

Ismail Warad

List of Publications by Year in Descending Order

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

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	Development of New Pyrimidine Derivative Inhibitor for Mild Steel Corrosion in Acid Medium. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022 , 8, 1	2.9	1
281	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
280	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
279	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
278	Behavior of clay intercalated by Ca ²⁺ ions on abrasion-corrosion of Nicrofer 3127 alloy in polluted phosphoric acid medium. <i>Ionics</i> , 2022 , 28, 2489	2.7	
277	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
276	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
275	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
274	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
273	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
272	Synthesis, Structural, Biocomputational Modeling and Antifungal Activity of Novel Armed pyrazoles. <i>Journal of Molecular Structure</i> , 2022 , 133156	3.4	0
271	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
270	GC/MS-Based Metabolites Profiling, In Vitro Antioxidant, Anticancer, and Antimicrobial Properties of Different Solvent Extracts from the Botanical Parts of <i>Micromeria fruticosa</i> (Lamiaceae). <i>Processes</i> , 2022 , 10, 1016	2.9	
269	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
268	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
267	One Pot Ultrasonic Assisted {[Ni(tptz)Cl(H ₂ O) ₂][Ni(tptz)(H ₂ O) ₃]}·3Cl·5H ₂ O Complex Formation Using Triazine Ligand, XRD/HSA-Interactions, and Spectral and Thermal Investigation. <i>Crystals</i> , 2021 , 11, 1474	2.3	
266	Synthesis, physicochemical, optical, thermal and TD-DFT of (E)-N'-((9-ethyl-9H-carbazol-3-yl)-methylene)-4-methyl-benzene-sulfonohydrazide (ECMMBSH): Naked eye and colorimetric Cu ²⁺ ion chemosensor. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101633	3.6	1

265	The Effect of the Moroccan <i>Salvadora Persica</i> Extract on the Corrosion Behavior of the Ni-Cr Non-precious Dental Alloy in Artificial Saliva. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021 , 7, 1	2.9	1
264	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
263	Synthesis, physicochemical, thermal, XRD/HSA-interactions of Trans-(1E,2E)-Benzil-O,O-dimethylsulfonyl dioxime: Cis-trans isomerization, DFT and TD-DFT investigation. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101298	3.6	
262	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
261	Thermogravimetric Kinetics Study of Scrap Tires Pyrolysis Using Silica Embedded With NiO and/or MgO Nanocatalysts. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021 , 143,	2.6	1
260	Hemilabile trans/cis-isomerism in $[Pt(OO)_2RuCl_2(N?N)]$, XRD/HSA-interactions, $Cp^*PtCl-Ru(II)$ supramolecular synthon, solvatochromism, thermal and A DFT/TD-DFT computation. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115482	6	2
259	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
258	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
257	Crystal structure, spectral, thermal and experimental/computational investigation of Anthracen-benzo[d]thiazol-2-amine new Schiff base derivative. <i>Journal of Molecular Structure</i> , 2021 , 1229, 129824	3.4	1
256	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
255	Extended Boron Dioxide $[N?NBF_2]$ Complex, Crystal Structure, Liquid NMR, Spectral, XRD/HSA Interactions: A DFT and TD-DFT Study. <i>Crystals</i> , 2021 , 11, 606	2.3	2
254	Synthesis, characterization, reaction mechanism prediction and biological study of mono, bis and tetrakis pyrazole derivatives against <i>Fusarium oxysporum</i> f. sp. <i>Albedinis</i> with conceptual DFT and ligand-protein docking studies. <i>Bioorganic Chemistry</i> , 2021 , 110, 104696	5.1	9
253	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
252	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
251	XRD/HSA, noncovalent interactions and influence of solvent polarity on spectral properties of dithiocarbamate schiff base and its cis-Cu(II) complex: Experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115551	6	5
250	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
249	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
248	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

247	One-pot ultrasonic synthesis of $[Cl(N\text{?}N)Cu(II)2Cu(N\text{?}N)Cl]$ 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
246	Synthesis and XRD of Novel $Ni_4(\mu_3-O)_4$ 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
245	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
244	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
243	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 , 1225, 129350	3-4	8
242	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
241	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
240	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
239	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	2-4	4
238	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
237	Chemical, Electrochemical, and Surface Study on Microbial Attack of CoCrMo Dental Alloy by <i>Streptococcus mutans</i> . <i>Journal of Bio- and Tribo-Corrosion</i> , 2021 , 7, 1	2.9	
236	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
235	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
234	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
233	Magnetic recyclable $Fe_2O_3/Fe_3O_4/Co_3O_4/CoO$ 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
232	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
231	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
230	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

229	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
228	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
227	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
226	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
225	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
224	Appraisal of corrosion inhibiting ability of new 5-N-(alkylamino)methylquinolin-8-ol analogs for C40E steel in sulfuric acid. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 30246-30266	6.7	7
223	Crystal structure, MEP/DFT/XRD, thione \rightleftharpoons 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
222	Construction of Bi ₂ S ₃ /TiO ₂ /MoS ₂ S-Scheme Heterostructure with a Switchable Charge Migration Pathway for Selective CO ₂ Reduction. <i>Solar Rrl</i> , 2021 , 5, 2100501	7.1	7
221	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
220	Synthesis of Novel Aqua β -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
219	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
218	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
217	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
216	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
215	One minute microwave synthesis of $[O_2N-Ph-CH_2-Py]_2[N(Me)_2]^+[Cl]^-$ 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
214	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
213	Hemilability in neutral $RuCl_2(\eta^5-C_5H_5O)_2(N_2N)$ complexes: Physicochemical, trans/cis-isomerization, thermal and A DFT/TD-DFT. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117339	6	
212	Insight into the corrosion inhibition of new bis-quinolin-8-ols derivatives as highly efficient inhibitors for C35E steel in 0.5M H ₂ SO ₄ . <i>Journal of Molecular Liquids</i> , 2021 , 342, 117333	6	7

211	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
210	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
209	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
208	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
207	Synthesis and XRD of neutral NiL complex using unsymmetrical ONNO tetradentate schiff base: Hirschfeld, spectral, DFT and thermal analysis. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 1280-1291	1.6	2
206	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
205	5,5-DIPHENYL-2-THIOXOIMIDAZOLIDIN-4-ONE METHODOLOGICAL MECHANISM TO CORROSION INHIBITION FOR MILD STEEL DISSOLUTION IN HCL: DFTS, MOLECULAR DYNAMICS AND EXPERIMENTAL PROCEDURES. <i>Surface Review and Letters</i> , 2020 , 27, 2050005	1.1	1
204	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
203	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
202	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
201	Crystal structure and spectral of new hydrazine-pyran-dione derivative: DFT enol-<hydrazone tautomerization via zwitterionic intermediate, hirshfeld analysis and optical activity studies. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128728	3.4	10
200	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
199	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
198	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
197	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
196	Theoretical investigation using DFT of quinoxaline derivatives for electronic and photovoltaic effects. <i>Heliyon</i> , 2020 , 6, e03620	3.6	5
195	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
194	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

193	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
192	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
191	In-vitro antimicrobial activities of organic solvent extracts obtained from <i>Dipcadi viride</i> (L.) Moench. <i>Journal of King Saud University - Science</i> , 2020 , 32, 1965-1968	3.6 4
190	In-vitro antibacterial and antifungal properties of the organic solvent extract of <i>Argemone mexicana</i> L.. <i>Journal of King Saud University - Science</i> , 2020 , 32, 2053-2058	3.6 12
189	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
188	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
187	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
186	New Epoxy sugar based glucose derivatives as eco friendly corrosion inhibitors for the carbon steel in 1.0M HCl: Experimental and theoretical investigations. <i>Journal of Alloys and Compounds</i> , 2020 , 833, 154949	5.7 71
185	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
184	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
183	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
182	Inermolecular interaction in [C ₆ H ₁₀ N ₃] ₂ [CoCl ₄] complex: Synthesis, XRD/HSA relation, spectral and catecholase catalytic analysis. <i>Journal of Molecular Structure</i> , 2020 , 1217, 128422	3.4 6
181	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
180	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
179	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
178	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
177	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
176	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

175	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
174	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
173	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
172	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
171	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
170	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	
169	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	
168	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
167	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
166	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
165	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
164	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
163	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
162	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
161	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
160	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
159	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
158	-[2-(Tri-fluoro-meth-yl)phen-yl]maleamic acid: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 766-769	0.7	1

157	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
156	Crystal structure and Hirshfeld surface analysis of 2-(4-nitro-phen-yl)-2-oxoethyl picolinate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1763-1767	0.7	1
155	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-thioxodihydro-pyrimidine-4,6(1,5)-dione. <i>BMC Chemistry</i> , 2019 , 13, 11	3.7	2
154	Crystal structure and Hirshfeld surface analysis of 2-(4-nitro-phen-yl)-2-oxoethyl 2-chloro-benzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1792-1796	0.7	
153	Design, structural, C-H...O supramolecular interactions and computational investigations of Cd(N ₂ N ₂)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
152	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
151	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
150	Hydrophobic pocket docking, double-proton prototropic tautomerism in contradiction to single-proton transfer in thione <=>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
149	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
148	Crystal structure of the coordination polymer catena-poly[chlorido-μ ₂ -2-(((3,5-dimethyl-1H-pyrazol-1-yl)methyl)amino)-3-hydroxybutanoato-κ ² (N,N,O)O ₂ }]n copper(II)], C ₁₁ H ₁₆ ClCuN ₂ O ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 493-494		
147	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
146	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
145	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
144	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
143	Synthesis, spectra and X-ray crystallography of dipyridin-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
142	Crystal structure and Hirshfeld surface analysis of (O)-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
141	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	
140	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

139	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
138	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
137	Antibacterial and Antioxidant Screening of Semi-Synthetic Naringin Based Hydrazone and Oxime Derivatives. <i>Jundishapur Journal of Microbiology</i> , 2018 , 11,	1.2	4
136	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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 835-839	0.7	
135	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
134	1,3-Bis{[(E)-(9-ethyl-9H-carbazol-3-yl)methylene]amino}propan-2-ol. <i>MolBank</i> , 2018 , 2018, M986	0.5	2
133	Crystal structure and Hirshfeld surface analysis of a pyridinium bromide salt: 1-[2-([1,1'-biphen-yl]-4-yl)-2-oxoethyl]-3-methyl-1,4-dihydro-pyridin-4-iminium bromide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 752-756	0.7	1
132	Crystal structure of 4-phenyl-3-((4-phenyl-1H-1,2,3-triazol-1-yl)methyl)-1H-1,2,4-triazole-5(4H)-thione, C ₁₇ H ₁₄ N ₆ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 697-698	0.2	
131	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
130	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> , 2018 , 264, 621-630	6	32
129	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
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125	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
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120	Two closely related 2-(benzo-furan-2-yl)-2-oxoethyl benzoates: structural differences and C-H...O hydrogen-bonded supra-molecular assemblies. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1087-1091	0.7	
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111	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
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108	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
107	N-[(1E)-(3-Bromophenyl)methylene]-N-(2-piperidin-1-ylethyl)amine. <i>MolBank</i> , 2016 , 2016, M903	0.5	2
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96	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
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87	Crystal structure of 1'-ethyl-spiro[chroman-4,4'-imidazolidine]-2',5'-dione: a hydantoin derivative. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o705-6	0.7	
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69	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
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58	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
57	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
56	New catalysts for the chemoselective reduction of α,β -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
55	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
54	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
53	One step synthesis of NiO nanoparticles via solid-state thermal decomposition at low-temperature of novel aqua(2,9-dimethyl-1,10-phenanthroline)NiCl2 complex. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 23941-54	6.3	56
52	2,2-Bis(pyridin-2-yl)-1,3-diazinane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o569		1
51	Dichlorido(2,9-dimethyl-1,10-phenanthroline-(2)N,N')mercury(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m109		1
50	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

49	N'-[(E)-2-Chloro-benzyl-iden]thio-phene-2-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1442		2
48	2-Phen-oxy-ethyl benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o789		
47	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
46	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
45	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
44	Structural and Theoretical Studies of 2-amino-3-nitropyridine. <i>E-Journal of Chemistry</i> , 2012 , 9, 2191-2204		2
43	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
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41	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
40	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
39	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		
38	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
37	[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		
36	(2,9-Dimethyl-1,10-phenanthroline- κ^2 N,N')bis-(thio-cyanato- κ)mercury(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m1259		1
35	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	
34	Kinetic analysis for non-isothermal decomposition of unirradiated and irradiated indium acetyl acetate. <i>Materials Research</i> , 2011 , 14, 7-10	1.5	5
33	Reactions of some new thienothiophene derivatives. <i>Molecules</i> , 2011 , 16, 5142-8	4.8	8
32	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

31	Erratum to Synthesis, structural chemistry and antimicrobial activity of (-) borneol derivative <i>Open Chemistry</i> , 2011 , 9, 367	1.6	
30	Dibromido(2,9-dimethyl-1,10-phenanthroline- κ^2 ,N')cadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1846-7		
29	(2,9-Dimethyl-1,10-phenanthroline- κ^2 ,N')diiodidocadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1650		4
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22	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
21	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	
20	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	
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16	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
15	N'-(Di-2-pyridylmethyl-ene)benzo-hydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1597		7
14	Crystal structure of cis-dichloro-1,2-ethylenediamine-bis(1,4-(diphenylphosphino)butane)-ruthenium(II) dichloromethane disolvate, RuCl ₂ (C ₂ H ₈ N ₂)(C ₂₈ H ₂₈ P ₂) · 2CH ₂ Cl ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2007 , 222, 415-417	0.2	1

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7	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
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