

Iztok Turel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155 papers	5,554 citations	45 h-index	68 g-index
166 ext. papers	5,995 ext. citations	4 avg, IF	5.75 L-index

#	Paper	IF	Citations
155	Clinically used antifungal azoles as ligands for gold(III) complexes: the influence of the Au(III) ion on the antimicrobial activity of the complex.. <i>Dalton Transactions</i> , 2022 ,	4.3	3
154	Metal(II) Complexes of the Fluoroquinolone Fleroxacin: Synthesis, Characterization and Biological Profile. <i>Pharmaceutics</i> , 2022 , 14, 898	6.4	0
153	Zinc(II) Complexes with Dimethyl 2,2'-Bipyridine-4,5-dicarboxylate: Structure, Antimicrobial Activity and DNA/BSA Binding Study. <i>Inorganics</i> , 2022 , 10, 71	2.9	1
152	Cu(II), Mn(II) and Zn(II) complexes of hydrazones with a quaternary ammonium moiety: synthesis, experimental and theoretical characterization and cytotoxic activity. <i>Dalton Transactions</i> , 2021 ,	4.3	3
151	Large enhancement of photocatalytic activity in ZnO thin films grown by plasma-enhanced atomic layer deposition. <i>Surfaces and Interfaces</i> , 2021 , 23, 100984	4.1	2
150	Comparison of Solution Chemical Properties and Biological Activity of Ruthenium Complexes of Selected -Diketone, 8-Hydroxyquinoline and Pyrithione Ligands. <i>Pharmaceutics</i> , 2021 , 14,	5.2	3
149	Organoruthenium Complexes with Benzo-Fused Pyrithiones Overcome Platinum Resistance in Ovarian Cancer Cells. <i>Cancers</i> , 2021 , 13,	6.6	9
148	Tailoring copper(ii) complexes with pyridine-4,5-dicarboxylate esters for anti-Candida activity. <i>Dalton Transactions</i> , 2021 , 50, 2627-2638	4.3	5
147	Structural Characterization, Antimicrobial Activity and BSA/DNA Binding Affinity of New Silver(I) Complexes with Thianthrene and 1,8-Naphthyridine. <i>Molecules</i> , 2021 , 26,	4.8	5
146	Metal- and metalloid-based compounds to target and reverse cancer multidrug resistance. <i>Drug Resistance Updates</i> , 2021 , 58, 100778	23.2	9
145	Pyrithione metal (Cu, Ni, Ru) complexes as photo-catalysts for styrene oxide production. <i>Scientific Reports</i> , 2021 , 11, 23810	4.9	0
144	Structural and functional characterization of an organometallic ruthenium complex as a potential myorelaxant drug. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 127, 110161	7.5	1
143	Silver(i) complexes with different pyridine-4,5-dicarboxylate ligands as efficient agents for the control of cow mastitis associated pathogens. <i>Dalton Transactions</i> , 2020 , 49, 6084-6096	4.3	9
142	Synthesis, X-ray structure and DFT calculation of magnetic properties of binuclear Ni(II) complex with tridentate hydrazone-based ligand. <i>Journal of the Serbian Chemical Society</i> , 2020 , 85, 1279-1290	0.9	2
141	Polynuclear Silver(I) Complex with Thianthrene: Structural Characterization, Antimicrobial Activity and Interaction with Biomolecules. <i>Proceedings (mdpi)</i> , 2020 , 67, 4	0.3	1
140	Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. <i>Pharmaceutics</i> , 2020 , 14,	5.2	10
139	Synthesis, Characterization, Catalytic Activity, and DFT Calculations of Zn(II) Hydrazone Complexes. <i>Molecules</i> , 2020 , 25,	4.8	21

138	Synthesis, X-ray structures and magnetic properties of Ni(II) complexes of heteroaromatic hydrazone. <i>Polyhedron</i> , 2020 , 191, 114802	2.7	2
137	Structural Isomerism and Enhanced Lipophilicity of Pyrithione Ligands of Organoruthenium(II) Complexes Increase Inhibition on AChE and BuChE. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
136	Synthesis, structural determination, in vitro and in silico biological evaluation of divalent or trivalent cobalt complexes with indomethacin. <i>Journal of Inorganic Biochemistry</i> , 2020 , 212, 111213	4.2	11
135	Binding Kinetics of Ruthenium Pyrithione Chemotherapeutic Candidates to Human Serum Proteins Studied by HPLC-ICP-MS. <i>Molecules</i> , 2020 , 25,	4.8	4
134	Cobalt(II), Zinc(II), Iron(III), and Copper(II) Complexes Bearing Positively Charged Quaternary Ammonium Functionalities: Synthesis, Characterization, Electrochemical Behavior, and SOD Activity. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3347-3358	2.3	3
133	Organoruthenated Nitroxoline Derivatives Impair Tumor Cell Invasion through Inhibition of Cathepsin B Activity. <i>Inorganic Chemistry</i> , 2019 , 58, 12334-12347	5.1	18
132	Organoruthenium(II) complexes of acetazolamide potentially inhibit human carbonic anhydrase isoforms I, II, IX and XII. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 388-393	5.6	11
131	Anti-cancer organoruthenium(ii) complexes and their interactions with cysteine and its analogues. A mass-spectrometric study. <i>Dalton Transactions</i> , 2019 , 48, 2626-2634	4.3	15
130	Highly-efficient N-arylation of imidazole catalyzed by Cu(II) complexes with quaternary ammonium-functionalized 2-acetylpyridine acylhydrazone. <i>Polyhedron</i> , 2019 , 165, 22-30	2.7	13
129	Organometallic ruthenium(II)-arene complexes with triphenylphosphine amino acid bioconjugates: Synthesis, characterization and biological properties. <i>Bioorganic Chemistry</i> , 2019 , 87, 432-446	5.1	8
128	Covalent versus Noncovalent Binding of Ruthenium η -p-Cymene Complexes to Zinc-Finger Protein NCp7. <i>Chemistry - A European Journal</i> , 2019 , 25, 12789-12794	4.8	9
127	What Is the Nature of Interactions of BF ₄ ⁻ , NO ₃ ⁻ and ClO ₄ ⁻ to Cu(II) Complexes with Girard's T Hydrazine? When Can Binuclear Complexes Be Formed?. <i>Crystal Growth and Design</i> , 2019 , 19, 4810-4821	3.5	10
126	Towards Identification of Essential Structural Elements of Organoruthenium(II)-Pyrithionato Complexes for Anticancer Activity. <i>Chemistry - A European Journal</i> , 2019 , 25, 14169-14182	4.8	16
125	Comparative antitumor studies of organoruthenium complexes with 8-hydroxyquinolines on 2D and 3D cell models of bone, lung and breast cancer. <i>Metallomics</i> , 2019 , 11, 666-675	4.5	21
124	Combined Experimental and Theoretical Investigation of the Origin of Magnetic Anisotropy in Pentagonal Bipyramidal Isothiocyanato Co(II), Ni(II), and Fe(III) Complexes with Quaternary-Ammonium-Functionalized 2,6-Diacetylpyridine Bisacylhydrazone. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 31142-31155	3.8	6
123	Crystal structures and DFT calculations of mixed chloride-azide zinc(II) and chloride-isocyanate cadmium(II) complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard's T reagent. <i>Journal of Molecular Structure</i> , 2018 , 1162, 63-70	3.4	4
122	Manganese(II) complexes of the quinolone family member flumequine: Structure, antimicrobial activity and affinity for albumins and calf-thymus DNA. <i>Polyhedron</i> , 2018 , 145, 166-175	2.7	20
121	Exploration of selected electronic characteristics of half-sandwich organoruthenium(II) Ediketonate complexes. <i>Journal of Molecular Modeling</i> , 2018 , 24, 98	2	4

120	How zinc ions shift and enhance the nucleotide's fluorescence spectra. <i>New Journal of Chemistry</i> , 2018 , 42, 8145-8150	3.6	3
119	Crystal structures, magnetic properties and DFT study of cobalt(II) azido complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard's T reagent. <i>Polyhedron</i> , 2018 , 139, 142-147	2.7	9
118	A new class of platinum(II) complexes with the phosphine ligand pta which show potent anticancer activity. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 39-53	6.8	33
117	Structural diversity of isothiocyanato Cd(II) and Zn(II) Girard's T hydrazone complexes in solution and solid state: effect of H-bonding on coordination number and supramolecular assembly of Cd(II) complex in solid state. <i>Structural Chemistry</i> , 2018 , 29, 1797-1806	1.8	6
116	Organoruthenium Prodrugs as a New Class of Cholinesterase and Glutathione-S-Transferase Inhibitors. <i>ChemMedChem</i> , 2018 , 13, 2166-2176	3.7	14
115	Concomitant polymorphism in an organometallic ruthenium(II) complex with an N,N'-donor ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 683-689	0.8	3
114	Synthesis, characterization and antimicrobial activity of isothiocyanato Fe(III) Girard's T hydrazone complex. <i>Journal of the Serbian Chemical Society</i> , 2018 , 83, 1327-1337	0.9	1
113	Molecular Structures and Spin-States of Pseudohalide Metal Complexes with Hydrazones of Girard's T Reagent. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 838-846	2.3	5
112	Extending the family of quinolone antibacterials to new copper derivatives: self-assembly, structural and topological features, catalytic and biological activity. <i>New Journal of Chemistry</i> , 2018 , 42, 19644-19658	3.6	6
111	Synthesis, Biological Evaluation and Docking Studies of Benzoxazoles Derived from Thymoquinone. <i>Molecules</i> , 2018 , 23,	4.8	8
110	Synthesis, structures and magnetic properties of octahedral Co(III) complexes of heteroaromatic hydrazones with tetraisothiocyanato Co(II) anions. <i>Polyhedron</i> , 2018 , 155, 425-432	2.7	6
109	Synthesis and biological characterization of organoruthenium complexes with 8-hydroxyquinolines. <i>Journal of Inorganic Biochemistry</i> , 2018 , 186, 187-196	4.2	23
108	C-H Bond Activation by a Ruthenium(II) β -Diketonate Complex: A Mechanistic Study. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 6107-6113	3.2	2
107	Synthesis, crystal structure, magnetic properties and DFT study of dinuclear Ni(II) complex with the condensation product of 2-quinolinecarboxaldehyde and Girard's T reagent. <i>Polyhedron</i> , 2017 , 128, 30-37	2.7	18
106	Synthesis, crystal structures and antimicrobial activity of azido and isocyanato Zn(II) complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard's T reagent. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 2425-2435	1.6	12
105	β -Diketones as Scaffolds for Anticancer Drug Design I From Organic Building Blocks to Natural Products and Metallodrug Components. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1655-1666	2.3	39
104	Biological Activity of Ruthenium Complexes With Quinoline Antibacterial and Antimalarial Drugs 2017 , 239-255		
103	Synthesis, characterization, DFT calculations and antimicrobial activity of Cd(II) complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard's T reagent. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 3702-3714	1.6	5

102	Synthesis, characterization and crystal structures of two pentagonal-bipyramidal Fe(III) complexes with dihydrazone of 2,6-diacetylpyridine and Girard's T reagent. Anticancer properties of various metal complexes of the same ligand. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 137-149	4.2	15
101	Synthesis and Structural Evaluation of Organo-Ruthenium Complexes with β -Diketonates. <i>Molecules</i> , 2017 , 22,	4.8	12
100	Clioquinol-ruthenium complex impairs tumour cell invasion by inhibiting cathepsin B activity. <i>Dalton Transactions</i> , 2016 , 45, 16913-16921	4.3	29
99	Synthesis, structure and biological activity of copper(II) complexes with gatifloxacin. <i>Polyhedron</i> , 2016 , 119, 359-370	2.7	26
98	Synthesis, characterization, DFT calculations and antimicrobial activity of pentagonal-bipyramidal Zn(II) and Cd(II) complexes with 2,6-diacetylpyridine-bis(trimethylammoniumacetohydrazone). <i>Journal of Coordination Chemistry</i> , 2016 , 69, 2754-2765	1.6	10
97	Pyrithione-based ruthenium complexes as inhibitors of aldo-keto reductase 1C enzymes and anticancer agents. <i>Dalton Transactions</i> , 2016 , 45, 11791-800	4.3	21
96	Investigation of antitumor potential of Ni(II) complexes with tridentate PNO acylhydrazones of 2-(diphenylphosphino)benzaldehyde and monodentate pseudohalides. <i>Journal of Biological Inorganic Chemistry</i> , 2016 , 21, 145-62	3.7	10
95	Synthesis, characterization and antimicrobial activity of pentagonal-bipyramidal isothiocyanato Co(II) and Ni(II) complexes with 2,6-diacetylpyridine bis(trimethylammoniumacetohydrazone). <i>Journal of Coordination Chemistry</i> , 2016 , 69, 801-811	1.6	9
94	Structure and biological activities of metal complexes of flumequine. <i>RSC Advances</i> , 2016 , 6, 19555-19570	3.7	22
93	Cobalt(II) complexes with non-steroidal anti-inflammatory drugs and β -diimines. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 125-39	4.2	49
92	Synthesis and characterization of ML and ML ₂ metal complexes with amino acid substituted bis(2-picolyl)amine ligands. <i>Dalton Transactions</i> , 2016 , 45, 2845-58	4.3	13
91	Interactions of two cytotoxic organoruthenium(II) complexes with G-quadruplex. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 70-7	4.2	7
90	Interactions of the "piano-stool" [ruthenium(II)(η^6 -arene)(quinolone)Cl](+) complexes with water; DFT computational study. <i>Journal of Computational Chemistry</i> , 2016 , 37, 1766-80	3.5	3
89	Cobalt(II) complexes of sparfloxacin: Characterization, structure, antimicrobial activity and interaction with DNA and albumins. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 18-27	4.2	32
88	Synthesis, crystal structures, and antimicrobial activity of square-planar chloride and isocyanate Ni(II) complexes with the condensation product of 2-(diphenylphosphino)benzaldehyde and Girard's T reagent. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 2858-2870	1.6	9
87	Cobalt(II) complexes with the quinolone antimicrobial drug oxolinic acid: structure and biological perspectives. <i>RSC Advances</i> , 2015 , 5, 36353-36367	3.7	45
86	Structure-Related Mode-of-Action Differences of Anticancer Organoruthenium Complexes with β -Diketonates. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3984-96	8.3	61
85	Ruthenium complexes as inhibitors of 15-lipoxygenase-1. <i>Polyhedron</i> , 2015 , 101, 306-313	2.7	14

84	Structure, antimicrobial activity, albumin- and DNA-binding of manganese(II)–parfloxacinato complexes. <i>RSC Advances</i> , 2015 , 5, 11861-11872	3.7	44
83	Ruthenium complexes as inhibitors of the aldo-keto reductases AKR1C1-1C3. <i>Chemico-Biological Interactions</i> , 2015 , 234, 349-59	5	14
82	Experimental and theoretical investigation of octahedral and square-planar isothiocyanato complexes of Ni(II) with acylhydrazones of 2-(diphenylphosphino)benzaldehyde. <i>Polyhedron</i> , 2015 , 89, 271-279	2.7	10
81	New synthetic routes for the preparation of ruthenium-1,10-phenanthroline complexes. Tests of cytotoxic and antibacterial activity of selected ruthenium complexes. <i>Acta Chimica Slovenica</i> , 2015 , 62, 337-45	1.9	7
80	Antioxidant activity and interaction with DNA and albumins of zinc-tolfenamato complexes. Crystal structure of [Zn(tolfenamato)(2,2'-dipyridylketoneoxime)] <i>European Journal of Medicinal Chemistry</i> , 2014 , 74, 187-98	6.8	80
79	Manganese(II) complexes with the non-steroidal anti-inflammatory drug tolfenamic acid: structure and biological perspectives. <i>Inorganic Chemistry</i> , 2014 , 53, 2040-52	5.1	67
78	Analysis of the structures of the Cu(I) and Cu(II) complexes with 3-acetylpyridine and thiocyanate. <i>Polyhedron</i> , 2014 , 69, 77-83	2.7	8
77	Synthesis, characterization, DFT calculation and biological activity of square-planar Ni(II) complexes with tridentate PNO ligands and monodentate pseudohalides. Part II. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 284-97	6.8	17
76	Structural characterization and biological evaluation of a clioquinol-ruthenium complex with copper-independent antileukaemic activity. <i>Dalton Transactions</i> , 2014 , 43, 9045-51	4.3	75
75	New method for the speciation of ruthenium-based chemotherapeutics in human serum by conjoint liquid chromatography on affinity and anion-exchange monolithic disks. <i>Journal of Chromatography A</i> , 2014 , 1371, 168-76	4.5	17
74	Synthesis and Biological Evaluation of Organoruthenium Complexes with Azole Antifungal Agents. First Crystal Structure of a Tioconazole Metal Complex. <i>Organometallics</i> , 2014 , 33, 1594-1601	3.8	44
73	Cobalt(II) complexes with the antimicrobial drug enrofloxacin: structure, antimicrobial activity, DNA- and albumin-binding. <i>European Journal of Medicinal Chemistry</i> , 2014 , 86, 189-201	6.8	56
72	Modulation of activity of known cytotoxic ruthenium(III) compound (KP418) with hampered transmembrane transport in electrochemotherapy in vitro and in vivo. <i>Journal of Membrane Biology</i> , 2014 , 247, 1239-51	2.3	9
71	New water-soluble ruthenium(II) terpyridine complexes for anticancer activity: synthesis, characterization, activation kinetics, and interaction with guanine derivatives. <i>Inorganic Chemistry</i> , 2014 , 53, 6113-26	5.1	63
70	Antioxidant capacity and DNA-interaction studies of zinc complexes with a non-steroidal anti-inflammatory drug, mefenamic acid. <i>Journal of Inorganic Biochemistry</i> , 2013 , 128, 85-96	4.2	81
69	New uses for old drugs: attempts to convert quinolone antibacterials into potential anticancer agents containing ruthenium. <i>Inorganic Chemistry</i> , 2013 , 52, 9039-52	5.1	94
68	Structure, DNA- and albumin-binding of the manganese(II) complex with the non-steroidal antiinflammatory drug niflumic acid. <i>Polyhedron</i> , 2013 , 53, 215-222	2.7	36
67	Novel Organoruthenium(II) Diketonates as Catalysts for Ortho Arylation via C-H Activation. <i>Organometallics</i> , 2013 , 32, 609-616	3.8	14

66	First- and second-generation quinolone antibacterial drugs interacting with zinc(II): structure and biological perspectives. <i>Journal of Inorganic Biochemistry</i> , 2013 , 121, 53-65	4.2	80
65	Zinc(II) complexes with the quinolone antibacterial drug flumequine: structure, DNA- and albumin-binding. <i>New Journal of Chemistry</i> , 2013 , 37, 342-355	3.6	59
64	Synthesis, characterization, DFT calculations and biological activity of derivatives of 3-acetylpyridine and the zinc(II) complex with the condensation product of 3-acetylpyridine and semicarbazide. <i>Inorganica Chimica Acta</i> , 2013 , 404, 5-12	2.7	12
63	Cobalt(II) complexes with non-steroidal anti-inflammatory drug tolfenamic acid: Structure and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012 , 48, 132-42	6.8	97
62	Copper(II) complexes with antimicrobial drug flumequine: structure and biological evaluation. <i>Journal of Inorganic Biochemistry</i> , 2012 , 113, 55-65	4.2	82
61	Different types of copper complexes with the quinolone antimicrobial drugs ofloxacin and norfloxacin: structure, DNA- and albumin-binding. <i>Journal of Inorganic Biochemistry</i> , 2012 , 117, 35-47	4.2	75
60	Synthesis and Biological Evaluation of the Thionated Antibacterial Agent Nalidixic Acid and Its Organoruthenium(II) Complex. <i>Organometallics</i> , 2012 , 31, 5867-5874	3.8	53
59	Factors that influence the antiproliferative activity of half sandwich Ru(II)-[9]aneS3 coordination compounds: activation kinetics and interaction with guanine derivatives. <i>Dalton Transactions</i> , 2012 , 41, 11608-18	4.3	21
58	Physicochemical Studies and Anticancer Potency of Ruthenium η^5 -Cymene Complexes Containing Antibacterial Quinolones. <i>Organometallics</i> , 2011 , 30, 2506-2512	3.8	101
57	Interaction of Zn(II) with quinolone drugs: structure and biological evaluation. <i>Dalton Transactions</i> , 2011 , 40, 9461-73	4.3	126
56	1-(2-Picolyl)-substituted 1,2,3-triazole as novel chelating ligand for the preparation of ruthenium complexes with potential anticancer activity. <i>Dalton Transactions</i> , 2011 , 40, 5188-99	4.3	71
55	Non-steroidal anti-inflammatory drug diflunisal interacting with Cu(II). Structure and biological features. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1645-55	4.2	65
54	Interaction of copper(II) with the non-steroidal anti-inflammatory drugs naproxen and diclofenac: synthesis, structure, DNA- and albumin-binding. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 476-89	4.2	217
53	Synthesis, characterization, cytotoxic activity and DNA binding properties of the novel dinuclear cobalt(III) complex with the condensation product of 2-acetylpyridine and malonic acid dihydrazide. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1196-203	4.2	89
52	Nickel-quinolones interaction. Part 5-Biological evaluation of nickel(II) complexes with first-, second- and third-generation quinolones. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1273-85	4.2	77
51	Interactions of metal ions with DNA, its constituents and derivatives, which may be relevant for anticancer research. <i>Current Topics in Medicinal Chemistry</i> , 2011 , 11, 2661-87	3	62
50	Di- κ -chlorido-bis-{chlorido[(R)/(S)-1,5-di-phenyl-3-(2-pyridyl- κ)-2-pyrazoline- κ]zinc(II)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m899-900		2
49	Strong correlations in highly electron-doped Zn(II)-DNA complexes. <i>Physical Review Letters</i> , 2010 , 104, 156804	7.4	18

48	Synthesis and Characterization of Novel Ruthenium(III) Complexes with Histamine. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 183097	4.2	2
47	First ruthenium organometallic complex of antibacterial agent ofloxacin. Crystal structure and interactions with DNA. <i>Inorganic Chemistry</i> , 2010 , 49, 10750-2	5.1	95
46	Click-triazole N2 coordination to transition-metal ions is assisted by a pendant pyridine substituent. <i>Inorganic Chemistry</i> , 2010 , 49, 4820-9	5.1	115
45	Pyridyl Conjugated 1,2,3-Triazole is a Versatile Coordination Ability Ligand Enabling Supramolecular Associations. <i>Crystal Growth and Design</i> , 2010 , 10, 4920-4927	3.5	52
44	Nickel-quinolones interaction. Part 2--interaction of nickel(II) with the antibacterial drug oxolinic acid. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 161-70	4.2	59
43	Nickel-quinolones interaction: part 3--Nickel(II) complexes of the antibacterial drug flumequine. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 740-9	4.2	47
42	Intermolecular C-H...pi interactions in 1,5-diphenyl-3-(2-pyridyl)-2-pyrazoline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, o313-6		7
41	The influence of electroporation on cytotoxicity of anticancer ruthenium(III) complex KP1339 in vitro and in vivo. <i>Anticancer Research</i> , 2010 , 30, 2055-63	2.3	13
40	Compounds of Antibacterial Agent Ciprofloxacin and Magnesium [Crystal Structures and Molecular Modeling Calculations. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3718-3727	2.3	31
39	Spectral properties of Eu(III) compound with antibacterial agent ciprofloxacin (cfqH). Crystal structure of [Eu(cfqH)(cfq)(H ₂ O) ₄]Cl ₂ ·4.55H ₂ O. <i>Polyhedron</i> , 2008 , 27, 1489-1496	2.7	27
38	Combined therapy of the antimetastatic compound NAMI-A and electroporation on B16F1 tumour cells in vitro. <i>Bioelectrochemistry</i> , 2007 , 71, 113-7	5.6	13
37	Optical spectra of wet and dry M-DNA. <i>Physical Review B</i> , 2007 , 75,	3.3	23
36	Experimental electron density study of a complex between copper(II) and the antibacterial quinolone family member ciprofloxacin. <i>Dalton Transactions</i> , 2007 , 2171-8	4.3	26
35	catena-Poly[[[tetrakis(mu-acetato-kappa2O:O')dirhodium(II)]-mu-[1,3-bis(dimethylamino)propan-2-ol-kappa2N:N']] tetrahydrofuran hemisolvate]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m545-7		0
34	Synthesis, characterization and DNA binding of magnesium-ciprofloxacin (cfH) complex [Mg(cf) ₂] * 2.5H ₂ O. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1705-13	4.2	41
33	X-Ray crystallographic, NMR and antimicrobial activity studies of magnesium complexes of fluoroquinolones - racemic ofloxacin and its S-form, levofloxacin. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1755-63	4.2	88
32	Ruthenium complexes with purine derivatives: Syntheses, structural characterization and preliminary studies with plasmidic DNA. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 800-804	3.1	30
31	Mixed-valence Cu(II)/Cu(I) complex of quinolone ciprofloxacin isolated by a hydrothermal reaction in the presence of L-histidine: comparison of biological activities of various copper-ciprofloxacin compounds. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 432-42	4.2	89

30	Solution, solid state and biological characterization of ruthenium(III)-DMSO complexes with purine base derivatives. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 393-401	4.2	45
29	Crystal structure of ciprofloxacin hydrochloride 1.34-hydrate. <i>Analytical Sciences</i> , 2003 , 19, 329-30	1.7	35
28	Characterization of ciprofloxacin binding to the linear single- and double-stranded DNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2003 , 1628, 111-22		33
27	Interactions of oxovanadium(IV) and the quinolone family member--ciprofloxacin. <i>Journal of Inorganic Biochemistry</i> , 2003 , 95, 199-207	4.2	90
26	Influence of copper(II) and magnesium(II) ions on the ciprofloxacin binding to DNA. <i>Journal of Inorganic Biochemistry</i> , 2003 , 96, 407-15	4.2	56
25	A novel copper(II) complex with 1,10-phenanthroline and ciprofloxacin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m376-8		16
24	Novel Ru(III)-DMSO Complexes of the Antiherpes Drug Acyclovir. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1928-1931	2.3	27
23	In vitro study of the insulin-mimetic behaviour of vanadium(IV, V) coordination compounds. <i>Journal of Biological Inorganic Chemistry</i> , 2002 , 7, 384-96	3.7	206
22	Interaction between ciprofloxacin and DNA mediated by Mg ²⁺ -ions. <i>Inorganica Chimica Acta</i> , 2002 , 339, 239-247	2.7	51
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