

**List of Research Publications in Journals**

<b>Sr. No.</b>	<b>Author's Name</b>	<b>Title</b>	<b>Name of the Journal/ Impact factor</b>	<b>Vol. (Issue)</b>	<b>Pages</b>	<b>Year</b>
<b>122</b>	Mohan N. Patel*, Parag S. Karia, Pankajkumar A. Vekariya, Anshul P. Patidar	Synthesis of heterocyclic compounds and its applications	Arabian Journal of Chemistry/ <b>3.725</b>	-	-	2015
<b>121</b>	Parag S. Karia, Pankajkumar A. Vekariya, Anshul P. Patidar, Mohan N. Patel*	Copper(II) Complexes with N,O-Donor Ligands and Ofloxacin Drug as Antibacterial, DNA Interacting, Cytotoxic and SOD Mimic Agent	Indian Journal of Microbiology/ <b>0.89</b>	55	302-312	2015
<b>120</b>	Mohan N. Patel*, Parag S. Karia, Pankaj A. Vekariya and Anshul P. Patidar	Synthesis, Characterization and Biological Elucidation of Mixed Ligand Cu(II) Complexes as Artificial Metallonucleases	Journal of Pharmaceutical Sciences & Emerging Drugs	3 (1)	-	2015
<b>119</b>	Jugal V. Mehta <sup>a</sup> , Sanjay B. Gajera <sup>a</sup> , Disha D. Patel <sup>b</sup> and Mohan N. Patel <sup>a*</sup>	Synthesis, spectral investigation and development of tetrahedral copper(II) complexes as artificial metallonucleases and antimalarial agents	Applied Organometallic Chemistry/ <b>2.248</b>	29	357-367	2015
<b>118</b>	Sanjay B. Gajera, Jugal V. Mehta and Mohan N. Patel*	DNA interaction, cytotoxicity, antibacterial and antituberculosis activity of oxovanadium(IV) complexes derived from fluoroquinolones and 4-hydroxy-5-((4-hydroxyphenyl) diazenyl) thiazole- 2(3H)-thione	RSC Advances/ <b>3.84</b>	5	21710	2015
<b>117</b>	Jugal V Mehta, Sanjay B. Gajera and Mohan N. Patel	Antimalarial, antimicrobial, cytotoxic, DNA interaction and SOD like activities of tetrahedral copper(II) complexes	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy/ <b>2.353</b>	136	1881-1892	2015
<b>116</b>	M. N. Patel, H. N. Joshi, C. R. Patel	Cytotoxic, DNA binding, DNA cleavage and antibacterial studies of ruthenium-fluoroquinolone complexes	Journal of Chemical Sciences/ <b>1.19</b>	126(3)	739-749	2014
<b>115</b>	Patel, Mohan N. Patidar, Anshul P. Karia, Parag S. Vekariya, Pankaj A.	Cytotoxic, antibacterial and nucleic acid interaction studies of square planar palladium(II) complexes	Inorganica Chimica Acta/ <b>2.046</b>	419	45-54	2014
<b>114</b>	M. N. Patel, C. R. Patel, H. N. Joshi, K. P.	DNA interaction and cytotoxic activities of square planar platinum(II) complexes with N, S -donor ligands	Spectrochimica Acta Part A: Molecular and	127	261-267	2014

	Thakor		Biomolecular Spectroscopy/ <b>2.353</b>			
<b>113</b>	M. N. Patel, C. R. Patel, H. N. Joshi, P. A. Vekariya	Square planar platinum(II) complexes with N, S -donor ligands: Synthesis, characterization, DNA interaction and cytotoxic activity	Applied Biochemistry and Biotechnology/ <b>IF-1.735</b>	172	1846–1858	2014
<b>112</b>	M. N. Patel, A. P. Patidar	DNA interactions and promotion in antibacterial activities of norfloxacin drug due to formation of mixed-ligand copper(II) complexes	Monatshefte für Chemie/ <b>1.222</b> Accepted	145	369-381	2014
<b>111</b>	M. N. Patel, C. R. Patel, H. N. Joshi	Metal based biologically active compounds: synthesis, characterization, DNA interaction, antibacterial, cytotoxic and SOD mimic activities	Applied Biochemistry and Biotechnology/ <b>1.735</b>	169	1329–1345	2013
<b>110</b>	M. N. Patel, B. S. Bhatt, P. A. Dosi	DNA Binding, Cytotoxicity and DNA Cleavage Promoted by Gold(III) Complexes	Inorganic chemistry communications/ <b>1.777</b>	29	190-193	2013
<b>109</b>	M. N. Patel, B. S. Bhatt, P. A. Dosi	Synthesis and evaluation of gold(III) complexes as efficient DNA binders and cytotoxic agents	Spectrochimica Acta Part A / <b>2.353</b>	110	20-27	2013
<b>108</b>	M. N. Patel, H. N. Joshi, C. R. Patel	Cytotoxic, antibacterial, DNA interaction and superoxide dismutase like activities of sparfloxacin drug based copper(II) complexes with nitrogen donor ligands	Spectrochimica Acta Part A / <b>2.353</b>	104	48-55	2013
<b>107</b>	M. N. Patel, C. R. Patel, H. N. Joshi	Synthesis, characterization and biological studies of mononuclear copper(II) complexes with ciprofloxacin and N, O donor ligand	Inorganic Chemistry Communications/ <b>1.777</b>	27	51-55	2013
<b>106</b>	M. N. Patel, H. N. Joshi, C. R. Patel	Interactions with herring sperm DNA and biological studies of sparfloxacin drug-based copper(II) compounds	Applied Organometallic Chemistry/ <b>2.248</b>	26	641-649	2012
<b>105</b>	M. N. Patel, P. A. Dosi, B. S. Bhatt	Square planar palladium(II) complexes of bipyridines: synthesis, characterization and biological studies	Journal of coordination chemistry/ <b>2.012</b>	65 (21)	3833-3844	2012
<b>104</b>	M. N. Patel, P. A. Dosi, B. S. Bhatt	Synthesis, Characterization and biological Activities of Ciprofloxacin Drug Based Metal Complexes	Acta Chimica Slovenica/ <b>.81</b>	59	622–631	2012
<b>103</b>	Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi, Anshul P. Patidar	DNA interactions and cytotoxic studies of cis-platin analogues of substituted 2,20-bipyridines	Spectrochimica Acta Part A / <b>2.353</b>	97	54-59	2012
<b>102</b>	M. N. Patel, C. R. Patel, H. N. Joshi	Interaction of drug based copper(II) complexes with Sperm Herring DNA and their biological activities	Spectrochimica Acta Part A / <b>2.353</b>	97	66-73	2012
<b>101</b>	M. N. Patel, C. R. Patel, H. N. Joshi	Cytotoxic, DNA interaction, SOD mimic and antimicrobial activities of square pyramidal copper(II) complexes	ZAAC (Journal of Inorganic and General	638 (7-8)	1224-1232	2012

			Chemistry) /1.160			
100	M. N. Patel, P. A. Dosi, B. S. Bhatt	Interaction of palladium(II) coordination compounds with calf thymus DNA and their antibacterial activity	Inorganic Chemistry Communications/ 1.777	21	61-64	2012
99	M. N. Patel, H. N. Joshi, C. R. Patel	Copper(II) complexes with norfloxacin and neutral terpyridines: cytotoxic, antibacterial, superoxide dismutase and DNA-interaction approach	Polyhedron /2.011	40	159-167	2012
98	M. N. Patel, D. S. Gandhi, P. A. Parmar, H. N. Joshi	DNA binding and cleavage activity of polypyridyl ruthenium(II) complexes	Journal of coordination chemistry/2.012	65	1926-1936	2012
97	M. N. Patel, D. S. Gandhi, P. A. Parmar	Synthesis, characterization and evaluation of five coordinated copper(II) complexes as antibacterial, artificial nuclease and SOD mimics	Nucleosides, Nucleotides and Nucleic Acids/1.018	31	445-460	2012
96	M. N. Patel, B. S. Bhatt, P. A. Dosi, A. V. R. L. Narshimacharya, H. V. Movaliya	Synthesis, spectral investigation and biological interphase of drug based cytotoxic square pyramidal coordination compounds	Applied Organometallic Chemistry/2.248	26	217-224	2012
95	M. N. Patel, B. S. Bhatt, P. A. Dosi	Topoisomerase inhibition nucleolytic and electrolytic contribution on DNA binding activity exerted by biological active analogue of coordination compounds	Applied biochemistry and biotechnology/1.735	166	1949-1968	2012
94	M. N. Patel, B. S. Bhatt, P. A. Dosi	Study of SOD mimic and nucleic acid interaction activity exerted by ciprofloxacin based copper(II) complexes of phenanthrolines	Chemistry & Biodiversity /1.795	9	2810-2824	2012
93	M. N. Patel, D. S. Gandhi, P. A. Parmar, B. S. Bhatt, A. P. Patidar	Cis-platinanalogous of bipyridines; covalent binding and degree of unwinding	ZAAC (Journal of Inorganic and General Chemistry) /1.160	63(8)	838-843	2012
92	Mohan N. Patel, Promise A. Dosi, Bhupesh S. Bhatt	Synthesis, characterization, antibacterial activity and DNA interaction studies of drug based mixed ligand copper(II) complexes with terpyridines	Medicinal Chemistry Research/ 1.402	21	2723–2733	2012
91	M. N. Patel, B. S. Bhatt, D. S. Gandhi, P. A. Dosi, P. A. Parmar	Spectrophotometric determination of ciprofloxacin by ion pair formation	Journal of Analytical chemistry/.479	67 (5)	655-660	2012
90	M. N. Patel, D. S. Gandhi, P. A. Parmar	DNA interacting and in-vitro antibacterial studies of fluoroquinolone based platinum(II) complexes	Journal of Organometallic Chemistry/ 2.173	701	8-16	2012
89	Mohan N. Patel, Promise A. Dosi,	Nucleic acid interaction and antibacterial behaviors of a ternary palladium(II)	Spectrochimica Acta Part A /2.353	86	508-514	2012

	Bhupesh S. Bhatt	complexes				
88	Mohan N. Patel, Deepen S. Gandhi, Pradhuman A. Parmar	DNA interacting and in-vitro antibacterial studies of fluoroquinolone based platinum(II) complexes	Inorganic Chemistry Communications/ <b>1.777</b>	15	248-251	2012
87	Mohan N. Patel, Bhupesh S. Bhatt, Promise A. Dosi	Spectroscopic study of DNA hydrolysis, DNA intercalative and electrostatic interaction activity exerted by drug based coordination compounds	ZAAC(Journal of Inorganic and General Chemistry) / <b>1.160</b>	638 (01)	152-162	2012
86	Mohan N. Patel, Bhupesh S. Bhatt, Promise A. Dosi	Thermal, spectral and thermodynamic studies for evaluation of calf thymus DNA interaction activity of some copper(II) complexes	Journal of Thermal Analysis and Calorimetry/ <b>2.042</b>	107 (1)	55-64	2012
85	M. N. Patel, P. A. Dosi, B. S. Bhatt	Antibacterial and superoxide dismutase activity and DNA interactions of ciprofloxacin-based ternary copper(II) phenanthroline complexes	ZAAC(Journal of Inorganic and General Chemistry) / <b>1.160</b>	637	1602-1611	2011
84	Mohan N. Patel, Promise A. Dosi, Bhupesh S. Bhatt	DNA interaction, free radical scavenging and <i>in vitro</i> -antibacterial activity of drug-based copper(II) complexes	Applied Organometallic Chemistry/ <b>2.248</b>	25(9)	653-660	2011
83	Mohan N. Patel, Deepen S. Gandhi, Pradhuman A. Parmar	Effect of substituent of terpyridines on the DNA-interaction of polypyridyl ruthenium(II) complexes	Spectrochimica Acta Part A / <b>2.353</b>	84	243-248	2011
82	Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi	Synthesis, characterization and DNA binding and cleavage properties of ruthenium(II) complexes with various polypyridyls	Journal of Enzyme Inhibition and Medicinal Chemistry/ <b>2.332</b>	26(5)	734-741	2011
81	Mohan Patel, Deepen Gandhi, Pradhuman Parmar	Antibacterial, nuclease and SOD mimic behavior of copper(II) complexes of norfloxacin and phenanthrolines	Journal of Coordination Chemistry/ <b>2.012</b>	64(7)	1276-1288	2011
80	Mohan Patel, Deepen Gandhi and Pradhuman Parmar	Synthesis, characterization, antimicrobial activity, SOD mimic activity and DNA interaction behavior of copper(II) complexes with pefloxacin and phenanthroline derivatives	Applied Organometallic Chemistry/ <b>2.248</b>	25	348-355	2011
79	Mohan N. Patel, Promise A. Dosi, Bhupesh S. Bhatt, Vasuev R. Thakkar	Synthesis, characterization, antibacterial activity, SOD mimic and interaction with DNA of drug based copper(II) complexes	Spectrochimica Acta / <b>2.353</b>	78	763-770	2011
78	Mohan N. Patel, Sanjay H. Patel, Pramod B. Pansuriya	DNA binding and cleavage by dinuclear nickel(II) complexes with neutral bidentate ligands and ciprofloxacin	Medicinal Chemistry Research/ <b>1.402</b>	20	1371-1384	2011
77	Mohan N. Patel, Deepen S. Gandhi, Pradhuman A. Parmar	Synthesis, biological aspects and SOD mimic activity of square pyramidal copper(II) complexes with the 3rd generation quinolone drug sparfloxacin and phenanthroline derivatives	Inorganic Chemistry Communications/ <b>1.777</b>	14	128-132	2011
76	M. N. Patel	Ternary copper(II) complexes of	Journal of Enzyme	26(3)	359-366	2011

	PradhumanAmrutsinhParmar, Deepen Sureshbhai Gandhi and Vasudev R. Thakker	levofloxacin and phenanthroline derivatives: In-vitro antibacterial, DNA interactions and SOD like activity	Inhibition and Medicinal Chemistry/ <b>2.332</b>			
75	Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi	Antibacterial, SOD mimic and nuclease activities of copper(II) complexes containing ofloxacin and neutral bidentate ligands	Applied Organometallic Chemistry/ <b>2.248</b>	25	27-33	2011
74	Mohan N. Patel, Pradhuman A. Parmar, and Deepen S. Gandhi	Third generation fluoroquinolones antibacterial drug based mixed-ligand Cu(II) complexes: Structure, antibacterial activity, superoxide dismutase activity and DNA- interaction approach	Journal of Enzyme Inhibition and Medicinal Chemistry/ <b>2.332</b>	26(2)	188-197	2011
73	Mohan Patel, MehulChhasatia, Bhupesh Bhatt	In vitro bacteriostatic and DNA interaction studies of drug-based mixed-ligand complexes of cobalt(II)	Medicinal Chemistry Research/ <b>1.402</b>	20	220-230	2011
72	Mohan N. Patel, Praduman A. Parmar, Deepen S. Gandhi, Vasudev R. Thakkar	Antimicrobial and nuclease activity of mixed polypyridyl ruthenium(II) complexes	Inorganic Chemistry Communications/ <b>1.777</b>	13	1480-1484	2010
71	Mohan N. Patel, Promise A. Dosi, Bhupesh S. Bhatt	Antibacterial, DNA interaction and superoxide dismutase activity of drug based copper(II) coordination compounds	Polyhedron / <b>2.011</b>	29	3238-3245	2010
70	Mohan N. Patel, Deepn S. Gandhi, Pradhuman A. Parmar	SOD mimic activity, DNA binding and in-vitro antibacterial studies of drug based copper(II) complexes	Inorganic Chemistry Communications/ <b>1.777</b>	13	618-621	2010
69	M. N. Patel, S. H. Patel, M. R. Chhasatia, C. R. Desai	DNA interactions and promotion in antibacterial activities of ciprofloxacin drug due to formationof mixed-ligand complexes of oxovanadium(iv)	Nucleosides, Nucleotides and Nucleic Acids/ <b>1.018</b>	29(03)	200-215	2010
68	M. N. Patel, M. R. Chhasatia, P. A. Dosi, H. S. Bariya, V. R. Thakkar	Synthesis, characterization and biological studies of some homodinuclear complexes of zinc with second-generation quinolone drug and neutral bidentate ligands	Polyhedron/ <b>2.011</b>	29	1918-1924	2010
67	Mohan N. Patel, Pradhuman A. Parmar, Deepen S. Gandhi	Square pyramidal copper(II) complexes with forth generation fluoroquinolone and neutral bidentate ligand: Structure, antibacterial, SOD mimic and DNA-interaction studies	Bioorganic & Medicinal Chemistry/ <b>2.793</b>	18	1227-1235	2010
66	Mohan Patel, MehulChhasatia, Pradhuman Parmar	Antibacterial and DNA interaction studies of zinc(II) complexes with quinolone family member, ciprofloxacin	European Journal of Medicinal Chemistry/ <b>3.447</b>	45	439-446	2010
65	Mohan N. Patel, Mehulsinh R. Chhasatia, Deepen	Interaction of drug based binuclear mixed-ligand complexes with DNA	Bioorganic& Medicinal Chemistry/ <b>2.793</b>	17	5648-5655	2009

	S. Gandhi					
<b>64</b>	M. N. Patel, M. R. Chhasatia, D. S. Gandhi	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	Bioorganic & Medicinal Chemistry Letters/ <b>2.420</b>	19	2870-2873	2009
<b>63</b>	M. N. Patel, M. R. Chhasatia, S. H. Patel, H. S. Bariya, V. R. Thakkar	DNA cleavage, binding and intercalation studies of drug-based oxovanadium(IV) complexes	Journal of Enzyme Inhibition and Medicinal Chemistry/ <b>2.332</b>	24(3)	715–721	2009
<b>62</b>	M. N. Patel, S. H. Patel, M. R. Chhasatia, P. A. Parmar	Five-coordinated oxovanadium(IV) complexes derived from amino acids and ciprofloxacin: Synthesis, spectral, antimicrobial, and DNA interaction approach	Bioorganic & Medicinal Chemistry Letters/ <b>2.420</b>	18	6494–6500	2008
<b>61</b>	M. N. Patel, P. B. Pansuriya, P. A. Parmar, D. S. Gandhi	Synthesis, characterization, thermal and biocidal aspects of drug based metal complexes	Pharmaceutical Chemistry Journal/ <b>0.452</b>	42(12)	687-692	2008
<b>60</b>	M. N. Patel, P. B. Pansuriya and M. R. Chhasatia	Synthesis, spectroscopic, thermal and biological aspects of novel six coordinated dimeric iron(III) mixed-ligand complexes	Applied Organometallic Chemistry/ <b>2.248</b>	22	415-426	2008
<b>59</b>	C. K. Modi and M. N. Patel	Synthetic, spectroscopic and thermal aspects of some heterochelates	Journal of Thermal Analysis and Calorimetry/ <b>2.042</b>	94(1)	247-255	2008
<b>58</b>	P. B. Pansuriya, M. R. Chhasatia, S. H. Patel, M. N. Patel	Synthesis, characterization, in-vitro biocidal and nuclease activity of Cu(II), Fe(II) and Fe(III) complexes	Polish J. Chem/ <b>.444</b>	82	1527–1539	2008
<b>57</b>	Pramod B. Pansuriya, Mohan N. Patel, Mehul R. Chhasatia, PinakinDhandhukia and VasudevThakkar	Synthesis, characterization, in-vitro biocidal and nuclease activity of some coordination compounds	Journal of Coordination Chemistry/ <b>2.012</b>	61(20)	3336–3349	2008
<b>56</b>	S. H. Patel, P. B. Pansuriya, M. R. Chhasatia, H. M. Parekh and M. N. Patel	Coordination chain polymeric assemblies of trivalent lanthanides with multidentateschiff base. Synthetic, spectral investigation and thermal aspects.	Journal of Thermal Analysis and Calorimetry/ <b>2.042</b>	91(2)	413-418	2008
<b>55</b>	Pramod B. Pansuriya and M. N. Patel	Iron(III) complexes: Preparation, characterization, antibacterial activity and DNA-binding	Journal of Enzyme Inhibition and Medicinal Chemistry/ <b>2.332</b>	23(2)	230-239	2008

54	Pramod B. Pansuriya and Mohan N. Patel	Synthesis, characterization and biological aspects of novel five-coordinated dimeric-Cu(II) systems	Journal of Enzyme Inhibition and Medicinal Chemistry/2.332	23(1)	108–119	2008
53	Pramod B. Pansuriya and Mohan N. Patel	DNA-binding, antibacterial and spectral investigations of drug-Fe(II) complexes	Applied Organometallic Chemistry/2.248	21	926-934	2007
52	Pramod B. Pansuriya and Mohan N. Patel	Synthesis, spectral, thermal, DNA interaction and antimicrobial properties of novel Cu(II) heterochelates	Applied Organometallic Chemistry/2.248	21	739-749	2007
51	Pramod B. Pansuriya, M. N. Patel	Dicoumarol complexes of Cu(II), Fe(II) and Fe(III): Preparation, characterization, in-vitro antibacterial and DNA binding activity	Applied Organometallic Chemistry/2.248	21	719-727	2007
50	Pramod B. Pansuriya, PinakinDhandhukia, VasudevThakkar& Mohan N. Patel	Synthesis, spectroscopic and biological aspects of iron(II) complexes	Journal of Enzyme Inhibition and Medicinal Chemistry/2.332	22(4)	477–487	2007
49	Sanjay H. Patel, Hitesh M. Parekh, Pragnesh K. Panchal and Mohan N. Patel	Polymeric coordination compounds derived from transition metal (II) with tetradentate Schiff bases: synthetic, spectroscopic, magnetic and thermal approach	Journal of macromolecular Science Part A/.809	44	599-603	2007
48	N. H. Patel, H. M. Parekh and M. N. Patel	Synthesis, physicochemical characteristic and biocidal studies of some transition metal mixed-ligand complexes with bidentate (NO & NN) Schiff bases	Pharmaceutical Chemistry Journal/.452	41(2)	19-22	2007
47	P. K. Panchal, P. B. Pansuriya, H. M. Parekh, M. R. Chhasatia and M. N. Patel	Coordination polymeric assemblies of some d-block elements with Schiff bases and its characterization	Journal of macromolecular Science Part A/.809	44	373-378	2007
46	H. M. Parekh and M. N. Patel	Mode of antifungal activity and Synthesis of mixed-ligand complexes	Pharmaceutical Chemistry Journal/.452	40(12)	18-21	2006
45	C. K. Modi, S. H. Patel and M. N. Patel	Transition metal complexes with uninegativebidentate Schiff base. Synthetic, thermal, spectroscopic and coordination aspects	Journal of Thermal Analysis and Calorimetry/2.042	87(2)	441-448	2007
44	P. K. Panchal and M. N. Patel	Synthesis, spectroscopy, and antibacterial activity of some transition metal complexes with tridentate(ONS) and bidentate (NN) donor Schiff bases	Pharmaceutical Chemistry Journal/0.452	40(10)	24-27	2006
43	H. M. Parekh, P. K. Panchal and	Synthesis and antifungal activity of oxovanadium(IV) complexes with Schiff bases	Pharmaceutical Chemistry Journal/0.452	40(9)	494-497	2006

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42	H. M. Parekh, P. K. Panchal and M. N. Patel	In-vitro fungitoxic activity of some Schiff bases and their oxovanadium(IV) complexes	Toxicological and Environmental Chemistry/ <b>0.825</b>	88(4)	579-586	2006
41	H. M. Parekh, P. K. Panchal and M. N. Patel	Transition metal(II) ions with dinegativetetradentate Schiff base	Journal of Thermal Analysis and Calorimetry/ <b>2.042</b>	86(3)	803-807	2006
40	Pragnesh K. Panchal, Pramod B. Pansuriya and M. N. Patel	In-vitro biological evaluation of ONS and NS donor Schiff bases and their metal complexes	Journal of Enzyme Inhibition and Medicinal Chemistry/ <b>2.332</b>	21(4)	453-458	2006
39	N. H. Patel, P. K. Panchal, P. B. Pansuriya and M. N. Patel	Synthesis and spectral investigation of La(III), Ce(III), Pr(III), Nd(III) and Sm(III) coordination polymeric assemblies.	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry/ <b>0.809</b>	43(7)	1083-1090	2006
38	H. M. Parekh and M. N. Patel	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	Russian Journal of Coordination Chemistry/ <b>0.489</b>	32(6)	431-436	2006
37	P. K. Panchal, H. M. Parekh, P. B. Pansuriya and M. N. Patel	Synthesis and physicochemical study of 3d metal coordination polymers with dinegativetetradentate (NSNS) Schiff base	Polish Journal of Chemistry/ <b>0.444</b>	80	989-992	2006
36	P. K. Panchal, P. B. Pansuriya and M. N. Patel	Study on "Increase in toxicity of Schiff bases on microorganism on chelation with metal"	Toxicological and Environmental Chemistry/ <b>0.825</b>	88(1)	57-64	2006
35	Pragnesh K. Panchal, Hitesh M. Parekh, Pramod B. Pansuriya and M. N. Patel	Bactericidal activity of different oxovanadium(IV) complexes with Schiff bases and application of chelation theory	Journal Enzyme Inhibition and Medicinal Chemistry/ <b>2.332</b>	21(2)	203-209	2006
34	Hitesh M. Parekh, Saurabh R. Mehta and M. N. Patel	Synthesis, structural characterization and antifungal activity of the Schiff bases and their transition metal mixed-ligand complexes	Russian Journal of Inorganic Chemistry/ <b>0.489</b>	51(1)	01-06	2006
33	H. M. Parekh, P. B. Pansuriya and M. N. Patel	Characterization and antifungal study of genuine oxovanadium(IV) mixed-ligand complexes with Schiff bases	Polish Journal of Chemistry/ <b>0.444</b>	79	1843-1851	2005
32	Hitesh M. Parekh and Mohan N. Patel	Synthesis, structural elucidation, electrochemical behaviour and fungitoxic activity of transition metal(II) mixed-ligand complexes with some Schiff bases	Toxicological and Environmental Chemistry/ <b>0.825</b>	87(4)	449-461	2005



31	Pragnesh K. Panchal and Mohan N. Patel	Toxic effect of transition metal complexes on <i>S. typhi</i> , <i>E. coli</i> and <i>S.marcescens</i> .	Toxicological and Environmental Chemistry/ <b>0.825</b>	87(3)	407-414	2005
30	Pragnesh K. Panchal, Hitesh M. Parekh, and Mohan N. Patel,	Preparation, characterization and toxic activity of oxovanadium(IV) mixed-ligand complexes	Toxicological and Environmental Chemistry/ <b>0.825</b>	87(3)	313-320	2005
29	N. H. Patel, P. K. Panchal and M. N. Patel	Synthesis and characterization of coordination polymers of trivalent lanthanides with a Schiff base	Synth. React. Inorg. Met-Org. and Nano-Metal Chem./ <b>0.533</b>	35	107-110	2005
28	Nilesh H. Patel, Hitesh M. Parekh and Mohan N. Patel	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	Transition Metal Chemistry/ <b>1.306</b>	30	13-17	2005
27	Pragnesh K. Panchal and M. N. Patel	Synthesis, structural characterization, and antibacterial studies of some mixed-ligand first row d- transition metal complexes	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	34(7)	1277-1289	2004
26	Pragnesh K. Panchal, D. H. Patel and M. N. Patel	Preparation, thermal, spectroscopic, and antibacterial studies of some mixed-ligand complexes.	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	34(7)	1223-1235	2004
25	M. N. Patel, N. H. Patel, P. K. Panchal and D. H. Patel	Synthesis, spectral, and biocidal studies of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II) mixed-ligand complexes	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	34(5)	873-882	2004
24	Prakash P. Dholakiya and M. N. Patel	Metal complexes: Preparation, magnetic, spectral and biocidal studies of some mixed-ligand complexes with Schiff bases containing NO and NN donor atoms	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	34(3)	553-563	2004
23	Prakash P. Dholakiya And M. N. Patel	Preparation, characterization and antimicrobial activities of some mixed-ligand complexes of Mn(II), Co(II), Ni(II), Cu(II), and Cd(II) with monobasic bidentate (ON) Schiff base and neutral bidentate (NN) ligands.	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	34(2)	383-395	2004
22	Prakash P. Dholakiya and M. N. Patel	Studies on some transition metal complexes with bidentate Schiff bases	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	34(2)	371-382	2004
21	Prakash P. Dholakiya and M. N. Patel	Preparation, spectroscopic and biocidal studies of some transition metal complexes with bidentate Schiff bases	Journal of the Indian Council of Chemists	20(2)	21-25	2003

20	M. N. Patel, N. H. Patel, K. N. Patel, P. P. Dholakiya and D. H. Patel	Synthesis, characterization, and biocidal studies of some transition metal complexes containing bidentate monobasic hydroxyaldehydes and a neutral bidentate Schiff base	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	33(01)	51-62	2003
19	N. H. Patel, K. N. Patel and M. N. Patel	Synthesis and characterization of coordination chain polymers of some transition metals with Schiff base	Synth. React. Inorg. Met-org. Chem/ <b>0.533</b>	32(10)	1879-1887	2002
18.	P. P. Dholakiya and M. N. Patel	Preparation, structural properties and biocidal studies of heterochelates of some transition metal with Schiff bases and neutral heterocycle	J. Indian Council of Chemists	19(01)	41-45	2002
17	Prakash P. Dholakiya and M. N. Patel	Preparation, magnetic, spectral and biocidal studies of some transition metal complexes with 3,5-dibromosalicylideneaniline and neutral bidentate ligands.	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	32(04)	819-829	2002
16	Prakash P. Dholakiya and M. N. Patel	Synthesis, spectroscopic studies, and antimicrobial activity of Mn(II), Co(II), Ni(II), Cu(II) and Cd(II) complexes with bidentate Schiff bases and 2,2'-bipyridylamine	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	32(04)	753-762	2002
15	Nilesh H. Patel, K. M. Patel, K. N. Patel and M. N. Patel	Coordination chain polymers of some transition metals with Schiff base	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	31(06)	1031-1039	2001
14	Ketan M. Patel, K. N. Patel, N. H. Patel and M. N. Patel	Synthesis, characterization, and antimicrobial activities of some transition metal complexes with a tridentate dibasic Schiff base and bidentate 2,2'-bipyridylamine	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	31(02)	239-246	2001
13	Ketan M. Patel, K. N. Patel, N. H. Patel and M. N. Patel	Synthesis, characterization and antimicrobial activities of some transition metal complexes with the Schiff base of 5-bromosalicylaldehyde and o-amino phenol and 2, 2'-bipyridylamine	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	30(10)	1965-1973	2000
12	Ketan M. Patel, N. H. Patel, K. N. Patel and M. N. Patel	Synthesis, structural characterization and biocidal studies of manganese(II), iron(II), cobalt(II), nickel(II), copper(II), zinc(II) and cadmium(II) complexes with tridentate Schiff bases and 2,2'-bipyridylamine	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	30(10)	1953-1963	2000
11	Ketan M. Patel, N. H. Patel, K. N. Patel and M. N. Patel.	Synthesis, structural characterization and biocidal studies of Cu(II), Ni(II), Zn(II), Co(II), Fe(II), Mn(II) and Cd(II) complexes derived from Schiff bases (ONO) and bidentate (NN) heterocycle	Journal of the Indian Council of Chemists	17(1)	19-24	2000

10	K. N. Patel, K. M. Patel, N. H. Patel, C. R. Patel, M. N. Patel	Synthesis, characterization and antimicrobial activities of some mixed-ligand complexes	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	30(8)	1617-1627	2000
9	K. N. Patel, N. H. Patel, K. M. Patel, M. N. Patel	Synthesis and characterization of cobalt(II), nickel(II), copper(II), nickel(II), zinc(II) mixed-ligand complexes	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	30(5)	921-930	2000
8	K. N. Patel, N. H. Patel, K. M. Patel, M. N. Patel I. L. Kothari,	Synthesis, characterization and antimicrobial activities of some transition metal complexes containing two bidentate (O-O) monobasic hydroxyaldehydes and 2,2'-bipyridylamine	Synth. React. Inorg. Met-Org. Chem./ <b>0.533</b>	30(5)	829-841	2000
7	K. N. Patel, N. H. Patel, K. M. Patel and M. N. Patel	Mixed-Ligand complexes of some transition metal with bidentate bifunctional Schiff bases and 2, 2'-bipyridylamine	Journal of the Indian Council of Chemists	16(1)	17-20	1999
6	K. N. Patel, K. M. Patel, N. H. Patel and M. N. Patel	Synthesis, characterization and antimicrobial activity of some transition metal complexes with bidentate Schiff bases and bidentate heterocycle	Journal of the Indian Council of Chemists	16(1)	13-16	1999
5	N. M. Patel, M. N. Patel, J. D. Joshi	Equilibrium studies on binary complexes of trivalent lanthanones with amino acids	Journal of Indian Chemical Society/ <b>0.173</b>	73	69 – 70	1996
4	Mohan N. Patel, J. D. Joshi	Equilibrium studies on ternary heterochelates : zinc (II) and cadmium (II) + 2,2'-bipyridyl + amino acids and its comparison with binary complexes.	Prajna, Journal of Sardar Patel University	4	27-30	1994
3	M. R. Patel, Nitin Patel, Mohan Patel, and J. D. Joshi	Studies on biologically relevant binary and ternary metal chelates. Ternary copper (II), nickel(II), zinc(II), and cadmium(II) chelates with 2,2'-bipyridylamine and bidentate amino acids and tridentate aspartic acid.	Journal of Indian Chemical Society/ <b>0.173</b>	70	569 – 572	1993
2	M. N. Patel, J. D. Joshi.	Equilibrium study on complex formation of lanthanum(III) and cerium(III) with some amino acids by potentiometric technique and determination of their thermodynamic parameters at different temperatures	Prajna, Journal of Sardar Patel University	3	41 – 44	1993
1	Ms. Mercy Philip, M. N. Patel, M. P. Peerzada and J. D. Joshi	Stability constants of ternary metal(II) / 2,2'-bipyridylamine / amino acidate complexes of nickel, zinc and cadmium	Journal of Indian Chemical Society/ <b>0.173</b>	65	871-872	1988