhedron</i> , 2013, 50, 602-611.	1.0	11
97	1-alkyl-2-((thioalkyl)phenylazo)imidazole complexes of Pb ^{II} and their photochromic property. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1861-1870.	0.6	7
98	Strong metal-metal coupling in mixed-valent intermediates [Cl(L)Ru(1/4-tppz)Ru(L)Cl] ⁺ , L = 1 ² -diketonato ligands, tppz = 2,3,5,6-tetrakis(2-pyridyl)pyrazine. <i>Dalton Transactions</i> , 2012, 41, 13429.	1.6	19
99	Azo Anion Radical Complex of Rhodium as a Molecular Memory Switching Device: Isolation, Characterization, and Evaluation of Current-Voltage Characteristics. <i>Journal of the American Chemical Society</i> , 2012, 134, 6520-6523.	6.6	101
100	Comparative Study on ortho-C-H vs ortho-C-X (X = C, Cl, S) Bond Activation in ortho-C _{aromatic} -N Bond Fusion in Substituted Anilines Using Ruthenium(II) Mediators: Isolation and Characterization of Unusual Ru ₂ Complexes. <i>Organometallics</i> , 2012, 31, 5282-5293.	1.1	9
101	Radical Pathway in Catecholase Activity with Zinc-Based Model Complexes of Compartmental Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 8750-8759.	1.9	105
102	Diastereomerism in tetranuclear copper(II) complexes of a phenol based end-off-compartmental ligand. <i>Inorganic Chemistry Communication</i> , 2012, 23, 113-116.	1.8	12
103	Ru(II)-halide-carbonyl complexes of naphthylazoimidazoles: Synthesis, spectra, electrochemistry, catalytic activity and electronic structure. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 129-137.	0.8	22
104	The intricate paramagnetic state of [Os(Q)2(bpy)] ⁺ , Q = 4,6-di-tert-butyl-o-aminobenzoquinone. <i>Dalton Transactions</i> , 2012, 41, 11675.	1.6	17
105	Azide bridged dicopper(II), dicobalt(II) complexes and a rare double 1/4-chloride bridged ferromagnetic dicobalt(II) complex of a pyrazolyl-pyrimidine ligand: Synthesis, crystal structures, magnetic and DFT studies. <i>Polyhedron</i> , 2012, 38, 258-266.	1.0	28
106	Correspondence of Ru ^{III} Ru ^{II} and Ru ^{IV} Ru ^{III} Mixed Valent States in a Small Dinuclear Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 5667-5675.	1.7	29
107	Synthesis, spectra, structure, redox properties and DFT computation of copper(I)-triphenylphosphine-pyridyl Schiff bases. <i>Inorganica Chimica Acta</i> , 2012, 387, 240-247.	1.2	18
108	Re(I) carbonyl complexes of N-[(2-pyridyl)methylidene]-1± (or 1 ²)-aminonaphthalene: Synthesis, structure, electrochemistry and DFT analysis. <i>Journal of Molecular Structure</i> , 2012, 1017, 19-25.	1.8	9

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127	Carboxylate Tolerance of the Redox-Active Platform $[Ru(\eta^5\text{-tppz})Ru]$, where tppz = 2,3,5,6-Tetrakis(2-pyridyl)pyrazine, in the Electron-Transfer Series $[(L)ClRu(\eta^5\text{-tppz})RuCl(L)]$, $L = 2+, +, 0, \eta^5, 2\eta^5$, with 2-Picolinato, Quinaldato, and 8-Quinolincarboxylato Ligands ($L = \eta^5$). <i>Inorganic Chemistry</i> , 2010, 49, 6565-6574.	1.9	24
128	A Unique Nickel System having Versatile Catalytic Activity of Biological Significance. <i>Inorganic Chemistry</i> , 2010, 49, 3121-3129.	1.9	76
129	1,4-Alkyl migration associated with simultaneous S-C bond cleavage and N-C bond formation in platinum complexes of 2-aminothioethers. Characterization of intramolecular interligand charge transfer phenomenon. <i>Dalton Transactions</i> , 2010, 39, 2717.	1.6	28
130	Ruthenium(II)-CO complexes of N-[(2-pyridyl)methylidene]- η^1 -(or η^2)-aminonaphthalene: Synthesis, spectral studies, crystal structure, redox properties and DFT calculation. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4124-4133.	0.8	23
131	The Semiquinone Ruthenium Combination as a Remarkably Invariant Feature in the Redox and Substitution Series $[Ru(Q)(acac)_3]$, $Q = 1\eta^3; Q = (\eta^2, \eta^1, 0, +1, (+2))$; $Q = 4,6\text{-Di-}t\text{-butyl-N-phenyl-}o\text{-iminobenzoquinone}$. <i>Inorganic Chemistry</i> , 2009, 48, 11252-11264.	1.9	61
132	Sensitive Valence Structures of $[(pap)_2Ru(Q)]$ ($Q = +2, +1, 0, \eta^1$), $Tj\ ETQq0\ 0\ 0\ rgBT /Overlock$ 3,5-Di- <i>tert</i> -butyl-N-aryl-1,2-benzoquinonemonoimine and pap = 2-Phenylazopyridine. <i>Inorganic Chemistry</i> , 2009, 48, 9800-9810.	1.9	47
133	Structure, spectra and electrochemistry of ruthenium-carbonyl complexes of naphthylazoimidazole. <i>Inorganica Chimica Acta</i> , 2008, 361, 2431-2438.	1.2	8
134	Copper(I) and Silver(I) Complexes of 1-alkyl-2-(methyl)-4-(arylo)imidazole. Synthesis, Spectral Studies and Electrochemistry. <i>Transition Metal Chemistry</i> , 2006, 31, 293-298.	0.7	8
135	Facile Aerial Oxidation of Redox Non-innocent Organic Molecules on Silica Surface. <i>Journal of Molecular and Engineering Materials</i> , 0, , .	0.9	0