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|--------------------|-------------------------|---------------|-----------------|
| 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 | The interactions of metal ions with quinolone antibacterial agents. <i>Coordination Chemistry Reviews</i> , 2002 , 232, 27-47 | 23.2 | 443 |
| 154 | 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 |
| 153 | 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 |
| 152 | Interaction of Zn(II) with quinolone drugs: structure and biological evaluation. <i>Dalton Transactions</i> , 2011 , 40, 9461-73 | 4.3 | 126 |
| 151 | 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 |
| 150 | Physicochemical Studies and Anticancer Potency of Ruthenium η^5 -Cymene Complexes Containing Antibacterial Quinolones. <i>Organometallics</i> , 2011 , 30, 2506-2512 | 3.8 | 101 |
| 149 | Crystal structure of ciprofloxacin hexahydrate and its characterization. <i>International Journal of Pharmaceutics</i> , 1997 , 152, 59-65 | 6.5 | 99 |
| 148 | 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 |
| 147 | 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 |
| 146 | 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 |
| 145 | Crystal structure and characterization of the bismuth(III) compound with quinolone family member (ciprofloxacin). Antibacterial study. <i>Journal of Inorganic Biochemistry</i> , 1997 , 66, 241-5 | 4.2 | 91 |
| 144 | Interactions of oxovanadium(IV) and the quinolone family member--ciprofloxacin. <i>Journal of Inorganic Biochemistry</i> , 2003 , 95, 199-207 | 4.2 | 90 |
| 143 | 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 |
| 142 | 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 |
| 141 | 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 |
| 140 | Synthesis, characterization, and crystal structure of a copper(II) complex with quinolone family member (ciprofloxacin): bis(1)-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-piperazin-1ylquinoline-3-carboxylate) copper(II) chloride hexahydrate. <i>Journal of Inorganic Biochemistry</i> , 1994 , 56, 273-282 | 4.2 | 87 |
| 139 | Complexes of copper (II) acetate with nicotinamide: preparation, characterization and fungicidal activity; crystal structures of [Cu ₂ (O ₂ CCH ₃) ₄ (nia)] and [Cu ₂ (O ₂ CCH ₃) ₄ (nia) ₂]. <i>Polyhedron</i> , 1999 , 18, 755-762 | 2.7 | 83 |

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| 138 | Copper(II) complexes with antimicrobial drug flumequine: structure and biological evaluation. <i>Journal of Inorganic Biochemistry</i> , 2012 , 113, 55-65 | 4.2 | 82 |
| 137 | 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 |
| 136 | Antioxidant activity and interaction with DNA and albumins of zinc-tolfenamate complexes. Crystal structure of [Zn(tolfenamate)(2,2'-dipyridylketoneoxime)] <i>European Journal of Medicinal Chemistry</i> , 2014 , 74, 187-98 | 6.8 | 80 |
| 135 | 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 |
| 134 | Synthesis, crystal structure, and characterization of three novel compounds of the quinolone family member (norfloxacin). <i>Journal of Inorganic Biochemistry</i> , 1996 , 61, 197-212 | 4.2 | 80 |
| 133 | Antibacterial tests of bismuth(III)-quinolone (ciprofloxacin, cf) compounds against <i>Helicobacter pylori</i> and some other bacteria. Crystal structure of (cfH ₂) ₂ [Bi ₂ Cl ₁₀].4H ₂ O. <i>Journal of Inorganic Biochemistry</i> , 1998 , 71, 53-60 | 4.2 | 79 |
| 132 | Complex formation between some metals and a quinolone family member (ciprofloxacin). <i>Polyhedron</i> , 1996 , 15, 269-275 | 2.7 | 79 |
| 131 | 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 |
| 130 | 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 |
| 129 | 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 |
| 128 | 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 |
| 127 | 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 |
| 126 | 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 |
| 125 | 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 |
| 124 | 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 |
| 123 | Structure-Related Mode-of-Action Differences of Anticancer Organoruthenium Complexes with β -Diketones. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3984-96 | 8.3 | 61 |
| 122 | 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 |
| 121 | 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 |

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| 120 | 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 |
| 119 | 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 |
| 118 | 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 |
| 117 | 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 |
| 116 | Synthesis, crystal structure, and characterization of two metal-quinolone compounds. <i>Journal of Inorganic Biochemistry</i> , 1997 , 66, 77-82 | 4.2 | 52 |
| 115 | Interaction between ciprofloxacin and DNA mediated by Mg ²⁺ -ions. <i>Inorganica Chimica Acta</i> , 2002 , 339, 239-247 | 2.7 | 51 |
| 114 | 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 |
| 113 | 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 |
| 112 | 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 |
| 111 | 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 |
| 110 | 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 |
| 109 | Structure, antimicrobial activity, albumin- and DNA-binding of manganese(II)-parfloxacinato complexes. <i>RSC Advances</i> , 2015 , 5, 11861-11872 | 3.7 | 44 |
| 108 | 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 |
| 107 | β -Diketones as Scaffolds for Anticancer Drug Design [From Organic Building Blocks to Natural Products and Metallodrug Components. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1655-1666 ²⁻³ | 2.3 | 39 |
| 106 | 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 |
| 105 | Crystal structure of ciprofloxacin hydrochloride 1.34-hydrate. <i>Analytical Sciences</i> , 2003 , 19, 329-30 | 1.7 | 35 |
| 104 | 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 |
| 103 | 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 |

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| 102 | 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 |
| 101 | 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 |
| 100 | Comparison of the thermal stability of ciprofloxacin and its compounds. <i>Thermochimica Acta</i> , 1996 , 287, 311-318 | 2.9 | 31 |
| 99 | 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 |
| 98 | Clioquinol-ruthenium complex impairs tumour cell invasion by inhibiting cathepsin B activity. <i>Dalton Transactions</i> , 2016 , 45, 16913-16921 | 4.3 | 29 |
| 97 | New studies in the copper(II) acyclovir (acv) system. NMR relaxation studies and the X-ray crystal structure of [Cu(acv) ₂ (H ₂ O) ₂](NO ₃) ₂ . <i>Polyhedron</i> , 1998 , 17, 4195-4201 | 2.7 | 29 |
| 96 | An Adduct of Magnesium Sulfate with a Member of the Quinolone Family (Ciprofloxacin). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996 , 52, 2443-2445 | | 29 |
| 95 | Synthesis and characterization of copper(II) coordination compounds with acyclovir: crystal structure of triaquabis [9-[(2-hydroxyethoxy)methyl]guanine] copper(II) nitrate (V) hydrate. <i>Polyhedron</i> , 1997 , 16, 1701-1706 | 2.7 | 28 |
| 94 | Synthesis and structure of diaquadichlorobis {9-[(2-hydroxyethoxy)methyl]guanine} copper(II). <i>Journal of Inorganic Biochemistry</i> , 1993 , 51, 737-744 | 4.2 | 28 |
| 93 | 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 |
| 92 | Novel Ru(III)-DMSO Complexes of the Antiherpes Drug Acyclovir. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1928-1931 | 2.3 | 27 |
| 91 | Synthesis, structure and biological activity of copper(II) complexes with gatifloxacin. <i>Polyhedron</i> , 2016 , 119, 359-370 | 2.7 | 26 |
| 90 | 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 |
| 89 | Optical spectra of wet and dry M-DNA. <i>Physical Review B</i> , 2007 , 75, | 3.3 | 23 |
| 88 | Synthesis and biological characterization of organoruthenium complexes with 8-hydroxyquinolines. <i>Journal of Inorganic Biochemistry</i> , 2018 , 186, 187-196 | 4.2 | 23 |
| 87 | Structure and biological activities of metal complexes of flumequine. <i>RSC Advances</i> , 2016 , 6, 19555-19570 | 3.7 | 22 |
| 86 | Pyridine-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 |
| 85 | Factors that influence the antiproliferative activity of half sandwich Ru(II)-[9]aneS ₃ coordination compounds: activation kinetics and interaction with guanine derivatives. <i>Dalton Transactions</i> , 2012 , 41, 11608-18 | 4.3 | 21 |

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|----|---|-----|----|
| 84 | Synthesis, Characterization, Catalytic Activity, and DFT Calculations of Zn(II) Hydrazone Complexes. <i>Molecules</i> , 2020 , 25, | 4.8 | 21 |
| 83 | 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 |
| 82 | 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 |
| 81 | Complexes of copper(II) carboxylates with 2-aminoethanol - syntheses, characterization and fungicidal activity; crystal structure of Cu(O ₂ CC ₈ H ₁₇) ₂ (NH ₂ C ₂ H ₄ OH) ₂ . <i>Polyhedron</i> , 1998 , 17, 255-260 | 2.7 | 19 |
| 80 | 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 |
| 79 | Organoruthenated Nitroxoline Derivatives Impair Tumor Cell Invasion through Inhibition of Cathepsin B Activity. <i>Inorganic Chemistry</i> , 2019 , 58, 12334-12347 | 5.1 | 18 |
| 78 | Strong correlations in highly electron-doped Zn(II)-DNA complexes. <i>Physical Review Letters</i> , 2010 , 104, 156804 | 7.4 | 18 |
| 77 | Biological Activity of Some Magnesium(II) Complexes of Quinolones. <i>Metal-Based Drugs</i> , 2000 , 7, 101-4 | | 18 |
| 76 | 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 |
| 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 | The Interactions of Titanocene Dihalides with β - and γ -cyclodextrin Host Molecules. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 595-604 | | 17 |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |
| 69 | Organoruthenium Prodrugs as a New Class of Cholinesterase and Glutathione-S-Transferase Inhibitors. <i>ChemMedChem</i> , 2018 , 13, 2166-2176 | 3.7 | 14 |
| 68 | Novel Organoruthenium(II) β -diketonates as Catalysts for Ortho Arylation via C-H Activation. <i>Organometallics</i> , 2013 , 32, 609-616 | 3.8 | 14 |
| 67 | Ruthenium complexes as inhibitors of 15-lipoxygenase-1. <i>Polyhedron</i> , 2015 , 101, 306-313 | 2.7 | 14 |

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| 66 | Ruthenium complexes as inhibitors of the aldo-keto reductases AKR1C1-1C3. <i>Chemico-Biological Interactions</i> , 2015 , 234, 349-59 | 5 | 14 |
| 65 | 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 |
| 64 | Synthesis and characterization of ML and ML2 metal complexes with amino acid substituted bis(2-picolyl)amine ligands. <i>Dalton Transactions</i> , 2016 , 45, 2845-58 | 4.3 | 13 |
| 63 | 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 |
| 62 | 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 |
| 61 | Synthesis, crystal structures and antimicrobial activity of azido and isocyanato Zn(II) complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard T reagent. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 2425-2435 | 1.6 | 12 |
| 60 | Synthesis and Structural Evaluation of Organo-Ruthenium Complexes with β -Diketonates. <i>Molecules</i> , 2017 , 22, | 4.8 | 12 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | What Is the Nature of Interactions of BF_4^- , NO_3^- and ClO_4^- to Cu(II) Complexes with Girard T Hydrazine? When Can Binuclear Complexes Be Formed?. <i>Crystal Growth and Design</i> , 2019 , 19, 4810-4821 | 3.5 | 10 |
| 53 | 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 |
| 52 | Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. <i>Pharmaceuticals</i> , 2020 , 14, | 5.2 | 10 |
| 51 | 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 T reagent. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 2858-2870 | 1.6 | 9 |
| 50 | 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 |
| 49 | Crystal structures, magnetic properties and DFT study of cobalt(II) azido complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard T reagent. <i>Polyhedron</i> , 2018 , 139, 142-147 | 2.7 | 9 |

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| 48 | 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 |
| 47 | Covalent versus Noncovalent Binding of Ruthenium π -p-Cymene Complexes to Zinc-Finger Protein NCp7. <i>Chemistry - A European Journal</i> , 2019 , 25, 12789-12794 | 4.8 | 9 |
| 46 | 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 |
| 45 | Organoruthenium Complexes with Benzo-Fused Pyrithiones Overcome Platinum Resistance in Ovarian Cancer Cells. <i>Cancers</i> , 2021 , 13, | 6.6 | 9 |
| 44 | Metal- and metalloid-based compounds to target and reverse cancer multidrug resistance. <i>Drug Resistance Updates</i> , 2021 , 58, 100778 | 23.2 | 9 |
| 43 | 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 |
| 42 | 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 |
| 41 | Synthesis, Biological Evaluation and Docking Studies of Benzoxazoles Derived from Thymoquinone. <i>Molecules</i> , 2018 , 23, | 4.8 | 8 |
| 40 | Interactions of two cytotoxic organoruthenium(II) complexes with G-quadruplex. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 70-7 | 4.2 | 7 |
| 39 | Intermolecular C-H... π i interactions in 1,5-diphenyl-3-(2-pyridyl)-2-pyrazoline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, o313-6 | | 7 |
| 38 | 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 |
| 37 | Structural diversity of isothiocyanato Cd(II) and Zn(II) Girard 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 |
| 36 | Effect of Copper Acyclovir Complexes on Herpes Simplex Virus Type 1 and Type 2 (HSV-1, HSV-2) Infection in Cultured Cells. <i>Metal-Based Drugs</i> , 1998 , 5, 19-23 | | 6 |
| 35 | 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> , 2018 , 122, 8144-8155 | 3.8 | 6 |
| 34 | 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 |
| 33 | Synthesis, structures and magnetic properties of octahedral Co(III) complexes of heteroaromatic hydrazones with tetraisoithiocyanato Co(II) anions. <i>Polyhedron</i> , 2018 , 155, 425-432 | 2.7 | 6 |
| 32 | Synthesis, characterization, DFT calculations and antimicrobial activity of Cd(II) complexes with the condensation product of 2-quinolinecarboxaldehyde and Girard T reagent. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 3702-3714 | 1.6 | 5 |
| 31 | 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 |

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| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | Exploration of selected electronic characteristics of half-sandwich organoruthenium(II) Ediketonate complexes. <i>Journal of Molecular Modeling</i> , 2018 , 24, 98 | 2 | 4 |
| 25 | The crystal structure and characterization of a copper(II) complex with a guanosine-5'-monophosphate analog (acyclovir monophosphate). <i>Journal of Inorganic Biochemistry</i> , 1996 , 63, 41-48 | 4.2 | 4 |
| 24 | Binding Kinetics of Ruthenium Pyrithione Chemotherapeutic Candidates to Human Serum Proteins Studied by HPLC-ICP-MS. <i>Molecules</i> , 2020 , 25, | 4.8 | 4 |
| 23 | How zinc ions shift and enhance the nucleotide's fluorescence spectra. <i>New Journal of Chemistry</i> , 2018 , 42, 8145-8150 | 3.6 | 3 |
| 22 | 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 |
| 21 | NMR Investigation of the Copper(II)-Ciprofloxacin System. <i>Metal-Based Drugs</i> , 1999 , 6, 1-4 | | 3 |
| 20 | 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 |
| 19 | Comparison of Solution Chemical Properties and Biological Activity of Ruthenium Complexes of Selected -Diketone, 8-Hydroxyquinoline and Pyrithione Ligands. <i>Pharmaceuticals</i> , 2021 , 14, | 5.2 | 3 |
| 18 | Interactions of the "piano-stool" [ruthenium(II)([6] -arene)(quinolone)Cl](+) complexes with water; DFT computational study. <i>Journal of Computational Chemistry</i> , 2016 , 37, 1766-80 | 3.5 | 3 |
| 17 | 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 |
| 16 | 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 |
| 15 | Di-Ethlorido-bis-{chlorido[(R)/(S)-1,5-di-phenyl-3-(2-pyridyl- η)-2-pyrazoline- η]zinc(II)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m899-900 | | 2 |
| 14 | Synthesis and Characterization of Novel Ruthenium(III) Complexes with Histamine. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 183097 | 4.2 | 2 |
| 13 | Boron Complex of a Member of the Quinolone Family. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997 , 53, 942-943 | | 2 |

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| 12 | 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 |
| 11 | Synthesis, X-ray structures and magnetic properties of Ni(II) complexes of heteroaromatic hydrazone. <i>Polyhedron</i> , 2020 , 191, 114802 | 2.7 | 2 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Polynuclear Silver(I) Complex with Thianthrene: Structural Characterization, Antimicrobial Activity and Interaction with Biomolecules. <i>Proceedings (mdpi)</i> , 2020 , 67, 4 | 0.3 | 1 |
| 5 | 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 |
| 4 | 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 |
| 3 | Pyrrhione metal (Cu, Ni, Ru) complexes as photo-catalysts for styrene oxide production. <i>Scientific Reports</i> , 2021 , 11, 23810 | 4.9 | 0 |
| 2 | Metal(II) Complexes of the Fluoroquinolone Fleroxacin: Synthesis, Characterization and Biological Profile. <i>Pharmaceutics</i> , 2022 , 14, 898 | 6.4 | 0 |
| 1 | Biological Activity of Ruthenium Complexes With Quinoline Antibacterial and Antimalarial Drugs 2017 , 239-255 | | |