

Namık A-zdemir

List of Publications by Year in descending order

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200
papers

2,006
citations

318942

23
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445137

33
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203
all docs

203
docs citations

203
times ranked

2275
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, crystal structure, Hirshfeld surface analysis, and theoretical study on a π -N-heterocyclic carbene salt and two NHC-palladium complexes. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 493-504.	0.9	0
2	New benzimidazolium N-heterocyclic carbene precursors and their related Pd-NHC complex PEPPSI-type: Synthesis, structures, DFT calculations, biological activity, docking study, and catalytic application in the direct arylation. <i>Journal of Molecular Structure</i> , 2022, 1248, 131504.	1.8	12
3	Substituted N-heterocyclic carbene PEPPSI-type palladium complexes with different N-coordinated ligands: Involvement in the direct C-H bond activation of heteroarenes derivatives with aryl bromide and their antimicrobial, anti-inflammatory and antioxidant activities. <i>Inorganica Chimica Acta</i> , 2022, 532, 120747.	1.2	13
4	Synthesis, in-vitro biological evaluation, and molecular docking study of novel spiro- β -lactam-isatin hybrids. <i>Medicinal Chemistry Research</i> , 2022, 31, 1026-1034.	1.1	13
5	Synthesis, spectroscopic characterization and antimicrobial properties of silyl-tethered benzimidazolium salts. <i>Journal of Molecular Structure</i> , 2022, 1264, 133308.	1.8	4
6	Synthesis, crystal structures, DFT calculations, and catalytic application in hydrosilylation of acetophenone derivatives with triethylsilane of novel rhodium-N-heterocyclic carbene (NHCs) complex. <i>Journal of Molecular Structure</i> , 2022, 1265, 133397.	1.8	6
7	Comparative structural, spectroscopic and nonlinear optical analysis of a Schiff base compound with experimental and theoretical methods (HF, B3LYP and WB97X-D). <i>Optik</i> , 2021, 228, 166133.	1.4	6
8	The synthesis of new PEPPSI-type N-heterocyclic carbene (NHC)-Pd(II) complexes bearing long alkyl chain as precursors for the synthesis of NHC-stabilized Pd(0) nanoparticles and their catalytic applications. <i>Journal of Organometallic Chemistry</i> , 2021, 934, 121633.	0.8	11
9	Water-soluble silver(I) complexes with N-donor benzimidazole ligands containing an imidazolium core: stability and preliminary biological studies. <i>Dalton Transactions</i> , 2021, 50, 11596-11603.	1.6	10
10	Experimental and quantum mechanical investigation on two π -N-heterocyclic carbene palladium complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2021, 714, 26-36.	0.4	1
11	Half-sandwich Ru(II) arene complexes bearing benzimidazole ligands for the N-alkylation reaction of aniline with alcohols in a solvent-free medium. <i>New Journal of Chemistry</i> , 2021, 45, 11075-11085.	1.4	9
12	Pd-PEPPSI: X-ray Structure, Spectroscopic Analyses, and Quantum Mechanical Studies. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, S84-S92.	0.1	1
13	The first use of [PdBr ₂ (imidazolidin-2-ylidene)(pyridine)] catalysts in the direct C-H bond arylation of C2-substituted furan and thiophene. <i>Research on Chemical Intermediates</i> , 2021, 47, 2821-2843.	1.3	7
14	Synthesis of [PdBr ₂ (benzimidazole-2-ylidene)(pyridine)] complexes and their catalytic activity in the direct C-H bond activation of 2-substituted heterocycles. <i>Polyhedron</i> , 2021, 199, 115091.	1.0	3
15	Catalytic and biological activities of homoleptic palladium(II) complexes bearing the 2-aminobenzothiazole moiety. <i>Polyhedron</i> , 2021, 199, 115106.	1.0	13
16	Synthesis, characterization and catalytic activity of N-heterocyclic carbene ligated Schiff base palladacycles. <i>Inorganica Chimica Acta</i> , 2021, 522, 120360.	1.2	2
17	Spectroscopic and Theoretical Studies and Intramolecular Proton Transfer in (Z)-2-Hydroxy-6-(((2-methoxy-5-(trifluoromethyl)phenyl)amino)methylene)cyclohexa-2,4-dien-1-one. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, 1621-1631.	0.1	1
18	Silver (I)-N-heterocyclic carbene complexes: Synthesis and characterization, biological evaluation of Anti-Cholinesterase, anti-alpha-amylase, anti-lipase, and antibacterial activities, and molecular docking study. <i>Inorganica Chimica Acta</i> , 2021, 525, 120486.	1.2	12

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19	Synthesis and characterization of the N-heterocyclic carbene ligand (NHC) precursors bearing long-alkyl chain substituent and the corresponding Ru(II)-carbene complexes for transfer hydrogenation catalysts. <i>Journal of Organometallic Chemistry</i> , 2021, 948, 121911.	0.8	2
20	Synthesis, crystal structures and catalytic activities of palladium complexes with coumarin-functionalised N-heterocyclic carbene ligands. <i>Inorganic Chemistry Communication</i> , 2021, 131, 108755.	1.8	5
21	The direct C(sp ²)-H functionalization and coupling of aromatic N-heterocycles with (hetero)aryl bromides by [PdX ₂ (imidazolidin-2-ylidene)(Py)] catalysts. <i>Journal of Organometallic Chemistry</i> , 2021, 951, 122013.	0.8	8
22	Supramolecular Ni(II) complex aggregates with a circular linkage of intermolecular multi-hydrogen bonding frameworks based on thiosemicarbazone, and a Cu(II) complex: Synthesis, structural, DFT, electrochemical and antioxidant studies. <i>Polyhedron</i> , 2021, 209, 115457.	1.0	1
23	Synthesis of new Pd(NHC)-PEPPSI type complexes as catalysts toward C-C cross-coupling reactions. <i>Journal of Molecular Structure</i> , 2021, 1243, 130883.	1.8	6
24	Biologically active acylthioureas and their Ni(II) and Cu(II) Complexes: Structural, spectroscopic, anti-proliferative, nucleolytic and antimicrobial studies. <i>Inorganica Chimica Acta</i> , 2021, 528, 120590.	1.2	9
25	Synthesis, structures, DFT calculations, and catalytic application in the direct arylation of five-membered heteroarenes with aryl bromides of novel palladium-N-heterocyclic carbene PEPPSI-type complexes. <i>New Journal of Chemistry</i> , 2021, 45, 17878-17892.	1.4	14
26	Synthesis, characterization, antimicrobial and antibiofilm activity, and molecular docking analysis of NHC precursors and their Ag-NHC complexes. <i>Dalton Transactions</i> , 2021, 50, 15400-15412.	1.6	20
27	Synthesis, catalytic, cytotoxic, and antibacterial properties of new Ru(II) and Pd(II) complexes bearing bidentate Schiff base ligand. <i>Inorganic and Nano-Metal Chemistry</i> , 2021, 51, 1697-1706.	0.9	5
28	Activity analysis of new N-heterocyclic carbenes and silver N-heterocyclic carbene molecules against novel coronavirus by UV-vis, fluorescence spectroscopy and molecular docking. <i>Journal of Coordination Chemistry</i> , 2021, 74, 3109-3126.	0.8	5
29	Nickel (II) complex [NiCl ₂ (DMF) ₂ L ₂] bearing diaminobenzene and sulfonamide: Crystal structure and catalytic application in the reduction of nitrobenzenes. <i>Polyhedron</i> , 2020, 175, 114181.	1.0	10
30	Photoresponsivity and photodetectivity properties of copper complex-based photodiode. <i>Journal of Molecular Structure</i> , 2020, 1200, 127062.	1.8	20
31	N-heterocyclic carbene palladium complexes with different N-coordinated ligands: Comparison of their catalytic activities in Suzuki-Miyaura and Mizoroki-Heck reactions. <i>Polyhedron</i> , 2020, 176, 114271.	1.0	9
32	A neutral arene ruthenium(II) complex with a sulfonated N,O-chelating ligand: Synthesis, characterization, in vitro cytotoxicity and antibacterial activity. <i>Polyhedron</i> , 2020, 176, 114300.	1.0	13
33	Thiosemicarbazone ligand, nickel(II) and ruthenium(II) complexes based on vitamin B6 vitamer: The synthesis, different coordination behaviors and antioxidant activities. <i>Inorganica Chimica Acta</i> , 2020, 502, 119335.	1.2	10
34	Well-defined PEPPSI-themed palladium-NHC complexes: synthesis, and catalytic application in the direct arylation of heteroarenes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5387.	1.7	19
35	Palladium-carbene catalyzed direct arylation of five-membered heteroaromatics. <i>Journal of Molecular Structure</i> , 2020, 1206, 127668.	1.8	12
36	Palladium(II) complexes assembled on solid materials: as catalysts for the NO ₂ (nitro) to NH ₂ (amine) reactions. <i>Monatshefte für Chemie</i> , 2020, 151, 1533-1548.	0.9	6

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37	The preparation of new palladium (II) complexes with Schiff base type ligands and its impregnated Al ₂ O ₃ materials: As the catalysts for degradation/reduction of organic dyes. Applied Organometallic Chemistry, 2020, 34, e6009.	1.7	7
38	Synthesis, antimicrobial properties, and theoretical analysis of benzimidazole-2-ylidene silver(I) complexes. Journal of Coordination Chemistry, 2020, 73, 1967-1986.	0.8	28
39	SYNTHESIS, SPECTROSCOPY, X-RAY CRYSTALLOGRAPHY, AND DFT CALCULATIONS OF (E)-4-[(2-HYDROXYPHENYL) IMINO]METHYLPHENYL BENZENESULFONATE. Journal of Structural Chemistry, 2020, 61, 1575-1584.	0.3	0
40	Synthesis of ferrocenyl imidazolium salts and their novel PEPPSI-type N-heterocyclic carbene (NHC) palladium complexes. Inorganica Chimica Acta, 2020, 511, 119792.	1.2	1
41	Cu(salen) and 1,2,4-triazole complexes from thiosemicarbazone: synthesis, physicochemical and structural properties and cytotoxic activities. New Journal of Chemistry, 2020, 44, 5333-5342.	1.4	1
42	Investigations of antiproliferative and antioxidant activity of 2-lactam morpholino-1,3,5-triazine hybrids. Bioorganic and Medicinal Chemistry, 2020, 28, 115408.	1.4	18
43	Synthesis, thermal, electrochemical and catalytic behavior toward transfer hydrogenation investigations of the half-sandwich RuII complexes with 2-(2-quinolyl)benzimidazoles. Journal of Molecular Structure, 2020, 1220, 128556.	1.8	2
44	Synthesis, DFT computations and antimicrobial activity of a Schiff base derived from 2-hydroxynaphthaldehyde: Remarkable solvent effect. Journal of Molecular Structure, 2020, 1209, 127980.	1.8	10
45	First used of Alkylbenzimidazole-Cobalt(II) complexes as a catalyst for the N-Alkylation of amines with alcohols under solvent-free medium. Journal of Organometallic Chemistry, 2020, 918, 121285.	0.8	10
46	Synthesis, structural, cytotoxic and pharmacokinetic evaluation of some thiosemicarbazone derivatives. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22512.	1.4	3
47	Crystal structure and DFT computational studies of (E)-2,4-di- <i>tert</i> -butyl-6-[[3-(trifluoromethyl)benzyl]iminomethyl]phenol. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 732-735.	0.2	0
48	Synthesis, characterization and application of Ru(II) complexes containing pyridil ligands for dye-sensitized solar cells. Materials Science-Poland, 2020, 38, 450-458.	0.4	2
49	Enhanced Performance of Organic/Inorganic Hybrid Nanomaterials bearing Impregnated [PdL ₂] Complexes as Counterâ€Electrode Catalyst for Dyeâ€Sensitized Solar Cells. Applied Organometallic Chemistry, 2019, 33, e4710.	1.7	11
50	Molecular structure, spectroscopic and density functional studies on 2-[[5-nitrothiophen-2-yl)methylidene]amino]phenol. Optik, 2019, 195, 163144.	1.4	1
51	Inhibition of paraoxonase 1 by coumarinâ€substituted Nâ€heterocyclic carbene silver(I), ruthenium(II) and palladium(II) complexes. Applied Organometallic Chemistry, 2019, 33, e5130.	1.7	10
52	The formation of a metallosupramolecular porous helicate through salicylaldehydethiosemicarbazone: Synthesis, Characterization, Cytotoxic activity, DNA binding and DFT calculations. Applied Organometallic Chemistry, 2019, 33, e5023.	1.7	2
53	Structural and Spectroscopic Characterization of N-(2-Amino-4,5-Dichlorophenyl)-N-(Phenylsulfonyl)Benzenesulfonamide: a Joint Experimental and Quantum Chemical Study. Brazilian Journal of Physics, 2019, 49, 836-845.	0.7	0
54	Palladium(II) and ruthenium(II) complexes of benzotriazole functionalized N-heterocyclic carbenes: Cytotoxicity, antimicrobial, and DNA interaction studies. Journal of Organometallic Chemistry, 2019, 886, 48-56.	0.8	37

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55	New Chalcone Derivative: Synthesis, Characterization, Computational Studies and Antioxidant Activity. Letters in Organic Chemistry, 2019, 17, 46-53.	0.2	5
56	Synthesis and catalytic activity of ionic palladiumN-heterocyclic carbenecomplexes. Turkish Journal of Chemistry, 2019, 43, 1622-1633.	0.5	6
57	Synthesis, Spectroscopy, X-ray Crystallography, and DFT Studies of Dichlorobis[1-(allyl)-1H-imidazole-1 ^N 3]copper(II). Russian Journal of Physical Chemistry A, 2019, 93, 2758-2764.	0.1	1
58	Hydrogen-bonded and π -stacked nickel(II) thiosemicarbazone complexes: Synthesis, spectral and structural studies. Transition Metal Chemistry, 2019, 44, 115-123.	0.7	2
59	Novel N -alkylbenzimidazole Ru (II) complexes: Synthesis and catalytic activity of N -alkylating reaction under solvent-free medium. Applied Organometallic Chemistry, 2019, 33, e4704.	1.7	19
60	Microwave-assisted synthesis of 1-substituted H -benzimidazolium salts: Non-competitive inhibition of human carbonic anhydrase I and II. Archiv Der Pharmazie, 2019, 352, 1800325.	2.1	6
61	Structural, spectroscopic, radical scavenging activity, molecular docking and DFT studies of a synthesized Schiff base compound. Journal of Molecular Structure, 2019, 1179, 205-215.	1.8	31
62	Synthesis, spectroscopic properties and DFT studies of copper(II) complex of (E)-1-((2,4-dichlorophenylimino)methyl)naphthalen-2-ol. Inorganica Chimica Acta, 2019, 484, 297-304.	1.2	1
63	Crystal structure and Hirshfeld surface analysis of 4-[4-(1H-benzimidazol-2-yl)phenoxy]phthalonitrile dimethyl sulfoxide monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 780-784.	0.2	1
64	Structural and spectroscopic characterization and DFT studies of 2-amino-1,10-phenanthroline-1-ium chloride. European Journal of Chemistry, 2019, 10, 95-101.	0.3	0
65	X-ray structure determination, Hirshfeld surface analysis, spectroscopic (FT-IR, NMR, UV-Vis.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 4 ² -(2,4-dimethoxyphenyl)-2,2 ⁶ :6 ² ,2 ³ -terpyridine. Journal of Molecular Structure, 2018, 1162, 96-108.	1.8	18
66	Synthesis, X-ray diffraction method, spectroscopic characterization (FT-IR, 1H and 13C NMR), antimicrobial activity, Hirshfeld surface analysis and DFT computations of novel sulfonamide derivatives. Journal of Molecular Structure, 2018, 1161, 122-137.	1.8	37
67	Sonogashira cross-coupling reaction catalysed by mixed NHC-Pd-PPh ₃ complexes under copper free conditions. Journal of Organometallic Chemistry, 2018, 860, 59-71.	0.8	36
68	Synthesis, structural characterization and cytotoxicity studies of T-shaped silver(I) complexes derived from 1-benzyl-3H-benzimidazolium p-toluenesulfonates. Polyhedron, 2018, 142, 63-70.	1.0	13
69	Synthesis and photovoltaic properties of new Ru(II) complexes for dye-sensitized solar cells. Journal of Materials Science: Materials in Electronics, 2018, 29, 11045-11058.	1.1	11
70	Synthesis, spectroscopic characterization and catalytic activity of 1-(2-hydroxybenzylideneamino)-5-(4-methylbenzoyl)-4-(4-methylphenylpyrimidin)-2(1H)-one. Journal of the Chinese Advanced Materials Society, 2018, 6, 145-155.	0.7	1
71	One-pot stepwise reductive amination reaction by N -coordinate sulfonamido-functionalized Ru(II) complexes in water. Applied Organometallic Chemistry, 2018, 32, e4558.	1.7	9
72	Structural, Spectroscopic, Antimicrobial Activity and DFT Studies on 4-Methyl-N-(4-methylphenylsulfonyl)-N-phenylbenzenesulfonamide. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 T		

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73	Synthesis, spectral, X-ray diffraction and DFT studies on 1-(2-methyl-2-propenyl)-3-(2,3,4,5,6-pentamethylbenzyl)benzimidazolium chloride hydrate. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 664, 109-123.	0.4	8
74	Benzotriazole functionalized N-heterocyclic carbene-silver(I) complexes: Synthesis, cytotoxicity, antimicrobial, DNA binding, and molecular docking studies. <i>Polyhedron</i> , 2018, 153, 31-40.	1.0	15
75	DSSC'ler için NNN ligantlar ile kararlaştırılmış Rutenyum malzemeler. <i>International Journal of Innovative Approaches in Science Research</i> , 2018, 2, 9-24.	0.2	0
76	Synthesis, crystal structure, spectroscopic characterization and DFT studies of bis[(1Z,2E)-N-(2,6-diethylphenyl)-N ² -hydroxy-2-(hydroxyimino)acetimidamido]nickel(II). <i>Inorganica Chimica Acta</i> , 2017, 459, 36-44.	1.2	6
77	Tautomerism in 4-chlorophenyl benzoylcarbamo-dithioate: Experimental and DFT study. <i>Journal of Molecular Structure</i> , 2017, 1137, 233-239.	1.8	4
78	Tridentate SNS pincer type ligand: Synthesis, structural and spectroscopic analysis of a novel pyridine and m-xylene compound with thioether-bridge. <i>Journal of Molecular Structure</i> , 2017, 1136, 271-280.	1.8	9
79	Synthesis, structural, spectroscopic and DFT study on a palladium(II)-N-heterocyclic carbene complex. <i>Journal of Molecular Structure</i> , 2017, 1146, 267-272.	1.8	7
80	Synthesis of a new heterocyclic Schiff base ligand α -(E)-5-benzoyl-4-phenyl-1-((pyridin-2-ylmethylene)) Tj ETQq0 0 0 rgBT /Overlock 10 Structure, 2017, 1127, 626-635.	1.8	4
81	DFT studies and crystal structure of synthesized 1,3-bis(2-thiophenylmethyl)-4,5-dihydroimidazolidinium hexafluorophosphate salt. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2017, 4, .	0.4	0
82	Palladium(II) and Ruthenium(II) complexes bearing arylsulfonate based ligands: Synthesis, structural characterization and catalytic properties. <i>Polyhedron</i> , 2016, 117, 504-512.	1.0	5
83	Bicyclic N-heterocyclic carbene (NHC) ligand precursors and their palladium complexes. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1463-1472.	0.8	14
84	Divalent nickel complexes of thiosemicarbazone based on 5-bromosalicylaldehyde and triphenylphosphine: Experimental and theoretical characterization. <i>Polyhedron</i> , 2016, 113, 16-24.	1.0	8
85	Quantum chemical study of tautomerism in 2-[(4-phenylthiazol-2-yl)hydrazonomethyl]phenol. <i>Computational and Theoretical Chemistry</i> , 2016, 1086, 12-17.	1.1	3
86	Single crystal ruthenium(II) complex dye based photodiode. <i>Dyes and Pigments</i> , 2016, 132, 64-71.	2.0	46
87	Synthesis, structural, and spectroscopic (FT-IR, NMR, and UV) Characterization of 1-(Cyclohexylmethyl)-2-(pyridin-2-yl)-1H-benzo[d]imidazole by experimental techniques and quantum chemical calculations. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016, 120, 706-720.	0.2	2
88	Synthesis, crystal structure analysis, spectral characterization, quantum chemical calculations, antioxidant and antimicrobial activity of 3-(4-chlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methanobenzo[d]isoxazole. <i>Journal of Molecular Structure</i> , 2016, 1122, 219-233.	1.8	25
89	Syntheses and molecular structures of novel Ru(II) complexes with bidentate benzimidazole based ligands and their catalytic efficiency for oxidation of benzyl alcohol. <i>Journal of Molecular Structure</i> , 2016, 1123, 35-43.	1.8	20
90	Investigation of enol-imine/keto-amine tautomerism in (<i>E</i>)-4-[(2-hydroxybenzylidene)amino]phenyl benzenesulphonate by experimental and molecular modelling methods. <i>Molecular Physics</i> , 2016, 114, 757-768.	0.8	15

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91	Crystal structure of (<i>Z</i>)-1-(1,5-dimethyl-1 <i>H</i> -pyrazol-3-yl)-3-hydroxybut-2-en-1-one C ₉ H ₁₂ N ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 617-618.	0.1	5
92	Functionalized imidazolium and benzimidazolium salts as paraoxonase 1 inhibitors: Synthesis, characterization and molecular docking studies. Bioorganic and Medicinal Chemistry, 2016, 24, 1392-1401.	1.4	26
93	Synthesis, molecular structure, spectroscopic characterization, NBO, NLO and NPA analysis and <i>in vitro</i> cytotoxicity study of 3-chloro-N-(4-sulfamoylphenethyl)propanamide with experimental and computational study. Journal of Molecular Structure, 2016, 1114, 95-107.	1.8	20
94	Supramolecular nickel complex based on thiosemicarbazone. Synthesis, transfer hydrogenation and unexpected thermal behavior. Polyhedron, 2016, 110, 188-196.	1.0	11
95	Spectroscopic, electrochemical and X-ray diffraction studies on nickel(II)-complexes of acetophenone thiosemicarbazones substituted six-carbon groups. Inorganica Chimica Acta, 2016, 443, 7-14.	1.2	5
96	Enol-imine/keto-amine tautomerism of (E)-4-[(2-hydroxybenzylidene)amino]phenyl benzenesulfonate. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s419-s419.	0.0	0
97	2-Methyl-1,4-Benzodioxan Substituted Ag(I)-N-Heterocyclic Carbene Complexes and Ru(II)-N-Heterocyclic Carbene Complexes: Synthesis, Crystal Structure and Transfer Hydrogenation of Aromatic Ketones. , 2015, 04, .		0
98	Iron(III) and nickel(II) complexes as potential anticancer agents: synthesis, physicochemical and structural properties, cytotoxic activity and DNA interactions. New Journal of Chemistry, 2015, 39, 5643-5653.	1.4	57
99	A new phosphazene derivative, spiro-N3P3[(O2C12H8)2(OC6H6N-3)2], and its Ru(II) complex: Syntheses, crystal structure, catalytic activity and antimicrobial activity studies. Polyhedron, 2015, 88, 170-175.	1.0	19
100	Direct and solvent-assisted keto-enol tautomerism and hydrogen-bonding interactions in 4-(<i>m</i> -chlorobenzylamino)-3-phenyl-4,5-dihydro-1 <i>H</i> -1,2,4-triazol-5-one: a quantum-chemical study. Journal of Molecular Modeling, 2015, 21, 19.	0.8	11
101	Experimental and theoretical studies of (E)-2-(2-hydroxystyryl)-6-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-1,2,4-triazin-3(2 <i>H</i>)-one. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 141, 307-315.	2.0	11
102	Molecular structure, spectroscopic characterization and DFT calculations of a novel (Z)-1-[(2-Ethylphenylamino)methylene]naphthalene-2(1 <i>H</i>)-one. Journal of Molecular Structure, 2015, 1096, 43-54.	1.8	16
103	Theoretical and experimental investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide: Structural and spectroscopic properties, NBO, NLO and NPA analysis. Journal of Molecular Structure, 2015, 1089, 222-232.	1.8	35
104	Crystal structure of 2-[(5-nitrothiophen-2-yl)methylidene]amino}phenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o418-o418.	0.2	3
105	A novel one-pot synthesis of heterocyclic compound (4-benzoyl-5-phenyl-2-(pyridin-2-yl)-3,3a-dihydropyrazolo[1,5- <i>c</i>]pyrimidin-7(6 <i>H</i>)-one): Structural (X-ray) Tj ETQq1 1 0.784314 rgBT /Over Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 1304-1314.	2.0	18
106	Heteroleptic ruthenium(II) complexes of 2-(2-pyridyl)benzimidazoles: A study of catalytic efficiency towards transfer hydrogenation of acetophenone. Polyhedron, 2015, 85, 926-932.	1.0	26
107	Structural and spectroscopic characterization of a thiosemicarbazidatodioxouranium(VI) complex: A combined experimental and DFT study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 135, 994-1001.	2.0	10
108	Palladium(II) complexes bearing bidentate pyridyl-sulfonamide ligands: Synthesis and catalytic applications. Polyhedron, 2015, 85, 748-753.	1.0	18

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109	Synthesis, characterization and catalytic activity of Pd(II) complexes with <i>N</i> -allyl functionalized imidazolylidenes in Suzuki–Miyaura reaction. <i>Applied Organometallic Chemistry</i> , 2014, 28, 324-331.	1.7	8
110	1-[3-(Morpholin-4-yl)propyl]-4-(3-nitrophenyl)spiro[azetidine-3,9-xanthen]-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o369-o370.	0.2	2
111	1-[3-(Morpholin-4-yl)propyl]-3-[(naphthalen-2-yl)oxy]-4-(3-nitrophenyl)azetidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o833-o834.	0.2	1
112	(E)-Benzyl(4-{[1-(prop-2-en-1-yl)-1H-1,2,3-triazol-4-yl]methoxy}benzylidene)amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o264-o264.	0.2	1
113	(E)-N-(4-{[1-(Prop-2-en-1-yl)-1H-1,2,3-triazol-4-yl]methoxy}benzylidene)morpholin-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o289-o290.	0.2	2
114	1-(Morpholin-4-yl)-4-(2-nitrophenyl)spiro[azetidine-3,9-xanthen]-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o772-o773.	0.2	0
115	(E)-4-[[1-(Morpholin-4-yl)imino]methyl]benzonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o799-o799.	0.2	2
116	3-(2,4-Dichlorophenoxy)-1-(4-methoxybenzyl)-4-(4-nitrophenyl)azetidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o835-o836.	0.2	7
117	Synthesis and characterization of 2,2-(pyridine-2,6-diyl)bis(1H-benzo[d]imidazol-3-ium) 2,4,6-trimethylbenzenesulfonate chloride by experimental and theoretical methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 145-152.	2.0	5
118	Synthesis of some ruthenium(II)–Schiff base complexes bearing sulfonamide fragment: New catalysts for transfer hydrogenation of ketones. <i>Journal of Organometallic Chemistry</i> , 2014, 770, 21-28.	0.8	42
119	Electrochemistry and structural properties of new mixed ligand nickel(II) complexes based on thiosemicarbazone. <i>New Journal of Chemistry</i> , 2014, 38, 5582-5589.	1.4	21
120	Direct and solvent-assisted thione–thiol tautomerism in 5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3H)-thione: Experimental and molecular modeling study. <i>Chemical Physics</i> , 2014, 439, 1-11.	0.9	46
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123	Synthesis and characterization of SiO ₂ -supported ruthenium complexes containing aromatic sulfonamides: as catalysts for transfer hydrogenation of acetophenone. <i>Dalton Transactions</i> , 2013, 42, 4957.	1.6	22
124	Synthesis, spectroscopic characterization, X-ray structure and DFT studies on 2,6-bis(1-benzyl-1H-benzo[d]imidazol-2-yl)pyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 255-263.	2.0	30
125	Experimental and molecular modeling investigation of (E)-N-(2-[(2-hydroxybenzylidene)amino]phenyl)benzenesulfonamide. <i>Molecular Physics</i> , 2013, 111, 707-723.	0.8	50
126	Synthesis, spectroscopic (FT-IR/NMR) characterization, X-ray structure and DFT studies on (E)-2-(1-phenylethylidene)hydrazinecarboximidamide nitrate hemimethanol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 175-182.	2.0	7

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128	Synthesis and catalytic activity of ruthenium(II) complexes containing pyridine-based tridentate triamines () and pyridine carboxylate ligands (). <i>Inorganica Chimica Acta</i> , 2012, 392, 246-253.	1.2	30
129	Concomitant polymorphism of a pyridine-2,6-dicarboxamide derivative in a single space group: Experimental and molecular modeling study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 614-624.	2.0	6
130	Structural and spectroscopic characterization of 2-mesityl-1H-benzo[d]imidazol-3-ium chloride: A combined experimental and theoretical analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 91, 51-60.	2.0	11
131	Copper(II) and cobalt(II) complexes of 2,6-diacetylpyridine bis(O-methyloxime): A theoretical investigation. <i>Journal of Structural Chemistry</i> , 2012, 53, 251-259.	0.3	2
132	Synthesis of Ruthenium(II) Complexes Containing Tridentate Triamine ($\text{N}^2\text{N}^{\circ}\text{N}^{\circ}\text{N}^{\circ}$) and Bidentate Diamine Ligands ($\text{N}^{\circ}\text{N}^{\circ}$): as Catalysts for Transfer Hydrogenation of Ketones. <i>Organometallics</i> , 2011, 30, 4165-4173. ¹		73
133	A comparative DFT study of the physical properties of a 1,2,4-triazole compound. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C254-C254.	0.3	0
134	Synthesis, spectroscopic characterization, X-ray structure and DFT studies on 4-(2-hydroxyphenyl)-4,5,6,7-tetrahydro-1H-imidazo[4,5-c]pyridin-5-ium chloride hydrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 82, 360-367.	2.0	3
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136	The asymmetric ONNO complexes of dioxouranium(VI) with N1,N4-diarylidene-S-propyl-thiosemicarbazones derived from 3,5-dichlorosalicylaldehyde: Synthesis, spectroscopic and structural studies. <i>Polyhedron</i> , 2011, 30, 515-521.	1.0	31
137	1,1 ϵ -(Piperazine-1,4-diyl)dipropan-2-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1758-o1758.	0.2	1
138	2-[2-(1H-imidazol-3-ium-5-yl)ethyl]-3-(pyridin-2-yl)-2H-imidazo[1,5-a]pyridin-4-ium bis(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1282-o1282.	0.2	3
139	An experimental and theoretical approach to the molecular structure of 2-[4-[3-(2,5-dimethylphenyl)-3-methylcyclobutyl]thiazol-2-yl]isoindoline-1,3-dione. <i>Journal of Molecular Modeling</i> , 2010, 16, 291-302.	0.8	18
140	Synthesis, spectroscopic and structural characterization of cobalt(II) complex with uracil-containing 2,6-diformylpyridine ligand: Theoretical studies on the ligand and pentagonal-bipyramidal $[\text{Co}(\text{L})(\text{H}_2\text{O})_2]^{2+}$ and $[\text{Zn}(\text{L})(\text{H}_2\text{O})_2]^{2+}$ cations. <i>Journal of Molecular Structure</i> , 2010, 966, 39-47.	1.8	9
141	Quantum-chemical, spectroscopic and X-ray diffraction studies on nickel complex of 2-hydroxyacetophenone thiosemicarbazone with triphenylphospine. <i>Polyhedron</i> , 2010, 29, 2393-2403.	1.0	43
142	Experimental and <i>ab initio</i> computational studies on 4-(1H-benzo[d]imidazol-2-yl)-N,N-dimethylaniline. <i>Molecular Physics</i> , 2010, 108, 13-24.	0.8	72
143	Synthesis, X-ray crystal structures, thermal and electrochemical properties of thiosemicarbazidatodioxouranium(vi) complexes. <i>Dalton Transactions</i> , 2010, 39, 10228.	1.6	37
144	Experimental and DFT studies on a pyrimidine-thione derivative. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s131-s131.	0.3	0

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146	Experimental and theoretical investigation of the molecular and electronic structure of 5-(4-aminophenyl)-4-(3-methyl-3-phenylcyclobutyl)thiazol-2-amine. <i>Journal of Molecular Modeling</i> , 2009, 15, 1435-1445.	0.8	26
147	Nickel(II) complexes of ONS and ONN chelating thiosemicarbazones with triphenylphosphine co-ligands. <i>Transition Metal Chemistry</i> , 2009, 34, 383-388.	0.7	31
148	The influence of moisture on deprotonation mode of imidazolium chlorides with palladacycle acetate dimer. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2179-2184.	0.8	24
149	Synthesis, X-ray structures, and catalytic activities of (η^2 -C,N)-palladacycles bearing imidazol-2-ylidenes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2343-2349.	0.8	22
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152	Bis{2,6-bis[1-(4-fluorophenylimino)ethyl]pyridine}-1 η^3 <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m224-m227.	0.4	1
153	Di- η^4 -acetato- η^3 <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m381-m381.	0.2	10
154	An experimental and theoretical approach to the 2-chloro-1-(3-methyl-3-phenylcyclobutyl) ethanone. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, C396-C397.	0.3	1
155	(2Z,6Z)-N2,N2 η^2 -Bis(2,6-diisopropylphenyl)-N1,N1 η^2 -bis(2-methoxyethyl)pyridine-2,6-dicarboximidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o224-o224.	0.2	0
156	(Acetonitrile){2,6-bis[1-(2-ethyl-6-methylphenylimino)ethyl]pyridine}dichlororuthenium(II) dichloromethane hemisolvate: a chain of edge-fused R66(24) rings. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m77-m80.	0.4	2
157	trans-Diaqua{5,5 η^2 -[(E,E)-pyridine-2,6-diylbis(methylidynenitrilo)]bis[pyrimidine-2,4(1H,3H)-dione]}zinc(II) nitrate hexafluorophosphate trihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m147-m149.	0.4	2
158	[1,3-Bis(2,3,4,5,6-pentafluorobenzyl)benzimidazol-2-ylidene]bromido(η^4 -cycloocta-1,5-diene)rhodium(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m228-m230.	0.4	4
159	(2,6-Bis{1-[4-(dimethylamino)phenylimino]ethyl}pyridine)dichlorido(triphenylphosphine- η^3 P)ruthenium(II): a zigzag chain of fused centrosymmetric R22(12) rings. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m264-m266.	0.4	4
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161	2-Chloro-1-(3-methyl-3-phenylcyclobutyl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3489-o3489.	0.2	0
162	1-Methyl-5-(4-methylbenzoyl)-4-(4-methylphenyl)pyrimidine-2(1H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4789-o4790.	0.2	1

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163	5-(4-Methylbenzoyl)-4-p-tolyl-1-(1-p-tolyloethylideneamino)pyrimidin-2(1H)-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4791-o4792.	0.2	0
164	Copper(II) and cobalt(II) complexes of 2,6-diacetylpyridine bis(O-methyloxime). Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s168-s168.	0.3	1
165	Benzoin 4-ethylthiosemicarbazone. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o13-o15.	0.4	2
166	Hydrogen bonding in meso-4,5-diphenyl-3,6-diazaoctane-1,8-diol: the formation of one-dimensional linear chains of edge-fused rings. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o89-o91.	0.4	0
167	Bromo(1,4-cycloocta-1,5-diene)[1-(2,3,4,5,6-pentafluorobenzyl)-3-(2,4,6-trimethylbenzyl)benzimidazol-2-ylidene]rhodium(I). Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m252-m254.	0.4	4
168	Dichloro[(1E,1â€²E)-1,1â€²-(pyridine-2,6-diyl)diethanone bis(O-methyloxime)-â€³N1,N2,N6]copper(II). Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m315-m318.	0.4	1
169	A 1/4-chloro-bridged dinuclear ruthenium complex with 9H-carbazole: the formation of one-dimensional linear chains of star-shaped edge-fused rings. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m346-m348.	0.4	2
170	Dichloro[(1E,1â€²E)-1,1â€²-(pyridine-2,6-diyl)diethanone bis(O-methyloxime)-â€³N1,N2,N6]cobalt(II). Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m398-m400.	0.4	0
171	N-Cyclohexyl-2-[5-(4-pyridyl)-4-(p-tolyl)-4H-1,2,4-triazol-3-ylsulfanyl]acetamide dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o639-o642.	0.4	4
172	1-(3-Methyl-3-phenylcyclobutyl)-2-(piperidin-1-yl)ethanone oxime. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o336-o338.	0.2	3
173	3,3â€²-(Pyridine-2,6-diyl)bis(4-allyl-4,5-dihydro-1H-1,2,4-triazole-5-thione). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4385-o4387.	0.2	1
174	Crystal and molecular structure of 1-allyl-5-(4-methylbenzoyl)-4-(4-methylphenyl)pyrimidine-2(1H)-thione. Crystal Research and Technology, 2006, 41, 1236-1241.	0.6	4
175	Benzoin thiosemicarbazone and benzoin 4-ethylthiosemicarbazone. Acta Crystallographica Section A: Foundations and Advances, 2006, 62, s293-s293.	0.3	2
176	[1,3-Bis(2-ethoxyphenyl)imidazolidin-2-ylidene]bromo(cycloocta-1,5-diene)rhodium(I). Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m373-m375.	0.4	2
177	6-Phenyl-3-(4-pyridyl)-1,2,4-triazolo[3,4-b][1,3,4]thiadiazole. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o665-o667.	0.4	8
178	N-(2,4-Dimethoxybenzylideneamino)guanidinium dihydrogenphosphate. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o722-o724.	0.4	4
179	4-Ethyl-5-(2-hydroxyphenyl)-2H-1,2,4-triazole-3(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o17-o19.	0.2	4
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182	2-[(4-Phenylthiazol-2-yl)hydrazonomethyl]phenol. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1712-o1714.	0.2	2
183	1-(3-Mesityl-3-methylcyclobutyl)-2-(piperidin-1-yl)ethanone. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1754-o1756.	0.2	3
184	4-Allyl-2-(morpholin-4-ylmethyl)-5-(pyridin-4-yl)-2,4-dihydro-3H-1,2,4-triazole-3-thione. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1953-o1955.	0.2	2
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187	1-Methyl-1-phenyl-3-[1-hydroxyimino-2-(succinimido)ethyl]cyclobutane. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o674-o676.	0.4	9
188	1-Methyl-1-phenyl-3-(phthalimidoacetyl)cyclobutane. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o14-o16.	0.2	2
189	4-(Benzyloxy)phthalonitrile. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o79-o80.	0.2	5
190	2-[2-Hydroxyimino-2-(3-methyl-3-phenylcyclobutyl)ethyl]isoindole-1,3-dione. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o145-o147.	0.2	2
191	3,5-Bis(4-methylbenzoyl)-2,6-bis(4-methylphenyl)-4H-pyran-4-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o207-o209.	0.2	1
192	Methyl 4-benzoyl-1,5-diphenyl-1H-pyrazole-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o317-o319.	0.2	3
193	4-(2,6-Dichlorobenzylamino)-3-phenyl-5-p-tolyl-4H-1,2,4-triazole. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o651-o653.	0.2	0
194	2,3,4,6-Tetraphenyl-2H-pyrazolo[3,4-d]pyridazin-7(6H)-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o807-o809.	0.2	4
195	4-(1-Indanyloxy)phthalonitrile. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o896-o898.	0.2	3
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197	1-(3-Mesityl-3-methylcyclobutyl)-2-(pyrrolidin-1-yl)ethan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1523-o1524.	0.2	3
198	4-(m-Chlorobenzylamino)-3-phenyl-4,5-dihydro-1H-1,2,4-triazol-5-one. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1223-o1225.	0.2	1

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200	4,5â€Dihydroâ€imidazolâ€2â€ylideneâ€linked palladium complexes as catalysts for the direct Cî¿H bond arylation of azoles. Applied Organometallic Chemistry, 0, , .	1.7	3