

Mohanbhai Patel

List of Publications by Year in descending order

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123
papers

1,903
citations

279798

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times ranked

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#	ARTICLE	IF	CITATIONS
1	DNA interaction, anticancer, cytotoxicity and genotoxicity studies with potential pyrazine-bipyrazole dinuclear μ -oxo bridged Au(III) complexes. <i>Molecular Diversity</i> , 2022, 26, 2085-2101.	3.9	4
2	Tetrazolo[1,5-a]quinoline moiety-based Os(IV) complexes: DNA binding/cleavage, bacteriostatic and photocytotoxicity assay. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2894-2903.	3.5	8
3	DNA interaction, in vivo and in vitro cytotoxicity, reactive oxygen species, lipid peroxidation of μ -N, S donor Re(I) metal complexes. <i>Molecular Diversity</i> , 2021, 25, 687-699.	3.9	7
4	Synthesis, characterization, and biological applications of pyrazole moiety bearing osmium(IV) complexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 593-618.	1.1	1
5	DNA interaction, anticancer, antibacterial, ROS and lipid peroxidation studies of quinoxaline based organometallic Re(I) carbonyls. <i>Journal of Molecular Structure</i> , 2021, 1240, 130529.	3.6	13
6	Fluorescence, DNA Interaction and Cytotoxicity Studies of 4,5-Dihydro-1H-Pyrazol-1-Yl Moiety Based Os(IV) Compounds: Synthesis, Characterization and Biological Evaluation. <i>Journal of Fluorescence</i> , 2021, 31, 349-362.	2.5	2
7	Synthesis, spectroscopic characterization, computational and biological evaluation of organometallic Re(I) complexes with 5-(2-butyl-5-chloro-1H-imidazol-4-yl)-1,3-diaryl-4,5-dihydro-1H-pyrazole. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109005.	3.9	1
8	Single crystal, DNA interaction and cytotoxicity studies of rhenium(I) organometallic compounds. <i>Journal of Molecular Structure</i> , 2020, 1200, 127068.	3.6	15
9	Biological activities of pyrazoline-indole based Re(I) carbonyls: DNA interaction, antibacterial, anticancer, ROS production, lipid peroxidation, in vivo and in vitro cytotoxicity studies. <i>Chemico-Biological Interactions</i> , 2020, 330, 109231.	4.0	16
10	Synthesis, Characterization, and Biological Evaluation of Osmium(IV) Pyrazole Carbothioamide Complexes. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-17.	2.6	0
11	Bipyrazole Based Novel Bimetallic μ -oxo Bridged Au(III) Complexes as Potent DNA Intercalative, Genotoxic, Anticancer, Antibacterial and Cytotoxic Agents. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 5085-5099.	3.7	6
12	Oxadiazole based Os(IV) compounds as potential DNA intercalator and cytotoxic agents. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108070.	3.9	5
13	Synthesis, characterization, structural-activity relationship and biomolecular interaction studies of heteroleptic Pd(II) complexes with acetyl pyridine scaffold. <i>Journal of Molecular Structure</i> , 2020, 1221, 128802.	3.6	18
14	Synthesis, Characterization and Biological Application of Pyrazolo[1,5-a]pyrimidine Based Organometallic Re(I) Complexes. <i>Acta Chimica Slovenica</i> , 2020, 67, 957-969.	0.6	0
15	Half Sandwich Rhodium(III) and Iridium(III) Complexes as Cytotoxic and Metallonuclease Agents. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 556-569.	2.9	14
16	Spectroscopic and electrochemical study for evaluating DNA interaction activity of $4\text{-}(\text{3-}(\text{halophenyl})\text{-6-}(\text{pyridin-2-yl})\text{pyrimidin-2-yl})\text{-amine}$ based piano stool $\text{Cp}^*\text{Rh(III)}$ and Ir(III) complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5152.	3.9	10
17	Heteroleptic N,N-donor pyrazole based Pt(II) and Pd(II) complexes: DNA binding, molecular docking and cytotoxicity studies. <i>Inorganica Chimica Acta</i> , 2019, 498, 119130.	2.4	37
18	Bipyrazole-based palladium(II) complexes as DNA intercalator and artificial metallonuclease. <i>Monatshfte für Chemie</i> , 2019, 150, 233-245.	1.8	8

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19	Synthesis, characterization and biological activities of imidazo[1,2-a]pyridine based gold(III) metal complexes. <i>Heliyon</i> , 2019, 5, e01968.	3.2	25
20	Fluorescence and Absorption Titrations of Bio-relevant Imidazole Based Organometallic Pd(II) Complexes with DNA: Synthesis, Characterization, DNA Interaction, Antimicrobial, Cytotoxic and Molecular Docking Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 2262-2273.	3.7	10
21	Fluorescence and absorption studies of DNA-Pd(II) complex interaction: Synthesis, spectroanalytical investigations and biological activities. <i>Luminescence</i> , 2019, 34, 113-124.	2.9	45
22	Synthesis of heterocyclic compounds and its applications. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2983-2991.	4.9	3
23	DNA Interaction, in vitro Antibacterial and Cytotoxic Activities of Ru(III) Heterochelates. <i>Acta Chimica Slovenica</i> , 2019, 66, 944-949.	0.6	0
24	Synthesis, characterization and biological application of 5-quinoline 1,3,5-trisubstituted pyrazole based platinum(II) complexes. <i>MedChemComm</i> , 2018, 9, 282-298.	3.4	11
25	Design, synthesis, pharmacological evaluation and DNA interaction studies of binuclear Pt(II) complexes with pyrazolo[1,5-a]pyrimidine scaffold. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4222.	3.5	10
26	Design, synthesis, MTT assay, DNA interaction studies of platinum(II) complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 14-31.	3.5	7
27	Synthesis, characterization and biological application of cyclometalated heteroleptic platinum(II) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4045.	3.5	5
28	Synthesis, characterization and biological applications of substituted pyrazolone core based platinum(II) organometallic compounds. <i>Journal of Organometallic Chemistry</i> , 2018, 854, 49-63.	1.8	10
29	Effect of Substituents on the Biological Activities of Piano Stool η^5 -Cyclopentadienyl Rh(III) and Ir(III) Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2749-2758.	3.7	11
30	Evolution of 1, 3, 5-trisubstituted bipyrazole scaffold based platinum(II) complexes as a biological active agent. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2018, 37, 455-483.	1.1	3
31	Synthesis, characterization and biological applications of some substituted pyrazoline based palladium (II) compounds. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4523.	3.5	20
32	Biological Significance of Hetero-Scaffolds Based Gold(III) Complexes. <i>Acta Chimica Slovenica</i> , 2018, 65, 333-343.	0.6	8
33	Novel cytotoxic oxovanadium(IV) complexes: Influence of pyrazole-incorporated heterocyclic scaffolds on their biological response. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3767.	3.5	10
34	Evolution of palladium(II) complexes as DNA intercalator and artificial metallonuclease. <i>Monatshefte für Chemie</i> , 2017, 148, 1733-1743.	1.8	1
35	Molecular docking, free radical scavenging, and DNA interaction studies of drug-based coordination compounds. <i>Monatshefte für Chemie</i> , 2017, 148, 901-908.	1.8	3
36	Biological applications of pyrazoline-based half-sandwich ruthenium(III) coordination compounds. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1599-1607.	3.5	10

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37	Acetyl pyridine-based palladium(II) compounds as an artificial metallonucleases. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2925-2937.	3.5	1
38	Design, synthesis and biological evaluation of pyrazoline nucleus based homoleptic Ru(III) compounds. <i>MedChemComm</i> , 2016, 7, 1367-1380.	3.4	10
39	Half-sandwich iridium(III) complexes with pyrazole-substituted heterocyclic frameworks and their biological applications. <i>New Journal of Chemistry</i> , 2016, 40, 9968-9980.	2.8	16
40	Design of Multifunctional Iridium(III) Compounds as a Potential Therapeutic Agents from Basic Molecular Scaffolds. <i>ChemistrySelect</i> , 2016, 1, 3966-3973.	1.5	6
41	Biological assessment of substituted quinoline based heteroleptic organometallic compounds. <i>MedChemComm</i> , 2016, 7, 1617-1627.	3.4	12
42	Metal-based biologically active compounds: design, synthesis, medicinal, toxicity and DNA interaction assay. <i>Medicinal Chemistry Research</i> , 2016, 25, 526-537.	2.4	16
43	Monitoring the DNA by ruthenium complexes of heterocyclic N,S-donor ligands and evaluation of biological activities. <i>Monatshefte für Chemie</i> , 2016, 147, 1903-1914.	1.8	2
44	Evolution of rhodium(III) and iridium(III) chelates as metallonucleases. <i>Polyhedron</i> , 2016, 110, 73-84.	2.2	15
45	Synthesis, spectral investigation and development of tetrahedral copper(II) complexes as artificial metallonucleases and antimalarial agents. <i>Applied Organometallic Chemistry</i> , 2015, 29, 357-367.	3.5	16
46	Copper(II) Complexes with N,O-Donor Ligands and Ofloxacin Drug as Antibacterial, DNA Interacting, Cytotoxic and SOD Mimic Agent. <i>Indian Journal of Microbiology</i> , 2015, 55, 302-312.	2.7	3
47	DNA interaction, cytotoxicity, antibacterial and antituberculosis activity of oxovanadium(IV) complexes derived from fluoroquinolones and 4-hydroxy-5-((4-hydroxyphenyl)diazanyl)thiazole-2(3H)-thione. <i>RSC Advances</i> , 2015, 5, 21710-21719.	3.6	22
48	Synthesis of 1,3,5-trisubstituted pyrazoline derivatives and their applications. <i>RSC Advances</i> , 2015, 5, 85350-85362.	3.6	33
49	Antimalarial, antimicrobial, cytotoxic, DNA interaction and SOD like activities of tetrahedral copper(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1881-1892.	3.9	23
50	DNA interactions and promotion in antibacterial activities of the norfloxacin drug due to formation of mixed-ligand copper(II) complexes. <i>Monatshefte für Chemie</i> , 2014, 145, 369-381.	1.8	12
51	Square Planar Platinum(II) Complexes with N,S-Donor Ligands: Synthesis, Characterisation, DNA Interaction and Cytotoxic Activity. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1846-1858.	2.9	7
52	DNA interaction and cytotoxic activities of square planar platinum(II) complexes with N, S-donor ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 261-267.	3.9	19
53	Cytotoxic, antibacterial and nucleic acid interaction studies of square planar palladium(II) complexes. <i>Inorganica Chimica Acta</i> , 2014, 419, 45-54.	2.4	8
54	Cytotoxic, DNA binding, DNA cleavage and antibacterial studies of ruthenium(II)-fluoroquinolone complexes. <i>Journal of Chemical Sciences</i> , 2014, 126, 739-749.	1.5	20

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55	Metal-Based Biologically Active Compounds: Synthesis, Characterization, DNA Interaction, Antibacterial, Cytotoxic and SOD Mimic Activities. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1329-1345.	2.9	21
56	Synthesis, characterization and biological studies of mononuclear copper(II) complexes with ciprofloxacin and N, O donor ligands. <i>Inorganic Chemistry Communication</i> , 2013, 27, 51-55.	3.9	35
57	Synthesis and evaluation of gold(III) complexes as efficient DNA binders and cytotoxic agents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 110, 20-27.	3.9	30
58	DNA binding, cytotoxicity and DNA cleavage promoted by gold(III) complexes. <i>Inorganic Chemistry Communication</i> , 2013, 29, 190-193.	3.9	23
59	Cytotoxic, antibacterial, DNA interaction and superoxide dismutase like activities of sparfloxacin drug based copper(II) complexes with nitrogen donor ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 48-55.	3.9	49
60	Square planar palladium(II) complexes of bipyridines: synthesis, characterization, and biological studies. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3833-3844.	2.2	21
61	Interactions with herring sperm DNA and biological studies of sparfloxacin drug based copper(II) compounds. <i>Applied Organometallic Chemistry</i> , 2012, 26, 641-649.	3.5	6
62	Study of SOD Mimic and Nucleic Acid Interaction Activity Exerted by Enrofloxacin Based Copper(II) Complexes. <i>Chemistry and Biodiversity</i> , 2012, 9, 2810-2824.	2.1	7
63	Synthesis, characterization, antibacterial activity and DNA interaction studies of drug-based mixed ligand copper(II) complexes with terpyridines. <i>Medicinal Chemistry Research</i> , 2012, 21, 2723-2733.	2.4	18
64	Interaction of drug based copper(II) complexes with Herring Sperm DNA and their biological activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 66-73.	3.9	12
65	DNA interactions and cytotoxic studies of cis-platin analogues of substituted 2,2'-bipyridines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 54-59.	3.9	8
66	Interaction of palladium(II) coordination compounds with calf thymus DNA and their antibacterial activity. <i>Inorganic Chemistry Communication</i> , 2012, 21, 61-64.	3.9	21
67	DNA interaction, <i>in vitro</i> antimicrobial and SOD-like activity of copper(II) complexes with norfloxacin and terpyridines. <i>Journal of Organometallic Chemistry</i> , 2012, 701, 8-16.	1.8	23
68	Synthesis, Characterization, and Evaluation of Five Coordinated Copper(II) Complexes as Antibacterial, Artificial Nuclease, and Sod Mimics. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 445-460.	1.1	2
69	DNA-binding and cleavage activity of polypyridyl ruthenium(II) complexes. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1926-1936.	2.2	18
70	Spectroscopic Study of DNA Hydrolysis, DNA Intercalative, and Electrostatic Interaction Activity Exerted by Drug Based Coordination Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 152-162.	1.2	22
71	Synthesis, Characterization, Covalent Binding, and Degree of Unwinding of Platinum(II) Bipyridine Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 838-843.	1.2	2
72	Cytotoxic, DNA Interaction, SOD Mimic, and Antimicrobial Activities of Square Pyramidal Copper(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1224-1232.	1.2	5

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73	Synthesis, spectral investigation and biological interphase of drug-based cytotoxic square pyramidal coordination compounds. <i>Applied Organometallic Chemistry</i> , 2012, 26, 217-224.	3.5	17
74	Topoisomerase Inhibition, Nucleolytic and Electrolytic Contribution on DNA Binding Activity Exerted by Biological Active Analogue of Coordination Compounds. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1949-1968.	2.9	26
75	DNA interaction and in-vitro antibacterial studies of fluoroquinolone based platinum(II) complexes. <i>Inorganic Chemistry Communication</i> , 2012, 15, 248-251.	3.9	38
76	Nucleic acid interaction and antibacterial behaviours of a ternary palladium(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 508-514.	3.9	21
77	Copper(II) complexes with norfloxacin and neutral terpyridines: Cytotoxic, antibacterial, superoxide dismutase and DNA-interaction approach. <i>Polyhedron</i> , 2012, 40, 159-167.	2.2	30
78	Spectrophotometric determination of ciprofloxacin by ion pair formation. <i>Journal of Analytical Chemistry</i> , 2012, 67, 655-660.	0.9	6
79	Thermal, spectral, and thermodynamic studies for evaluation of calf thymus DNA interaction activity of some copper(II) complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 55-64.	3.6	13
80	Synthesis, characterization and biological activities of ciprofloxacin drug based metal complexes. <i>Acta Chimica Slovenica</i> , 2012, 59, 622-31.	0.6	8
81	Third generation fluoroquinolones antibacterial drug based mixed-ligand Cu(II) complexes: structure, antibacterial activity, superoxide dismutase activity and DNA-interaction approach. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 188-197.	5.2	16
82	Effect of substituent of terpyridines on the DNA-interaction of polypyridyl ruthenium(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 84, 243-248.	3.9	20
83	In vitro bacteriostatic and DNA interaction studies of drug-based mixed-ligand complexes of cobalt(II). <i>Medicinal Chemistry Research</i> , 2011, 20, 220-230.	2.4	19
84	DNA binding and cleavage by dinuclear nickel(II) complexes with neutral bidentate ligands and ciprofloxacin. <i>Medicinal Chemistry Research</i> , 2011, 20, 1371-1384.	2.4	15
85	Antibacterial and Superoxide Dismutase Activity as Well as DNA Interactions of Ciprofloxacin-Based Ternary Copper(II) Phenanthroline Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1602-1611.	1.2	3
86	Antibacterial, SOD mimic and nuclease activities of copper(II) complexes containing ofloxacin and neutral bidentate ligands. <i>Applied Organometallic Chemistry</i> , 2011, 25, 27-33.	3.5	10
87	Synthesis, characterization, antimicrobial, SOD mimic and DNA interaction behavior of copper(II) complexes with pefloxacin and phenanthroline derivatives. <i>Applied Organometallic Chemistry</i> , 2011, 25, 348-355.	3.5	6
88	DNA interaction, free radical scavenging and in-vitro antibacterial activity of drug-based copper(II) complexes. <i>Applied Organometallic Chemistry</i> , 2011, 25, 653-660.	3.5	7
89	Synthesis, biological aspects and SOD mimic activity of square pyramidal copper(II) complexes with the 3rd generation quinolone drug sparfloxacin and phenanthroline derivatives. <i>Inorganic Chemistry Communication</i> , 2011, 14, 128-132.	3.9	26
90	Synthesis, characterization, antibacterial activity, SOD mimic and interaction with DNA of drug based copper(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 763-770.	3.9	29

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91	Antibacterial, nuclease, and SOD-mimic behaviors of copper(II) complexes of norfloxacin and phenanthrolines. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1276-1288.	2.2	14
92	Synthesis, characterization and DNA binding and cleavage properties of ruthenium(II) complexes with various polypyridyls. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 734-741.	5.2	7
93	Antibacterial and DNA interaction studies of zinc(II) complexes with quinolone family member, ciprofloxacin. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 439-446.	5.5	38
94	Synthesis, characterization and biological studies of some homodinuclear complexes of zinc with second-generation quinolone drug and neutral bidentate ligands. <i>Polyhedron</i> , 2010, 29, 1918-1924.	2.2	8
95	Antibacterial, DNA interaction and superoxide dismutase activity of drug based copper(II) coordination compounds. <i>Polyhedron</i> , 2010, 29, 3238-3245.	2.2	45
96	Square pyramidal copper(II) complexes with fourth generation fluoroquinolone and neutral bidentate ligand: Structure, antibacterial, SOD mimic and DNA-interaction studies. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1227-1235.	3.0	46
97	SOD mimic activity, DNA binding and in-vitro antibacterial studies of drug based copper(II) complexes. <i>Inorganic Chemistry Communication</i> , 2010, 13, 618-621.	3.9	30
98	Antimicrobial and nuclease activity of mixed polypyridyl ruthenium(II) complexes. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1480-1484.	3.9	9
99	Dna Interactions and Promotion in Antibacterial Activities of Ciprofloxacin Drug Due to Formation of Mixed-Ligand Complexes of Oxovanadium(IV). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 200-215.	1.1	3
100	DNA-interaction and in vitro antimicrobial studies of some mixed-ligand complexes of cobalt(II) with fluoroquinolone antibacterial agent ciprofloxacin and some neutral bidentate ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2870-2873.	2.2	27
101	Interaction of drug based binuclear mixed-ligand complexes with DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5648-5655.	3.0	24
102	Synthesis, characterization, and thermal and biocidal aspects of drug-based metal complexes. <i>Pharmaceutical Chemistry Journal</i> , 2008, 42, 687-692.	0.8	16
103	Synthesis, spectroscopy, thermal and biological aspect of novel six-coordinate dimeric iron(III) mixed-ligand complexes. <i>Applied Organometallic Chemistry</i> , 2008, 22, 415-426.	3.5	6
104	Five-coordinated oxovanadium(IV) complexes derived from amino acids and ciprofloxacin: Synthesis, spectral, antimicrobial, and DNA interaction approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6494-6500.	2.2	23
105	Synthesis, characterization and biological aspects of novel five-coordinated dimeric-Cu(II) systems. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 108-119.	5.2	16
106	Synthesis, characterization, in-vitro biocidal and nuclease activity of some coordination compounds. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3336-3349.	2.2	6
107	Polymeric Coordination Compounds Derived from Transition Metal(II) with Tetradentate Schiff-base: Synthetic, Spectroscopic, Magnetic and Thermal Approach. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 44, 599-603.	2.2	11
108	Synthesis, spectroscopic and biological aspects of iron(II) complexes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 477-487.	5.2	20

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109	Dicoumarol complexes of Cu(II), Fe(II) and Fe(III): preparation, characterization, in-vitro antibacterial and DNA binding activity. <i>Applied Organometallic Chemistry</i> , 2007, 21, 719-727.	3.5	14
110	Synthesis, spectral, thermal, DNA interaction and antimicrobial properties of novel Cu(II) heterochelates. <i>Applied Organometallic Chemistry</i> , 2007, 21, 739-749.	3.5	23
111	DNA binding, antibacterial and spectral investigations of drug-Fe(II) complexes. <i>Applied Organometallic Chemistry</i> , 2007, 21, 926-934.	3.5	6
112	Synthesis, physicochemical characteristics, and biocidal activity of some transition metal mixed-ligand complexes with bidentate (NO and NN) Schiff bases. <i>Pharmaceutical Chemistry Journal</i> , 2007, 41, 78-81.	0.8	20
113	Bactericidal activity of different oxovanadium(IV) complexes with Schiff bases and application of chelation theory. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 203-209.	5.2	89
114	Preparation of Schiff base complexes of Mn(II), Co(II), Ni(II), Cu(II), Zn(II), and Cd(II) and their spectroscopic, magnetic, thermal, and antifungal studies. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006, 32, 431-436.	1.0	20
115	Synthesis, structural characterization, and antifungal activity of Schiff bases and their transition metal mixed-ligand complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 67-72.	1.3	18
116	Synthesis and antifungal activity of oxovanadium(IV) complexes with Schiff bases. <i>Pharmaceutical Chemistry Journal</i> , 2006, 40, 494-497.	0.8	6
117	Synthesis, spectroscopy, and antibacterial activity of some transition metal complexes with tridentate (ONS) and bidentate (NN) donor Schiff bases. <i>Pharmaceutical Chemistry Journal</i> , 2006, 40, 544-548.	0.8	6
118	Mode of antifungal activity and synthesis of mixed-ligand complexes. <i>Pharmaceutical Chemistry Journal</i> , 2006, 40, 655-659.	0.8	1
119	Study on increase in toxicity of Schiff bases on microorganism on chelation with metal. <i>Toxicological and Environmental Chemistry</i> , 2006, 88, 57-64.	1.2	19
120	Synthesis, characterization and biological evaluation of manganese(II), cobalt(II), nickel(II), copper(II), and cadmium(II) complexes with monobasic (NO) and neutral (NN) Schiff bases. <i>Transition Metal Chemistry</i> , 2005, 30, 13-17.	1.4	64
121	Toxic effect of transition metal complexes on <i>Salmonella typhi</i> , <i>Escherichia coli</i> and <i>Serratia marcescens</i> . <i>Toxicological and Environmental Chemistry</i> , 2005, 87, 407-414.	1.2	4
122	Synthesis, structural elucidation, electro-chemical behaviour and fungitoxic activity of transition metal(II) mixed-ligand complexes with some Schiff bases. <i>Toxicological and Environmental Chemistry</i> , 2005, 87, 449-461.	1.2	7
123	Preparation, characterization and toxic activity of oxovanadium(IV) mixed-ligand complexes. <i>Toxicological and Environmental Chemistry</i> , 2005, 87, 313-320.	1.2	24