

Ismail Warad

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1846631/ismail-warad-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

282
papers

3,030
citations

30
h-index

39
g-index

294
ext. papers

3,934
ext. citations

3.1
avg, IF

5.86
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 282 | Two new 8-hydroxyquinoline derivatives as an efficient corrosion inhibitors for mild steel in hydrochloric acid: Synthesis, electrochemical, surface morphological, UV-visible and theoretical studies. <i>Journal of Molecular Liquids</i> , 2019 , 276, 120-133 | 6 | 81 |
| 281 | New Epoxy sugar based glucose derivatives as eco friendly corrosion inhibitors for the carbon steel in 1.0 M HCl: Experimental and theoretical investigations. <i>Journal of Alloys and Compounds</i> , 2020 , 833, 154949 | 5.7 | 71 |
| 280 | 8-Hydroxyquinoline based chitosan derived carbohydrate polymer as biodegradable and sustainable acid corrosion inhibitor for mild steel: Experimental and computational analyses. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 645-655 | 7.9 | 67 |
| 279 | Computational, MD simulation, SEM/EDX and experimental studies for understanding adsorption of benzimidazole derivatives as corrosion inhibitors in 1.0 M HCl solution. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 155842 | 5.7 | 62 |
| 278 | Performance and computational studies of two soluble pyran derivatives as corrosion inhibitors for mild steel in HCl. <i>Journal of Molecular Structure</i> , 2019 , 1196, 231-244 | 3.4 | 57 |
| 277 | One step synthesis of NiO nanoparticles via solid-state thermal decomposition at low-temperature of novel aqua(2,9-dimethyl-1,10-phenanthroline)NiCl ₂ complex. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 23941-54 | 6.3 | 56 |
| 276 | Tetrahydropyrimido-Triazepine derivatives as anti-corrosion additives for acid corrosion: Chemical, electrochemical, surface and theoretical studies. <i>Chemical Physics Letters</i> , 2020 , 743, 137181 | 2.5 | 53 |
| 275 | Supported organometallic complexes: Part XXXV. Synthesis, characterization, and catalytic application of a new family of diamine(diphosphine)ruthenium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2003 , 665, 176-185 | 2.3 | 52 |
| 274 | Corrosion protection of carbon steel by two newly synthesized benzimidazol-2-ones substituted 8-hydroxyquinoline derivatives in 1 M HCl: Experimental and theoretical study. <i>Surfaces and Interfaces</i> , 2019 , 14, 222-237 | 4.1 | 51 |
| 273 | The inhibitive impact of both kinds of 5-isothiocyanatomethyl-8-hydroxyquinoline derivatives on the corrosion of carbon steel in acidic electrolyte. <i>Journal of Molecular Liquids</i> , 2019 , 295, 111629 | 6 | 43 |
| 272 | Simple preparation and characterization of novel 8-Hydroxyquinoline derivatives as effective acid corrosion inhibitor for mild steel: Experimental and theoretical studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 602, 125094 | 5.1 | 43 |
| 271 | Nitro substituent effect on the electronic behavior and inhibitory performance of two quinoxaline derivatives in relation to the corrosion of mild steel in 1M HCl. <i>Journal of Molecular Liquids</i> , 2020 , 312, 113367 | 6 | 41 |
| 270 | Novel Pd(II)-salen complexes showing high in vitro anti-proliferative effects against human hepatoma cancer by modulating specific regulatory genes. <i>Dalton Transactions</i> , 2012 , 41, 10854-64 | 4.3 | 41 |
| 269 | Asymmetric hydrogenation of an α,β -unsaturated ketone by diamine(ether β -phosphine)ruthenium(II) complexes and lipase-catalyzed kinetic resolution: a consecutive approach. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 1045-1053 | | 41 |
| 268 | Structural and physico-chemical evaluation of melatonin and its solution-state excited properties, with emphasis on its binding with novel coronavirus proteins. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114082 | 6 | 40 |
| 267 | Supported organometallic complexes Part 34: synthesis and structures of an array of diamine(ether β -phosphine)ruthenium(II) complexes and their application in the catalytic hydrogenation of trans-4-phenyl-3-butene-2-one. <i>Inorganica Chimica Acta</i> , 2003 , 350, 49-56 | 2.7 | 39 |
| 266 | Adsorption of diclofenac from aqueous solution using Cyclamen persicum tubers based activated carbon (CTAC) Peer review under responsibility of University of Bahrain. View all notes. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016 , 20, 32-38 | | 38 |

| | | | |
|-----|---|-----|----|
| 265 | Performance and computational studies of new soluble triazole as corrosion inhibitor for carbon steel in HCl. <i>Chemical Data Collections</i> , 2019 , 22, 100242 | 2.1 | 37 |
| 264 | Diethylenetriamine/diamines/copper (II) complexes [Cu(dien)(NN)]Br ₂ : Synthesis, solvatochromism, thermal, electrochemistry, single crystal, Hirshfeld surface analysis and antibacterial activity. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 845-854 | 5.9 | 35 |
| 263 | UHPLC/MS-based approach for the comprehensive metabolite profiling of bean (<i>Vicia faba</i> L.) by-products: A promising source of bioactive constituents. <i>Food Research International</i> , 2017 , 93, 87-96 | 7 | 34 |
| 262 | Novel Cu (II) and Zn (II) complexes of 8-hydroxyquinoline derivatives as effective corrosion inhibitors for mild steel in 1.0 M HCl solution: Computer modeling supported experimental studies. <i>Journal of Molecular Liquids</i> , 2019 , 290, 111243 | 6 | 34 |
| 261 | In situ synthesis, electrochemical, surface morphological, UV-visible, DFT and Monte Carlo simulations of novel 5-substituted-8-hydroxyquinoline for corrosion protection of carbon steel in a hydrochloric acid solution. <i>Journal of Molecular Liquids</i> , 2019 , 280, 341-359 | 6 | 34 |
| 260 | Green synthesis of novel carbohydrate polymer chitosan oligosaccharide grafted on d-glucose derivative as bio-based corrosion inhibitor. <i>Journal of Molecular Liquids</i> , 2021 , 322, 114549 | 6 | 34 |
| 259 | Combined electronic/atomic level computational, surface (SEM/EDS), chemical and electrochemical studies of the mild steel surface by quinoxalines derivatives anti-corrosion properties in 1 mol/L-1 HCl solution. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 1436-1458 | 3.2 | 33 |
| 258 | Coupling of chemical, electrochemical and theoretical approach to study the corrosion inhibition of mild steel by new quinoxaline compounds in 1 M HCl. <i>Heliyon</i> , 2020 , 6, e03939 | 3.6 | 32 |
| 257 | Sample synthesis, characterization, experimental and theoretical study of the inhibitory power of new 8-hydroxyquinoline derivatives for mild steel in 1.0 M HCl. <i>Journal of Molecular Structure</i> , 2020 , 1213, 128155 | 3.4 | 32 |
| 256 | New pyrazole derivatives as effective corrosion inhibitors on steel-electrolyte interface in 1 M HCl: Electrochemical, surface morphological (SEM) and computational analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 604, 125325 | 5.1 | 32 |
| 255 | Single proton intramigration in novel 4-phenyl-3-((4-phenyl-1H-1,2,3-triazol-1-yl)methyl)-1H-1,2,4-triazole-5(4H)-thione: XRD-crystal interactions, physicochemical, thermal, Hirshfeld surface, DFT realization of thiol/thione tautomerism. <i>Journal of Molecular Liquids</i> , 2019 , 251, 621-630 | 6 | 32 |
| 254 | Tautomeric origin of dual effects of N1-nicotinoyl-3-(4-hydroxy-3-methylphenyl)-5-[(sub)phenyl]-2-pyrazolines on bacterial and viral strains: POM analyses as new efficient bioinformatics platform to predict and optimize bioactivity of drugs. <i>Medicinal Chemistry Research</i> , 2020 , 08, 1133-1140 | 2.2 | 31 |
| 253 | Preparation and anti-corrosion activity of novel 8-hydroxyquinoline derivative for carbon steel corrosion in HCl molar: Computational and experimental analyses. <i>Journal of Molecular Liquids</i> , 2020 , 307, 112923 | 6 | 30 |
| 252 | Design and structural studies of diimine/CdX ₂ (X=Cl, I) complexes based on 2,2-dimethyl-1,3-diaminopropane ligand. <i>Journal of Molecular Structure</i> , 2014 , 1062, 167-173 | 3.4 | 29 |
| 251 | Supported Organometallic Complexes. XXXVIII [1] Bis(methoxyethyl dimethylphosphine)ruthenium(II) Complexes as Transfer Hydrogenation Catalysts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 1308-1315 | 1.3 | 29 |
| 250 | Anticancer Activity, Antioxidant Activity, and Phenolic and Flavonoids Content of Wild Plant Extracts. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 9612490 | 2.3 | 28 |
| 249 | Supported organometallic complexes part 39: cationic diamine(ether phosphine)ruthenium(II) complexes as precursors for the hydrogenation of trans-4-phenyl-3-butene-2-one. <i>Inorganica Chimica Acta</i> , 2004 , 357, 1847-1853 | 2.7 | 27 |
| 248 | Experimental and computational investigations on the anti-corrosive and adsorption behavior of 7-N,N'-dialkylaminomethyl-8-Hydroxyquinolines on C40E steel surface in acidic medium. <i>Journal of Colloid and Interface Science</i> , 2020 , 576, 330-344 | 9.3 | 27 |

| | | | |
|-----|--|-----|----|
| 247 | Synthesis and characterization of novel Cu (II) and Zn (II) complexes of 5-[(2-Hydroxyethyl) sulfanyl] methyl-8-hydroxyquinoline as effective acid corrosion inhibitor by experimental and computational testings. <i>Chemical Physics Letters</i> , 2020 , 754, 137771 | 2.5 | 27 |
| 246 | Removal efficiency of Pb(II), Zn(II), Cd(II) and Cu(II) from aqueous solution and natural water by ketonolpyrazole receptor functionalized silica hybrid adsorbent. <i>Separation Science and Technology</i> , 2017 , 52, 608-621 | 2.5 | 25 |
| 245 | Synthesis, antibacterial study and corrosion inhibition potential of newly synthesis oxathiolan and triazole derivatives of 8-hydroxyquinoline: Experimental and theoretical approach. <i>Surfaces and Interfaces</i> , 2020 , 19, 100468 | 4.1 | 24 |
| 244 | Synthesis, structural exploration, spectral and combinatorial analysis of racemic-3-isobutyl-5-phenyl-5-(pyridin-4-yl)imida-zolidine-2,4-dione: Comparison between experimental and DFT calculations. <i>Journal of Molecular Structure</i> , 2018 , 1167, 215-226 | 3.4 | 24 |
| 243 | Combinatorial micro electrochemistry. Part 4: Cyclic voltammetric redox screening of homogeneous ruthenium(II) hydrogenation catalysts. <i>Electrochemistry Communications</i> , 2005 , 7, 1013-1020 | 5.1 | 24 |
| 242 | Ultrasound-assisted synthesis of two novel [CuBr(diamine)]HO]Br complexes: Solvatochromism, crystal structure, physicochemical, Hirshfeld surface thermal, DNA/binding, antitumor and antibacterial activities. <i>Ultrasonics Sonochemistry</i> , 2018 , 48, 1-10 | 8.9 | 23 |
| 241 | New isomeric Cu(NO-phen)Br]Br complexes: Crystal structure, Hirschfeld surface, physicochemical, solvatochromism, thermal, computational and DNA-binding analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 171, 9-19 | 6.7 | 22 |
| 240 | New Cu (II), Co(II) and Ni(II) complexes of chalcone derivatives: Synthesis, X-ray crystal structure, electrochemical properties and DFT computational studies. <i>Journal of Molecular Structure</i> , 2018 , 1155, 11-20 | 3.4 | 22 |
| 239 | An experimental-coupled empirical investigation on the corrosion inhibitory action of 7-alkyl-8-Hydroxyquinolines on C35E steel in HCl electrolyte. <i>Journal of Molecular Liquids</i> , 2020 , 317, 113973 | 6 | 22 |
| 238 | Evaluation of Pelargonium extract and oil as eco-friendly corrosion inhibitor for steel in acidic chloride solutions and pharmacological properties. <i>Research on Chemical Intermediates</i> , 2015 , 41, 7125-7149 | 2.8 | 21 |
| 237 | Supported Organometallic Complexes. XXXVI [1] Diaminediphosphineruthenium(II) Interphase Catalysts for the Hydrogenation of α,β -Unsaturated Ketones. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 161-171 | 1.3 | 21 |
| 236 | Hydrophobic pocket docking, double-proton prototropic tautomerism in contradiction to single-proton transfer in thione \rightleftharpoons thiol Schiff base with triazole-thione moiety: Green synthesis, XRD and DFT-analysis. <i>Journal of Molecular Structure</i> , 2019 , 1180, 455-461 | 3.4 | 21 |
| 235 | Theoretical approach to the corrosion inhibition efficiency of some quinoxaline derivatives of steel in acid media using the DFT method. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1125-1133 | 2.8 | 20 |
| 234 | Synthesis and structural characterization of Pd(II) complexes derived from perimidine ligand and their in vitro antimicrobial studies. <i>Journal of Molecular Structure</i> , 2013 , 1047, 48-54 | 3.4 | 20 |
| 233 | Untargeted metabolite profiling and phytochemical analysis of <i>Micromeria fruticosa</i> L. (Lamiaceae) leaves. <i>Food Chemistry</i> , 2019 , 279, 128-143 | 8.5 | 20 |
| 232 | Synthesis of novel Cl ₂ Co ₄ L ₆ cluster using 1-hydroxymethyl-3,5-dimethylpyrazole (LH) ligand: Crystal structure, spectral, thermal, Hirschfeld surface analysis and catalytic oxidation evaluation. <i>Journal of Molecular Structure</i> , 2020 , 1199, 126995 | 3.4 | 20 |
| 231 | Anticorrosion and adsorption performance of expired antibacterial drugs on Sabic iron corrosion in HCl solution: Chemical, electrochemical and theoretical approach. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115702 | 6 | 19 |
| 230 | Synthetic, spectroscopic characterization, empirical and theoretical investigations on the corrosion inhibition characteristics of mild steel in molar hydrochloric acid by three novel 8-hydroxyquinoline derivatives. <i>Ionics</i> , 2020 , 26, 503-522 | 2.7 | 19 |

| | | | |
|-----|---|-----|----|
| 229 | Crystal structure, Hirshfeld surface, physicochemical, thermal and DFT studies of (N 1 E, N 2 E)-N 1 ,N 2 -bis((5-bromothiophen-2-yl)methylene)ethane-1,2-diamine N 2 S 2 ligand and its [CuBr(N 2 S 2)]Br complex. <i>Journal of Molecular Structure</i> , 2017 , 1142, 217-225 | 3.4 | 18 |
| 228 | C,N-bipyrazole receptor grafted onto a porous silica surface as a novel adsorbent based polymer hybrid. <i>Talanta</i> , 2015 , 143, 1-6 | 6.2 | 17 |
| 227 | Heterotrimetallic Ru(II)/Pd(II)/Ru(II) complexes: synthesis, crystal structure, spectral characterization, DFT calculation and antimicrobial study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 122, 273-82 | 4.4 | 17 |
| 226 | Synthesis, solvatochromism and crystal structure of trans-[Cu(Et2NCH2CH2NH2)2.H2O](NO3)2 complex: Experimental with DFT combination. <i>Journal of Molecular Structure</i> , 2017 , 1148, 328-338 | 3.4 | 17 |
| 225 | Computational POM and DFT Evaluation of Experimental in-vitro Cancer Inhibition of Staurosporine-Ruthenium(II) Complexes: the Power Force of Organometallics in Drug Design. <i>Acta Chimica Slovenica</i> , 2015 , 62, 679-88 | 1.9 | 17 |
| 224 | Synthesis, physicochemical analysis of two new hemilabile ether-phosphine ligands and their first stable bis-ether-phosphine/cobalt(II) tetrahedral complexes. <i>Journal of Molecular Structure</i> , 2017 , 1134, 17-24 | 3.4 | 16 |
| 223 | Regular square planer bis-(4,4,4-trifluoro-1-(thiophen-2-yl)butane-1,3-dione)/copper(II) complex: Trans/cis-DFT isomerization, crystal structure, thermal, solvatochromism, hirshfeld surface and DNA-binding analysis. <i>Journal of Molecular Structure</i> , 2018 , 1157, 69-77 | 3.4 | 16 |
| 222 | Trans/cis isomerization of [RuCl2{H2C=C(CH2PPh2)2}(diamine)] complexes: synthesis, spectral, crystal structure and DFT calculations and catalytic activity in the hydrogenation of α,β -unsaturated ketones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 117, 250-8 | 4.4 | 16 |
| 221 | Structural studies on Cd(II) complexes incorporating di-2-pyridyl ligand and the X-ray crystal structure of the chloroform solvated DPMNPH/CdI2 complex. <i>Inorganic Chemistry Communication</i> , 2014 , 43, 155-161 | 3.1 | 16 |
| 220 | Synthesis of 1-(furan-2-yl) imine Functionalized Silica as a Chelating Sorbent and its Preliminary Use in Metal Ion Adsorption. <i>Separation Science and Technology</i> , 2015 , 50, 710-717 | 2.5 | 16 |
| 219 | Supported and non-supported ruthenium(II)/phosphine/[3-(2-aminoethyl)aminopropyl]trimethoxysilane complexes and their activities in the chemoselective hydrogenation of trans-4-phenyl-3-butene-2-al. <i>Molecules</i> , 2010 , 15, 4652-69 | 4.8 | 16 |
| 218 | Structure, conformational dynamics, quantum mechanical studies and potential biological activity analysis of multiple sclerosis medicine ozanimod. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129685 | 3.4 | 16 |
| 217 | Synergistic effect of AM-4VP-9 copolymer and iodide ion on corrosion inhibition of mild steel in 1 M H2SO4. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1753-1770 | 2.8 | 15 |
| 216 | Synthesis, characterization, crystal structure and chemical behavior of [1,1-bis(diphenylphosphinomethyl)ethene]ruthenium(II) complex toward primary alkylamine addition. <i>Transition Metal Chemistry</i> , 2009 , 34, 347-352 | 2.1 | 15 |
| 215 | Ultrasonic synthesis of Oct. trans-BrCu(N ? N) Jahn-Teller distortion complex: XRD-properties, solvatochromism, thermal, kinetic and DNA-binding evaluations. <i>Ultrasonics Sonochemistry</i> , 2019 , 52, 428-436 | 8.9 | 14 |
| 214 | Aqueous extracts of olive roots, stems, and leaves as eco-friendly corrosion inhibitor for steel in 1 MHCl medium. <i>International Journal of Industrial Chemistry</i> , 2015 , 6, 233-245 | 3.1 | 14 |
| 213 | Chemical, electrochemical and theoretical studies of 3-methyl-5,5'-diphenylimidazolidine-2,4-dione as corrosion inhibitor for mild steel in HCl solution. <i>Chemical Data Collections</i> , 2020 , 28, 100454 | 2.1 | 14 |
| 212 | Synthesis, characterization and corrosion inhibition potential of newly benzimidazole derivatives: Combining theoretical and experimental study. <i>Surfaces and Interfaces</i> , 2020 , 18, 100442 | 4.1 | 14 |

| | | | |
|-----|--|-----|----|
| 211 | A newly synthesized quinoline derivative as corrosion inhibitor for mild steel in molar acid medium: Characterization (SEM/EDS), experimental and theoretical approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 610, 125746 | 5.1 | 14 |
| 210 | DFT/electronic scale, MD simulation and evaluation of 6-methyl-2-(p-tolyl)-1,4-dihydroquinoxaline as a potential corrosion inhibition. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116539 | 6 | 14 |
| 209 | Characterization and biological activities of two copper(II) complexes with dipropylenetriamine and diamine as ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 127, 225-30 | 4.4 | 13 |
| 208 | A novel Ru(II) complex derived from hydroxydiamine as a potential antitumor agent: Synthesis and Structural Characterization. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 252-258 | 3.1 | 13 |
| 207 | Computational POM and 3D-QSAR evaluation of experimental in vitro HIV-1-Integrase inhibition of amide-containing diketoacids. <i>Medicinal Chemistry Research</i> , 2013 , 22, 1456-1464 | 2.2 | 13 |
| 206 | 4-(2-(2-(2-(2-(Pyridine-4-yl)ethylthio)ethoxy)ethylthio)ethyl)pyridine as New Corrosion Inhibitor for Mild Steel in 1.0 M HCl Solution: Experimental and Theoretical Studies. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018 , 4, 1 | 2.9 | 13 |
| 205 | Chemical, electrochemical, quantum, and surface analysis evaluation on the inhibition performance of novel imidazo[4,5-b] pyridine derivatives against mild steel corrosion. <i>Corrosion Science</i> , 2021 , 189, 109621 | 6.8 | 13 |
| 204 | Intermolecular interactions in crystal structure, Hirshfeld surface, characterization, DFT and thermal analysis of 5-((5-bromo-1 H -indol-3-yl)methylene)-1,3-dimethylpyrimidine-2,4,6(1 H ,3 H ,5 H)-trione indole. <i>Journal of Molecular Structure</i> , 2017 , 1137, 354-361 | 3.4 | 12 |
| 203 | In-vitro antibacterial and antifungal properties of the organic solvent extract of Argemone mexicana L.. <i>Journal of King Saud University - Science</i> , 2020 , 32, 2053-2058 | 3.6 | 12 |
| 202 | Synthesis, spectra and X-ray crystallography of dipyrudin-2-ylmethanone oxime and its CuX ₂ (oxime) ₂ complexes: Thermal, Hirshfeld surface and DFT analysis. <i>Journal of Molecular Structure</i> , 2018 , 1154, 619-625 | 3.4 | 12 |
| 201 | Syntheses, Physico-Chemical Studies and Antioxidant Activities of Transition Metal Complexes with a Perimidine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 881-886 | 1.3 | 12 |
| 200 | Synthesis, spectroscopic characterization and catalytic significance of Palladium(II) complexes derived from 1,1 bis(diphenylphosphinomethyl)ethane. <i>Journal of Molecular Structure</i> , 2011 , 1002, 107-112 | 3.4 | 12 |
| 199 | Synthesis and characterization of novel inorganic-organic hybrid Ru(II) complexes and their application in selective hydrogenation. <i>Molecules</i> , 2010 , 15, 1028-40 | 4.8 | 12 |
| 198 | POM Analysis of Phytotoxic Agents from Pistacia integerrima Stewart. <i>Current Bioactive Compounds</i> , 2015 , 11, 231-238 | 0.9 | 12 |
| 197 | POM analyses of Raltegravir derivatives: a new reflection enlightening the mechanism of HIV-integrase inhibition. <i>Research on Chemical Intermediates</i> , 2015 , 41, 5121-5136 | 2.8 | 11 |
| 196 | Synthesis, physicochemical, thermal, and XRD/HSA interactions of mixed [Cu(Bipy)(Dipn)](X) ₂ complexes: DNA binding and molecular docking evaluation. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 3236-3248 | 1.6 | 11 |
| 195 | Synthesis and Spectral Identification of Three Schiff Bases with a 2-(Piperazin-1-yl)--(thiophen-2-yl methylene)ethanamine Moiety Acting as Novel Pancreatic Lipase Inhibitors: Thermal, DFT, Antioxidant, Antibacterial, and Molecular Docking Investigations. <i>Molecules</i> , 2020 , 25, | 4.8 | 11 |
| 194 | XRD/DFT/HSA-interactions in Cu(II)Cl/phen/Ediketonato complex: Physicochemical, solvatochromism, thermal and DNA-binding analysis. <i>Journal of Molecular Structure</i> , 2020 , 1210, 128000 | 3.4 | 11 |

| | | | |
|-----|---|-----|----|
| 193 | Quantum chemical insight into the molecular structure of L-chemosensor 1,3-dimethyl-5-(thien-2-ylmethylene)-pyrimidine-2,4,6-(1H,3H,5H)-trione: Naked-eye colorimetric detection of copper(II) anions. <i>Journal of Theoretical and Computational Chemistry</i> , 2018 , 17, 1850005 | 1.8 | 11 |
| 192 | Benzodiazepine Derivatives as Corrosion Inhibitors of Carbon Steel in HCl Media: Electrochemical and Theoretical Studies. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2019 , 55, 986-1000 | 0.9 | 11 |
| 191 | Magnetic recyclable Fe ₂ O ₃ /Fe ₃ O ₄ /Co ₃ O ₄ /TiO ₂ nanocomposite with a dual Z-scheme charge transfer pathway for quick photo-Fenton degradation of organic pollutants. <i>Catalysis Science and Technology</i> , 2021 , 11, 3084-3097 | 5.5 | 11 |
| 190 | Corrosion inhibition performance of 4-(prop-2-ynyl)-[1,4]-benzothiazin-3-one against mild steel in 1 M HCl solution: Experimental and theoretical studies. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 25800-25818 | 6.7 | 11 |
| 189 | Synthesis, Experimental and Theoretical Investigation of Tetrazole Derivative as an Effective Corrosion Inhibitor for Mild Steel in 1 M HCl. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019 , 5, 1 | 2.9 | 10 |
| 188 | Crystal structure and spectral of new hydrazine-pyran-dione derivative: DFT enol-k-hydrazone tautomerization via zwitterionic intermediate, hirshfeld analysis and optical activity studies. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128728 | 3.4 | 10 |
| 187 | Synthesis, spectral, thermal, X-ray single crystal of new RuCl ₂ (dppb)diamine complexes and their application in hydrogenation of Cinnamic aldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 95, 374-81 | 4.4 | 10 |
| 186 | Lead preconcentration as rac-(E,E)-N,N'-bis(2-chlorobenzylidene)cyclohexane-1,2-diamine complexes from water and tobacco samples by dispersive liquid-liquid microextraction. <i>Journal of Analytical Chemistry</i> , 2015 , 70, 691-695 | 1.1 | 9 |
| 185 | Synthesis, crystal structure, spectroscopic and hirshfeld surface analysis, NCI-RDG, DFT computations and antibacterial activity of new asymmetrical azines. <i>Journal of Molecular Structure</i> , 2020 , 1217, 128376 | 3.4 | 9 |
| 184 | Synthesis of novel Cubane [Ni ₄ (O ² O)4(OCH ₃)4(OOH)4] cluster: XRD/HSA-interactions, spectral, DNA-binding, docking and subsequent thermolysis to NiO nanocrystals. <i>Journal of Molecular Liquids</i> , 2020 , 315, 113756 | 6 | 9 |
| 183 | Inhibitive effect of imidazopyridine derivative towards corrosion of C38 steel in hydrochloric acid solution. <i>Research on Chemical Intermediates</i> , 2013 , 39, 2369-2377 | 2.8 | 9 |
| 182 | Synthesis and structural characterization of asymmetric mononuclear ruthenium (II) complexes derived from 2-(1,2,3-thiadiazol-4-yl)pyridine and azoimine ligands. <i>Inorganica Chimica Acta</i> , 2013 , 400, 20-25 | 2.7 | 9 |
| 181 | New catalysts for the chemoselective reduction of α -unsaturated ketones: Synthesis, spectral, structural and DFT characterizations of mixed ruthenium(II) complexes containing 2-ethene-1,3-bis(diphenylphosphino)propane and diamine ligands. <i>Polyhedron</i> , 2013 , 63, 182-188 | 2.7 | 9 |
| 180 | New Diethyl Ammonium Salt of Thiobarbituric Acid Derivative: Synthesis, Molecular Structure Investigations and Docking Studies. <i>Molecules</i> , 2015 , 20, 20642-58 | 4.8 | 9 |
| 179 | Thermodynamic study of metal corrosion and inhibitor adsorption processes in copper/N-1-naphthylethylenediamine dihydrochloride monomethanolate/nitric acid system: part 2. <i>Research on Chemical Intermediates</i> , 2012 , 38, 1655-1668 | 2.8 | 9 |
| 178 | Synthesis, structural chemistry and antimicrobial activity of β -borneol derivative. <i>Open Chemistry</i> , 2010 , 8, 1127-1133 | 1.6 | 9 |
| 177 | Synthesis, characterization, reaction mechanism prediction and biological study of mono, bis and tetrakis pyrazole derivatives against Fusarium oxysporum f. sp. Albedinis with conceptual DFT and ligand-protein docking studies. <i>Bioorganic Chemistry</i> , 2021 , 110, 104696 | 5.1 | 9 |
| 176 | Synthesis, spectral, thermal, crystal structure, Hirschfeld analysis of [bis(triamine)Cadmium(II)][Cadmium(IV)tetra-bromide] complexes and their thermolysis to CdO nanoparticles. <i>Chemistry Central Journal</i> , 2016 , 10, 38 | | 9 |

| | | | |
|-----|--|-----|---|
| 175 | Solvent induced 4,4,4-trifluoro-1-(2-naphthyl)-1,3-butanedione Cu(II) complexes: Synthesis, structure, DFT calculation and biocidal activity. <i>Polyhedron</i> , 2019 , 168, 127-137 | 2.7 | 8 |
| 174 | Synthesis and physicochemical, DFT, thermal and DNA-binding analysis of a new pentadentate NS Schiff base ligand and its [CuNS] complexes.. <i>RSC Advances</i> , 2020 , 10, 21806-21821 | 3.7 | 8 |
| 173 | Synthesis and amide imidic prototropic tautomerization in thiophene-2-carbohydrazide: XRD, DFT/HSA-computation, DNA-docking, TG and isoconversional kinetics FWO and KAS models.. <i>RSC Advances</i> , 2020 , 10, 2037-2048 | 3.7 | 8 |
| 172 | Ruthenium(II) bipyridine complexes bearing quinoline-azoimine (NN'N?) tridentate ligands: synthesis, spectral characterization, electrochemical properties and single-crystal X-ray structure analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 125, 375-83 | 4.4 | 8 |
| 171 | Novel di- μ -chloro-bis[chloro(4,7-dimethyl-1,10-phenanthroline)cadmium(II)] dimer complex: synthesis, spectral, thermal, and crystal structure studies. <i>Research on Chemical Intermediates</i> , 2013 , 39, 2451-2461 | 2.8 | 8 |
| 170 | POM theoretical calculations and experimental verification of the antibacterial potential of 5-hydroxy-4-(substituted-amino)-2(5H)-furanones. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1963-1971 | 2.8 | 8 |
| 169 | POM as a quick bioinformatic platform to select flavonoids and their metabolites as potential and efficient HIV-1 integrase inhibitors. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1227-1244 | 2.8 | 8 |
| 168 | Reactions of some new thienothiophene derivatives. <i>Molecules</i> , 2011 , 16, 5142-8 | 4.8 | 8 |
| 167 | Moroccan, Mauritania, and senegalese gum Arabic variants as green corrosion inhibitors for mild steel in HCl: Weight loss, electrochemical, AFM and XPS studies. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118354 | 6 | 8 |
| 166 | Cholinesterase Inhibitory Activity of Some semi-Rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018 , 18, 711-716 | 3.2 | 8 |
| 165 | New N-Heterocyclic Compounds Based on 8-Hydroxyquinoline as Efficient Corrosion Inhibition for Mild Steel in HCl Solution: Experimental and Theoretical Assessments. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 257-274 | 2.5 | 8 |
| 164 | Synthesis, characterization, crystal structure, Hirshfeld surface analysis, antioxidant properties and DFT calculations of a novel pyrazole derivative: Ethyl 1-(2,4-dimethylphenyl)-3-methyl-5-phenyl-1H-pyrazole-4-carboxylate. <i>Journal of Molecular Structure</i> , 2021 , 1237, 128250 | 3.4 | 8 |
| 163 | X-ray single-crystal structure of a novel di- μ -chloro-bis[chloro(2,9-dimethyl-1,10-phenanthroline)nickel(II)] complex: synthesis, and spectral and thermal studies. <i>Research on Chemical Intermediates</i> , 2013 , 39, 4011-4020 | 2.8 | 7 |
| 162 | Quantum chemical study of some triazoles as inhibitors of corrosion of copper in acid media. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1279-1289 | 2.8 | 7 |
| 161 | POM analyses of antitrypanosomal activity of 2-iminobenzimidazoles: favorable and unfavorable parameters for drugs optimization. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2437-2445 | 2.2 | 7 |
| 160 | ¹ H ¹³ C NMR investigation of E/Z-isomerization around CN bond in the trans-alkene-Pt(II)imine complexes of some ketimines and aldimines. <i>Journal of Saudi Chemical Society</i> , 2010 , 14, 165-174 | 4.3 | 7 |
| 159 | N'-(Di-2-pyridylmethyl-ene)benzo-hydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1597 | | 7 |
| 158 | Electrochemical Evaluation of Linseed Oil as Environment-friendly Inhibitor for Corrosion of Steel in HCl Solution. <i>Portugaliae Electrochimica Acta</i> , 2015 , 33, 137-152 | 2.4 | 7 |

| | | | |
|-----|---|-----|---|
| 157 | The Inhibition Effect of 1-Pentyl Pyridazinium Bromide towards Copper Corrosion in Phosphoric Acid Containing Chloride. <i>Portugaliae Electrochimica Acta</i> , 2016 , 34, 1-21 | 2.4 | 7 |
| 156 | Experimental and first-principles study of a new hydrazine derivative for DSSC applications. <i>Journal of Molecular Structure</i> , 2021 , 1229, 129799 | 3.4 | 7 |
| 155 | Corrosion inhibition effect of 5-(4-methylpiperazine)-methylquinoline-8-ol on carbon steel in molar acid medium. <i>Inorganic Chemistry Communication</i> , 2021 , 123, 108366 | 3.1 | 7 |
| 154 | Experimental and empirical assessment of two new 8-hydroxyquinoline analogs as effective corrosion inhibitor for C22E steel in 1 M HCl. <i>Journal of Molecular Liquids</i> , 2021 , 325, 114644 | 6 | 7 |
| 153 | Appraisal of corrosion inhibiting ability of new 5-N-((alkylamino)methyl)quinolin-8-ol analogs for C40E steel in sulfuric acid. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 30246-30266 | 6.7 | 7 |
| 152 | Construction of Bi2S3/TiO2/MoS2 S-Scheme Heterostructure with a Switchable Charge Migration Pathway for Selective CO2 Reduction. <i>Solar Rrl</i> , 2021 , 5, 2100501 | 7.1 | 7 |
| 151 | Insight into the corrosion inhibition of new bis-quinolin-8-ols derivatives as highly efficient inhibitors for C35E steel in 0.5[M H2SO4. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117333 | 6 | 7 |
| 150 | Synthesis, spectral, electrochemical, crystal structure studies of two novel di-halo-bis[halo(2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline)cadmium(II)] dimer complexes and their thermolysis to nanometal oxides. <i>Journal of Molecular Structure</i> , 2015 , 1099, 323-329 | 3.4 | 6 |
| 149 | The inhibitory effect of two 5-alkylthio-8-hydroxyquinoline salts on steel C22E in a molar electrolyte of hydrochloric acid: Experimental and theoretical studies. <i>Surfaces and Interfaces</i> , 2020 , 20, 100575 | 4.1 | 6 |
| 148 | Origin and switch of different colors: Thermo-isomerism and crystal structure of (1E,2E)-bis[1-(4-nitrophenyl)ethylidene] hydrazine. <i>Journal of Chemical Sciences</i> , 2015 , 127, 2211-2216 | 1.8 | 6 |
| 147 | Diazo-pyrazole analogues as photosensitizers in dye sensitised solar cells: tuning for a better photovoltaic efficiency using a new modelling strategy using experimental and computational data. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1227-1245 | 3.1 | 6 |
| 146 | Inermolecular interaction in [C6H10N3]2[CoCl4] complex: Synthesis, XRD/HSA relation, spectral and catecholase catalytic analysis. <i>Journal of Molecular Structure</i> , 2020 , 1217, 128422 | 3.4 | 6 |
| 145 | Bio-active corrosion inhibitor based on 8-hydroxyquinoline-grafted-Alginate: Experimental and computational approaches. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114615 | 6 | 6 |
| 144 | New tetradentate Schiff base Cu(II) complexes: synthesis, physicochemical, chromotropism, fluorescence, thermal, and selective catalytic oxidation. <i>Emergent Materials</i> , 2021 , 4, 423-434 | 3.5 | 6 |
| 143 | Insight into the corrosion inhibition property of two new soluble and non-toxic xanthenbenzoate derivatives. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116610 | 6 | 6 |
| 142 | Adsorption of a cationic dye (Safranin) by artificial cationic resins Amberlite IRC-50: Equilibrium, kinetic and thermodynamic study. <i>Chemical Data Collections</i> , 2021 , 35, 100756 | 2.1 | 6 |
| 141 | POM analyses of anti-kinase activity of thirteen peptide alkaloids extracted from Zizyphus species. <i>Medicinal Chemistry Research</i> , 2015 , 24, 267-274 | 2.2 | 5 |
| 140 | Theoretical investigation using DFT of quinoxaline derivatives for electronic and photovoltaic effects. <i>Heliyon</i> , 2020 , 6, e03620 | 3.6 | 5 |

| | | | |
|-----|---|-----|---|
| 139 | Computational POM evaluation of experimental in vitro Trypanosoma cruzi and Mycobacterium tuberculosis inhibition of heterocyclic-2-carboxylic acid (3-cyano-1,4-dioxoquinoxalin-2-yl)amide derivatives. <i>Medicinal Chemistry Research</i> , 2014 , 23, 1956-1965 | 2.2 | 5 |
| 138 | Synthesis, characterization, bioactivity, and POM analyses of isothiochromeno[3,4-e][1,2]oxazines. <i>Medicinal Chemistry Research</i> , 2013 , 22, 4798-4809 | 2.2 | 5 |
| 137 | Synthesis, structure, spectroscopic properties, electrochemistry, and DFT correlative studies of trans-[Ru(P-P)2Cl2] complexes. <i>Polyhedron</i> , 2013 , 62, 110-119 | 2.7 | 5 |
| 136 | Synthesis, spectral, thermal, and a crystalline structure of complexes containing [MeC(CH2PPh2)3Cu(I)]. <i>Research on Chemical Intermediates</i> , 2013 , 39, 721-732 | 2.8 | 5 |
| 135 | Synthesis, spectral, X-ray single structure, DFT calculations and antimicrobial activities of [Co(II)X2(dmphen)] (X = Br and SCN). <i>Journal of Molecular Structure</i> , 2015 , 1086, 153-160 | 3.4 | 5 |
| 134 | Kinetic analysis for non-isothermal decomposition of unirradiated and irradiated indium acetyl acetonate. <i>Materials Research</i> , 2011 , 14, 7-10 | 1.5 | 5 |
| 133 | Model free approach for non-isothermal decomposition of un-irradiated and irradiated silver acetate: new route for synthesis of Ag(2)O nanoparticles. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 3600-9 | 6.3 | 5 |
| 132 | Experimental, Density Functional Theory, and Dynamic Molecular Studies of Imidazopyridine Derivatives as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid. <i>Surface Engineering and Applied Electrochemistry</i> , 2021 , 57, 233-254 | 0.8 | 5 |
| 131 | Equilibrium and kinetic studies for removal of antiviral sofosbuvir from aqueous solution by adsorption on expanded perlite: Experimental, modelling and optimization. <i>Surfaces and Interfaces</i> , 2021 , 23, 100962 | 4.1 | 5 |
| 130 | XRD/HSA, noncovalent interactions and influence of solvent polarity on spectral properties of dithiocarbazate schiff base and its cis-Cu(II) complex: Experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115551 | 6 | 5 |
| 129 | A new mixed pyrazole-diamine/Ni(II) complex, Crystal structure, physicochemical, thermal and antibacterial investigation. <i>Journal of Molecular Structure</i> , 2021 , 1236, 130304 | 3.4 | 5 |
| 128 | Crystal structure, MEP/DFT/XRD, thione <=>thiol tautomerization, thermal, docking, and optical/TD-DFT studies of (E)-methyl 2-(1-phenylethylidene)-hydrazinecarbodithioate ligand. <i>Journal of Molecular Structure</i> , 2021 , 1238, 130461 | 3.4 | 5 |
| 127 | Chalcone oxime derivatives as new inhibitors corrosion of carbon steel in 1 M HCl solution. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116398 | 6 | 5 |
| 126 | Mono-Alkylated Ligands Based on Pyrazole and Triazole Derivatives Tested Against . sp. : Synthesis, Characterization, DFT, and Phytase Binding Site Identification Using Blind Docking/Virtual Screening for Potent Fophy Inhibitors. <i>Frontiers in Chemistry</i> , 2020 , 8, 559262 | 5 | 4 |
| 125 | In-vitro antimicrobial activities of organic solvent extracts obtained from Dipcadi viride (L.) Moench. <i>Journal of King Saud University - Science</i> , 2020 , 32, 1965-1968 | 3.6 | 4 |
| 124 | Trans/cis isomerization of [RuCl2(diphosphine)(diamine)] complexes: synthesis, X-ray structure and catalytic activity in hydrogenation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 105, 466-73 | 4.4 | 4 |
| 123 | One-Pot Combination of the Wittig Olefination with Bromination and Oxidation Reactions. <i>Synthetic Communications</i> , 2013 , 43, 893-898 | 1.7 | 4 |
| 122 | The crystal structure of zwitterionic 2-[[[(4-iminiumyl-3-methyl-1,4-dihydro-pyridin-1-yl)methyl]carbamo-yl]benzoate hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 927-931 | 0.7 | 4 |

| | | | |
|-----|---|-----|---|
| 121 | Crystal structure of (1E,1'E)-N,N'-(ethane-1,2-di-yl)bis-[(pyridin-2-yl)methanimine]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o431 | 0.7 | 4 |
| 120 | (2,9-Dimethyl-1,10-phenanthroline- κ^2 ,N')diiododicadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1650 | | 4 |
| 119 | Antibacterial and Antioxidant Screening of Semi-Synthetic Naringin Based Hydrazone and Oxime Derivatives. <i>Jundishapur Journal of Microbiology</i> , 2018 , 11, | 1.2 | 4 |
| 118 | Anti-corrosion performance of pyran-2-one derivatives for mild steel in acidic medium: Electrochemical and theoretical study. <i>Chemical Data Collections</i> , 2021 , 32, 100655 | 2.1 | 4 |
| 117 | Crystal interaction, Hirshfeld surface analysis, and spectral analysis of new Dithiocarbazate Schiff bases derivative (LH) and its neutral cis-Cu(L) ₂ complex. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129207 | 2.4 | 4 |
| 116 | One-Pot Microwave-Assisted Synthesis of Water-Soluble Pyran-2,4,5-triol Glucose Amine Schiff Base Derivative: XRD/HSA Interactions, Crystal Structure, Spectral, Thermal and a DFT/TD-DFT. <i>Crystals</i> , 2021 , 11, 117 | 2.3 | 4 |
| 115 | Electrochemical and theoretical considerations for interfacial adsorption of novel long chain acid pyrazole for mild steel conservation in 1 M HCl medium. <i>Chemical Data Collections</i> , 2021 , 31, 100638 | 2.1 | 4 |
| 114 | Insight into the corrosion inhibition of new benzodiazepine derivatives as highly efficient inhibitors for mild steel in 1M HCl: Experimental and theoretical study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 629, 127428 | 5.1 | 4 |
| 113 | Crystal structure, physicochemical, DFT, optical, keto-enol tautomerization, docking, and anti-diabetic studies of (Z)-pyrazolone keto-enol derivative. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131308 | 3.4 | 4 |
| 112 | Crystal structure of 3-(thio-phen-2-yl)-5-p-tolyl-4,5-di-hydro-1H-pyrazole-1-carbo-thio-amide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 763-5 | 0.7 | 3 |
| 111 | Three closely related (2,2')-3,3'-(1,4-phenyl-ene)bis-[1-(meth-oxy-phen-yl)prop-2-en-1-ones]: supra-molecular assemblies in one dimension mediated by hydrogen bonding and C-H \cdots N inter-actions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 896-900 | 0.7 | 3 |
| 110 | Crystal structure of 3-(thiophen-2-yl)-5-(p-tolyl)-4,5-dihydro-1H-pyrazole-1-carboxamide. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 267-269 | 0.2 | 3 |
| 109 | Molecular structure investigation and biological evaluation of Michael adducts derived from dimedone. <i>Research on Chemical Intermediates</i> , 2016 , 42, 4041-4053 | 2.8 | 3 |
| 108 | An Efficient Method for Water Treatment of Artificial Ponds in Jordan Valley Based on Photovoltaic Pumping System. <i>Agriculture (Switzerland)</i> , 2019 , 9, 151 | 3 | 3 |
| 107 | Cis- & trans-isomerism in [Cl ₂ Ru(dppb)N-N] complexes: Synthesis, structural characterization and X-ray crystal structure of dichloromethane solvated cis-diaminebis(diphenylphosphinobutane)ruthenium(II) complex. <i>Journal of Molecular Structure</i> , 2014 , 1075, 724-729 | 3.4 | 3 |
| 106 | X-ray single crystal, spectral, thermal analysis and ³¹ P{ ¹ H} NMR of ruthenium(II)/ether-phosphine/1,2-diphenyl-1,2-ethanediamine complexes. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1481-1490 | 2.8 | 3 |
| 105 | Design, synthesis, characterization of novel ruthenium(II) catalysts: highly efficient and selective hydrogenation of cinnamaldehyde to (E)-3-phenylprop-2-en-1-ol. <i>Molecules</i> , 2014 , 19, 5965-80 | 4.8 | 3 |
| 104 | Synthesis and spectroscopic identification of hybrid 3-(triethoxysilyl)propylamine phosphine ruthenium(II) complexes. <i>Molecules</i> , 2010 , 15, 3618-33 | 4.8 | 3 |

| | | | |
|-----|--|-----|---|
| 103 | Synthesis and characterization of hybrid materials consisting of n-octadecyltriethoxysilane by using n-hexadecylamine as surfactant and Q(0) and T(0) cross-linkers. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 6279-91 | 6.3 | 3 |
| 102 | Kinetic Studies of Isothermal Decomposition of Unirradiated and Irradiated Gallium Acetylacetonate: New Route for Synthesis of Gallium Oxide Nanoparticles. <i>Progress in Reaction Kinetics and Mechanism</i> , 2012 , 37, 249-262 | 0.5 | 3 |
| 101 | 5,5-Dimethyl-2,2-bis-(pyridin-2-yl)-1,3-diazinane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1786 | | 3 |
| 100 | rac-(E,E)-N,N'-Bis(2-chloro-benzyl-idene)cyclo-hexane-1,2-di-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1075 | | 3 |
| 99 | Synthesis and anti-corrosion characteristics of new 8-quinolinol analogs with amide-substituted on C35E steel in acidic medium: Experimental and computational ways. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115224 | 6 | 3 |
| 98 | New Heterocyclic Compounds: Synthesis, Antioxidant Activity and Computational Insights of Nano-Antioxidant as Ascorbate Peroxidase Inhibitor by Various Cyclodextrins as Drug Delivery Systems. <i>Current Drug Delivery</i> , 2021 , 18, 334-349 | 3.2 | 3 |
| 97 | Synthesis and XRD of Novel Ni ₄ (μ ₃ -O) ₄ Twist Cubane Cluster Using Three NNO Mixed Ligands: Hirshfeld, Spectral, Thermal and Oxidation Properties. <i>Journal of Cluster Science</i> , 2021 , 32, 227-234 | 3 | 3 |
| 96 | Cu(II) coordination polymer bearing diazenyl-benzoic ligand: Synthesis, physico-chemical and XRD/HSA-interactions. <i>Journal of Molecular Structure</i> , 2021 , 1229, 129604 | 3.4 | 3 |
| 95 | One minute microwave synthesis of [O ₂ N-Ph-CH ₂ -Py] ₂ [N(Me) ₂] ⁺ [Cl] ⁻ ionic liquid: XRD/HSA-interactions, physicochemical, optical, thermal and A DFT/TD-DFT analysis. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116737 | 6 | 3 |
| 94 | Synthesis and XRD of neutral NiL complex using unsymmetrical ONNO tetradentate schiff base: Hirshfeld, spectral, DFT and thermal analysis. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 1280-1291 | 1.6 | 2 |
| 93 | 1,3-Bis[(E)-(3-bromobenzylidene)amino]propan-2-ol. <i>MolBank</i> , 2017 , 2017, M971 | 0.5 | 2 |
| 92 | Crystal structure and Hirshfeld surface analysis of ()-3-(2-chloro-4-fluoro-phen-yl)-1-(2,5-di-chloro-thio-phen-3-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1134-1137 | 0.7 | 2 |
| 91 | Synthesis and DFT calculations of new ruthenium(II) nitrosyl complexes using cis-fac-dichlorotetrakis(dimethylsulfoxide)ruthenium(II) precursor and different oximes as sources of nitrosyl ligand. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 2200-2214 | 1.6 | 2 |
| 90 | Fluorescence of some tri- and tetra-dentate pyrazol-derived stable ligands. <i>Research on Chemical Intermediates</i> , 2013 , 39, 2963-2969 | 2.8 | 2 |
| 89 | DNA Binding Test, X-Ray Crystal Structure, Spectral Studies, TG-DTA, and Electrochemistry of [CoX ₂ (dmdphphen)] (Dmdphphen Is 2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline, X = Cl, and NCS) Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2014 , 2014, 914241 | 4.2 | 2 |
| 88 | Structural and Theoretical Studies of 2-amino-3-nitropyridine. <i>E-Journal of Chemistry</i> , 2012 , 9, 2191-2204 | | 2 |
| 87 | Synthesis, physicochemical properties, and in vitro antibacterial screening of palladium(II) complexes derived from thiosemicarbazone. <i>Chemistry and Biodiversity</i> , 2013 , 10, 1109-19 | 2.5 | 2 |
| 86 | N'-[(E)-2-Chloro-benzyl-idene]thio-phene-2-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1442 | | 2 |

| | | | |
|----|---|-----|---|
| 85 | Crystal structure and Hirshfeld surface analysis of 2-(4-nitro-phen-yl)-2-oxoethyl benzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1719-1723 | 0.7 | 2 |
| 84 | Vibrational spectral analysis, XRD-structure, computation, exo<=>endo isomerization and non-linear optical crystal of 5-((5-chloro-1-indol-2-yl)methylene)-1,3-diethyl-2-thioxodihy-dropyrimidine-4,6(1,5)-dione. <i>BMC Chemistry</i> , 2019 , 13, 11 | 3.7 | 2 |
| 83 | Experimental and theoretical studies of 5-((4-phenyl-4,5-dihydro-1H-tetrazol-1-yl)methyl)-quinolin-8-ol quinoline derivative as effective corrosion inhibitor for mild steel 1.0 HCl. <i>Journal of Materials and Environmental Science</i> , 2018 , 9, 345-357 | | 2 |
| 82 | One-pot liquid microwave-assisted green synthesis of neutral trans-Cl ₂ Cu(NNOH) ₂ : XRD/HSA-interactions, antifungal and antibacterial evaluations. <i>Inorganic Chemistry Communication</i> , 2020 , 122, 108292 | 3.1 | 2 |
| 81 | Synthesis of Novel Tetra(μ-Methoxo) Bridged with [Cu(II)-O-Cd(II)] Double-Open-Cubane Cluster: XRD/HSA-Interactions, Spectral and Oxidizing Properties. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 2 |
| 80 | Hemilabile trans/cis-isomerism in [(P ⁺ OO)2RuCl2(N ⁻ N)], XRD/HSA-interactions, C ⁺ H ⁺ Cl-Ru(II) supramolecular synthon, solvatochromism, thermal and A DFT/TD-DFT computation. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115482 | 6 | 2 |
| 79 | Extended Boron Di fluoride [N ⁻ NBF ₂] Complex, Crystal Structure, Liquid NMR, Spectral, XRD/HSA Interactions: A DFT and TD-DFT Study. <i>Crystals</i> , 2021 , 11, 606 | 2.3 | 2 |
| 78 | Design, XRD/HSA-interactions, spectral, thermal, Solvatochromism and DNA-binding of two [Cu(phen)(triene)]Br ₂ complexes: Experimental and DFT/TD-DFT investigations. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129983 | 3.4 | 2 |
| 77 | N-[(1E)-(3-Bromophenyl)methylene]-N-(2-piperidin-1-ylethyl)amine. <i>MolBank</i> , 2016 , 2016, M903 | 0.5 | 2 |
| 76 | Design, structural, C ⁺ H ⁺ Cl supramolecular interactions and computational investigations of Cd(N ⁻ N ⁻)X ₂ complexes based on an asymmetrical 1,2-diamine ligand: physicochemical and thermal analysis. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 3285-3297 | 1.6 | 2 |
| 75 | 8-hydroxyquinoline grafted triazole derivatives as corrosion inhibitors for carbon steel in H ₂ SO ₄ solution: Electrochemical and theoretical studies. <i>Ionics</i> , 2021 , 27, 2267-2288 | 2.7 | 2 |
| 74 | Crystal structures of 2-amino-pyridine citric acid salts: CHN ⁺ CHO and 3CHN ⁺ CHO. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1111-1116 | 0.7 | 2 |
| 73 | 1,3-Bis{[(E)-(9-ethyl-9H-carbazol-3-yl)methylene]amino}propan-2-ol. <i>MolBank</i> , 2018 , 2018, M986 | 0.5 | 2 |
| 72 | Optimization and modeling of the electro-Fenton process for treatment of sertraline hydrochloride: Mineralization efficiency, energy cost and biodegradability enhancement. <i>Chemical Data Collections</i> , 2021 , 35, 100764 | 2.1 | 2 |
| 71 | Sofosbuvir adsorption onto activated carbon derived from argan shell residue: Optimization, kinetic, thermodynamic and theoretical approaches. <i>Journal of Molecular Liquids</i> , 2022 , 356, 119019 | 6 | 2 |
| 70 | Crystal structure of (E)-4-((2-fluoro-3-(trifluoromethyl)benzylidene)amino)-3-methyl-1H-1,2,4-triazole-5(4H)-thione, C ₁₁ H ₈ F ₄ N ₄ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 234, 343-344 | 0.2 | 1 |
| 69 | Crystal interactions, computational, spectral and thermal analysis of (E)-N'-(thiophen-2-ylmethylene)isonicotinohydrazide as O-N-S-tridentate schiff base ligand. <i>Journal of Molecular Structure</i> , 2019 , 1185, 290-299 | 3.4 | 1 |
| 68 | Ruthenium(II) bipyridine complexes bearing new keto-enol azoimine ligands: synthesis, structure, electrochemistry and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 135, 828-39 | 4.4 | 1 |

| | | | |
|----|--|-----|---|
| 49 | One-pot ultrasonic synthesis of $[Cl(N\pi N)\pi Cu(Cl)2Cu(N\pi N)Cl]$ dimer, DFT, XRD/HSA-interactions, spectral, Solvatochromism and TG/DTG/DSC analysis. <i>Journal of Molecular Structure</i> , 2021 , 1236, 130371 ^{3,4} | 3.4 | 1 |
| 48 | Crystal structure and Hirshfeld surface analysis of a pyridinium bromide salt: 1-[2-([1,1'-biphen-yl]-4-yl)-2-oxoeth-yl]-3-methyl-1,4-di-hydro-pyridin-4-iminium bromide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 752-756 | 0.7 | 1 |
| 47 | Synthesis of Novel Aqua π -NNNO/Cu(II) Complexes as Rapid and Selective Oxidative Catalysts for O-Catechol: Fluorescence, Spectral, Chromotropism and Thermal Analyses. <i>Crystals</i> , 2021 , 11, 1072 | 2.3 | 1 |
| 46 | Spectroscopic Insight into Tetrahedrally Distorted Square Planar Copper(II) Complex: XRD/HSA, Physicochemical, DFT, and Thermal Investigations. <i>Crystals</i> , 2021 , 11, 1179 | 2.3 | 1 |
| 45 | Mitigation effect of novel bipyrazole ligand and its copper complex on the corrosion behavior of steel in HCl: Combined experimental and computational studies. <i>Chemical Physics Letters</i> , 2022 , 795, 139532 | 2.5 | 1 |
| 44 | Experimental and theoretical examinations of two quinolin-8-ol-piperazine derivatives as organic corrosion inhibitors for C35E steel in hydrochloric acid. <i>Journal of Molecular Liquids</i> , 2022 , 354, 118900 | 6 | 1 |
| 43 | Investigation of the corrosion of stainless steel, copper and aluminium in sunflower biodiesel solution: Experimental and theoretical approaches. <i>Chemical Data Collections</i> , 2022 , 100870 | 2.1 | 1 |
| 42 | New Green Anti-corrosion Inhibitor of Citrus Peels for Mild Steel in 1M HCl: Experimental and Theoretical Approaches. <i>Chemistry Africa</i> , | 2.2 | 1 |
| 41 | Aminothiazolyl coumarin derivatives as effectual inhibitors to alleviate corrosion on mild steel in 0.5 M H ₂ SO ₄ . <i>Journal of Applied Electrochemistry</i> , 2021 , 51, 1323-1344 | 2.6 | 0 |
| 40 | Corrosion inhibition behavior of chalcone oxime derivatives on carbon steel in 0.5 M H ₂ SO ₄ . <i>Journal of Applied Electrochemistry</i> , 2021 , 51, 1755 | 2.6 | 0 |
| 39 | Ultrasonic synthesis, XRD/HSA-interactions, DFT, time-dependence spectrophotometric stability and thermal analysis of the water-bridge $\{[Cu(phen)2Br]Br\cdot H_2O\}$ complex. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101464 | 3.6 | 0 |
| 38 | Corrosion Effectiveness of 5-(4-Phenylpiperazin-1-yl) methyl) quinolin-8-ol for Carbon Steel in 1.0M HCl. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022 , 8, 1 | 2.9 | 0 |
| 37 | Isoxazoline Derivatives as Inhibitors for Mild Steel Corrosion in 1M H ₂ SO ₄ : Computational and Experimental Investigations. <i>Journal of Materials Engineering and Performance</i> ,1 | 1.6 | 0 |
| 36 | Experimental and theoretical investigations of two quinolin-8-ol derivatives as inhibitors for carbon steel in 1M HCl solution. <i>Journal of Physics and Chemistry of Solids</i> , 2022 , 165, 110699 | 3.9 | 0 |
| 35 | Synthesis, Structural, Biocomputational Modeling and Antifungal Activity of Novel Armed pyrazoles. <i>Journal of Molecular Structure</i> , 2022 , 133156 | 3.4 | 0 |
| 34 | Multidimensional analysis for corrosion inhibition by new pyrazoles on mild steel in acidic environment: Experimental and computational approach. <i>Chemical Data Collections</i> , 2022 , 40, 100885 | 2.1 | 0 |
| 33 | Bisquinoline analogs as corrosion inhibitors for carbon steel in acidic electrolyte: Experimental, DFT, and molecular dynamics simulation approaches. <i>Journal of Molecular Structure</i> , 2022 , 133389 | 3.4 | 0 |
| 32 | Palladium complexes bearing the dipyrityl ligand: synthesis, structural studies, and use in the Heck reaction. <i>Research on Chemical Intermediates</i> , 2016 , 42, 379-389 | 2.8 | |

| | | |
|----|--|-----|
| 31 | Crystal structure of 5-(4-fluorophenyl)-4-methyl-2,4-dihydro-3H-1,2,4-triazole-3-thione, C ₉ H ₈ FN ₃ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 234, 345-346 | 0.2 |
| 30 | Crystal structure of 4,4-dimethyl-2-(trifluoromethyl)-4,5-dihydro-1H-imidazole, C ₆ H ₉ F ₃ N ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 234, 579-580 | 0.2 |
| 29 | Spontaneous α -Methylation of an α -Bromoketone from DMF: Synthesis and Crystalline Structure of 1,1'-(3,4-Diphenylthieno[2,3-b]thiophene-2,5-diyl)bis(propan-1-one). <i>Heterocycles</i> , 2017 , 94, 657 | 0.8 |
| 28 | Two closely related 2-(benzo-furan-2-yl)-2-oxoethyl benzoates: structural differences and C-H \cdots O hydrogen-bonded supra-molecular assemblies. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1087-1091 | 0.7 |
| 27 | Crystal structure of the coordination polymer catena-poly[chlorido- μ -2-((3,5-dimethyl-1H-pyrazol-1-yl)methyl)amino)-3-hydroxybutanoato- μ -N,N,O,O'-copper(II)], C ₁₁ H ₁₆ ClCuN ₂ O ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 493-494 | |
| 26 | Crystal structure of 4-(dimethylamino)-1-(prop-2-yn-1-yl)pyridin-1-ium perchlorate, C ₁₀ H ₁₃ ClN ₂ O ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 897-898 | 0.2 |
| 25 | Crystal structure of 3-(pyrazin-2-ylamino)-2-benzofuran-1(3H)-one, C ₁₂ H ₉ N ₃ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2014 , 229, 385-386 | 0.2 |
| 24 | 5,5-Dimethyl-2,2-di(pyridin-2-yl)hexahydropyrimidine. <i>MolBank</i> , 2015 , 2015, M838 | 0.5 |
| 23 | Erratum to Synthesis, structural chemistry and antimicrobial activity of (-) borneol derivative \square <i>Open Chemistry</i> , 2011 , 9, 367 | 1.6 |
| 22 | Kinetics and Mechanism of Oxidation of L-Cysteine by Bis-3-di-2-pyridylketone-2-thiophenylhydrazone-iron(III) Complex in Acidic Medium. <i>E-Journal of Chemistry</i> , 2010 , 7, S527-S535 | |
| 21 | Trans-dichloro-2,3-naphthalenediamine bis[(2-methoxyethyl)(diphenyl)phosphine]ruthenium(II) Complex. <i>MolBank</i> , 2010 , 2010, M696 | 0.5 |
| 20 | Crystal structure of N-[(methylsulfonyl)oxy]-N'-(E)-2-(methylsulfonyl)oxy]imino-1,2-diphenylethylidene)amine, C ₁₆ H ₁₆ N ₂ O ₆ S ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010 , 225, 611-612 | 0.2 |
| 19 | Dibromido(2,9-dimethyl-1,10-phenanthroline- κ ,N')cadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1846-7 | |
| 18 | cis-[1,4-Bis(diphenyl-phosphan-yl)butane- κ (2)P,P']dichlorido(cyclo-hexane-1,2-diamine- κ (2)N,N')ruthenium(II) dichloro-methane monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m563-4 | |
| 17 | [1,2-Bis(diphenyl-phosphan-yl)ethane- κ (2)P,P']dichloridopalladium(II) dimethyl sulfoxide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m984-5 | |
| 16 | Crystal structure of trans-dichloro(1,4-bis-(diphenylphosphino)butane)-(N,N'-1,2-dimethyl-ethanediamine)ruthenium(II), C ₃₂ H ₄₀ Cl ₂ N ₂ P ₂ Ru. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012 , 227, 379-382 | 0.2 |
| 15 | Crystal structure of cis-dichloro(1,2-R,R-diaminocyclohexane)-bis[1,3-(diphenylphosphino)propane]ruthenium(II), RuCl ₂ (C ₂₇ H ₂₆ P ₂)(C ₆ H ₁₄ N ₂). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010 , 225, 753-755 | 0.2 |
| 14 | One Pot Ultrasonic Assisted {[Ni(tptz)Cl(H ₂ O) ₂][Ni(tptz)(H ₂ O) ₃]} \cdot 3Cl \cdot 5H ₂ O Complex Formation Using Triazine Ligand, XRD/HSA-Interactions, and Spectral and Thermal Investigation. <i>Crystals</i> , 2021 , 11, 1474 | 2.3 |

- 13 Crystal structure of trans-dichloro-1,3-propanediamine-bis[(2-methoxyethyl) diphenylphosphine]ruthenium(II), RuCl₂(C₃H₁₀N₂)(C₁₅H₁₇OP)₂. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2006**, 221, 275-277 0.2
- 12 Synthesis, spectroscopic and Hirshfeld surface analysis and fluorescence studies of (2,2')-3,3'-(1,4-phenyl-ene)bis-[1-(4-hydroxy-phen-yl)prop-2-en-1-one] ,di-methyl-formamide disolvate. *Acta Crystallographica Section E: Crystallographic Communications*, **2018**, 74, 835-839 0.7
- 11 Crystal structure and Hirshfeld surface analysis of 2-(4-nitro-phen-yl)-2-oxoethyl 2-chloro-benzoate. *Acta Crystallographica Section E: Crystallographic Communications*, **2019**, 75, 1792-1796 0.7
- 10 Crystal structure of 1'-ethyl-spiro[chroman-4,4'-imidazolidine]-2',5'-dione: a hydantoin derivative. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, 0705-6 0.7
- 9 Steric repulsion and supra-molecular assemblies a two-dimensional plate by C-H?O hydrogen bonds in two closely related 2-(benzo-furan-2-yl)-2-oxoethyl benzoates. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 1227-1231 0.7
- 8 2-Phen-oxy-ethyl benzoate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, 0789
- 7 Synthesis, physicochemical, thermal, XDR/HSA-interactions of Trans-(1E,2E)-Benzil-O,O-dimethylsulfonyl dioxime: Cis-trans isomerization, DFT and TD-DFT investigation. *Journal of King Saud University - Science*, **2021**, 33, 101298 3.6
- 6 Toxicological and Pharmacological Studies of a Crystal Structure Derivative of 8-Hydroxyquinoline. *Arabian Journal for Science and Engineering*, **1** 2.5
- 5 Chemical, Electrochemical, and Surface Study on Microbial Attack of CoCrMo Dental Alloy by *Streptococcus mutans*. *Journal of Bio- and Tribo-Corrosion*, **2021**, 7, 1 2.9
- 4 Crystal structure of 4-phenyl-3-((4-phenyl-1H-1,2,3-triazol-1-yl)methyl)-1H-1,2,4-triazole-5(4H)-thione, C₁₇H₁₄N₆S. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2018**, 233, 697-698 0.2
- 3 Hemilability in neutral RuCl₂(P=O)₂(N?N) complexes: Physicochemical, trans/cis-isomerization, thermal and A DFT/TD-DFT. *Journal of Molecular Liquids*, **2021**, 341, 117339 6
- 2 Behavior of clay intercalated by Ca²⁺ ions on abrasion-corrosion of Nicrofer 3127 alloy in polluted phosphoric acid medium. *Ionics*, **2022**, 28, 2489 2.7
- 1 GCMS-Based Metabolites Profiling, In Vitro Antioxidant, Anticancer, and Antimicrobial Properties of Different Solvent Extracts from the Botanical Parts of *Micromeria fruticosa* (Lamiaceae). *Processes*, **2022**, 10, 1016 2.9