

Joel T Mague

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.

405
papers

2,361
citations

22
h-index

33
g-index

485
ext. papers

2,833
ext. citations

1.9
avg, IF

5.43
L-index

#	Paper	IF	Citations
405	Crystal structure and Hirshfeld surface analysis of 5-acetyl-3-amino-6-methyl-phenyl-4-[(2-phenyl-ethen-yl)]thieno[2,3-]pyridine-2-carbox-amide.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 225-230	0.7	
404	Ring Opening of Epoxides by Pendant Silanols.. <i>Organic Letters</i> , 2022 ,	6.2	2
403	Crystal structure and Hirshfeld surface analysis of 2-[[7-acetyl-4-cyano-6-hydroxy-8-(4-methoxyphenyl)-1,6-dimethyl-5,6,7,8-tetrahydroisoquinolin-3-yl]sulfanyl]acetic acid ethyl ester.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 220-224		
402	A possible potential COVID-19 drug candidate: Diethyl 2-(2-(2-(3-methyl-2-oxoquinoxalin-1(2H)-yl)acetyl)hydrazono)malonate: Docking of disordered independent molecules of a novel crystal structure, HSA/DFT/XRD and cytotoxicity.. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 103505	5.9	6
401	Docking of disordered independent molecules of novel crystal structure of (N-(4-methoxyphenyl)-2-(3-methyl-2-oxo-3,4-dihydroquinoxalin-1(2H)-yl)acetamide as anti-COVID-19 and anti-Alzheimer's disease. Crystal structure, HSA/DFT/XRD. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131420	3.4	9
400	Biological insights of a chiral hybrid-based hexamolybdate and proline. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131401	3.4	1
399	Coordination complexes constructed from pyrazole-acetamide and pyrazole-quinoxaline: effect of hydrogen bonding on the self-assembly process and antibacterial activity.. <i>RSC Advances</i> , 2022 , 12, 5324-5339	3.7	1
398	New styrylquinoxaline: synthesis, structural, biological evaluation, ADMET prediction and molecular docking investigations.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-17	3.6	1
397	Nitrophenyl-Group-Containing Heterocycles. I. Synthesis, Characterization, Crystal Structure, Anticancer Activity, and Antioxidant Properties of Some New 5,6,7,8-Tetrahydroisoquinolines Bearing 3(4)-Nitrophenyl Group.. <i>ACS Omega</i> , 2022 , 7, 8767-8776	3.9	0
396	Crystal structure, Hirshfeld surface analysis, inter-action energy and DFT calculations and energy frameworks of methyl 6-chloro-1-methyl-2-oxo-1,2-dihydro-quinoline-4-carboxylate.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 425-432	0.7	0
395	Greener pastures in evaluating antidiabetic drug for a quinoxaline Derivative: Synthesis, Characterization, Molecular Docking, in vitro and HSA/DFT/XRD studies. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 103851	5.9	1
394	Novel 3-chloro-6-nitro-1-indazole derivatives as promising antileishmanial candidates: synthesis, biological activity, and molecular modelling studies.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 151-167	5.6	0
393	Synthesis, crystal structure investigation and computational approach to discover potential hydrazide derivatives as a potent inhibitor of cyclooxygenase-2 enzyme.. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022 , e23082	3.4	1
392	Synthesis, structural characterization, antioxidant and antidiabetic activities, DFT calculation, and molecular docking of novel substituted phenolic and heterocyclic compounds.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-13	3.6	
391	Synthesis, Crystal structure, and a molecular modeling approach to identify effective antiviral hydrazide derivative against the main protease of SARS-CoV-2. <i>Journal of Molecular Structure</i> , 2022 , 133391	3.4	1
390	Unexpected synthesis of novel 2-pyrone derivatives: crystal structures, Hirshfeld surface analysis and computational studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 4859-4877	3.6	4
389	Synthesis and crystal structure of 1-octyl-3-phenylquinoxalin-2(1H)-one, C ₂₂ H ₂₆ N ₂ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021 , 236, 173-175	0.2	4

388	Synthesis and crystal structure of 2-azido-N-phenylacetamide, C ₈ H ₈ N ₄ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021 , 236, 133-134	0.2	5
387	Coordination complexes of zinc and manganese based on pyridine-2,5-dicarboxylic acid -oxide: DFT studies and antiproliferative activities consideration.. <i>RSC Advances</i> , 2021 , 11, 37403-37412	3.7	2
386	Synthesis, structural, characterization and Hirshfeld analysis of a bis-selenide and a zinc complex of a new hemilabile ferrocenylbisphosphane, [Fe{CHP(CH ₂ CHNMe-o)}]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021 , 77, 725-733	0.8	1
385	Buffer and Salt Effects in Aqueous Host-Guest Systems: Screening, Competitive Binding, or Both?. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18605-18616	16.4	7
384	Highly Regio- and Diastereoselective Tethered Aza-Wacker Cyclizations of Alkenyl Phosphoramidates. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14732-14758	4.2	0
383	Crystal structure of (()-1-(3-benzyl-5-phenyl-1,3-thiazol-2-yl-idene)-2-[(()-1,2,3,4-tetra-hydro-naphthalen-1-yl-idene]hydrazin-1-ium bromide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 420-423		
382	Dimroth rearrangement-based synthesis of novel derivatives of [1,3]selenazolo[5,4-e][1,2,4]triazolo[1,5-c]pyrimidine as a new class of selenium-containing heterocyclic architecture. <i>Molecular Diversity</i> , 2021 , 1	3.1	2
381	Crystal structure and Hirshfeld surface analysis of (3,3a,6a)-3-(1,3-diphenyl-1-pyrazol-4-yl)-5-(4-methoxy-phenyl)-2-phenyl-3,3a,4,5,6,6a-hexa-hydro-2-pyrrolo-[3,4-][1,2]oxazine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 356-359		
380	Synthesis and Characterization of Novel Functionally Substituted Planar Pyrimidothienoisoquinolines and Nonplanar (3a, 4, 9a)-pyrazolo[3,4]isoquinolines. <i>ACS Omega</i> , 2021 , 6, 8706-8716	3.9	3
379	Synthesis, structural elucidation, and antioxidant activity of new phenolic derivatives containing piperidine moiety: Experimental and theoretical investigations. <i>Journal of Heterocyclic Chemistry</i> , 2021 , 58, 1268-1277	1.9	
378	Synthesis, Characterization, and Crystal Structure of Some New Tetrahydroisoquinolines and Related Tetrahydrothieno[2,3]-isoquinolines. <i>ACS Omega</i> , 2021 , 6, 8332-8339	3.9	2
377	Crystal structure and Hirshfeld surface analysis of 2-[[7-acetyl-8-(4-chloro-phenyl)-4-cyano-6-hydroxy-1,6-dimethyl-5,6,7,8-tetra-hydro-isoquinolin-3-yl]sulfanyl]-1-(4-chlorophenyl)ethanone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 527-531		
376	Crystal structure, Hirshfeld surface analysis and inter-action energy calculation of 1-decyl-2,3-di-hydro-1-benzimidazol-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 559-563	0.7	
375	Crystal structure and Hirshfeld surface analysis of -[(()-2-hydroxy-phenyl)methyl-idene]aniline -oxide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 596-599	0.7	
374	Crystal structure, Hirshfeld surface analysis and DFT study of -(2-amino-5-methyl-phenyl)-2-(5-methyl-1-pyrazol-3-yl)acetamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 638-642	0.7	2
373	Design, synthesis, structural and molecular characterization, toxicity, psychotropic activity and molecular docking evaluation of a novel phenytoin derivative: 3-decyl-5,5-diphenylimidazolidine-2,4-dione. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-18	3.6	5
372	Crystal structure and Hirshfeld surface analysis of 2-[[7-acetyl-4-cyano-6-hydroxy-8-(4-methoxy-phenyl)-1,6-dimethyl-5,6,7,8-tetra-hydro-iso-quinolin-3-yl]sulfanyl]-phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 663-667		
371	Crystal structure and Hirshfeld surface analysis of 2-(2-oxo-3-phenyl-1,2,3,8a-tetra-hydro-quinoxalin-1-yl)ethyl acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 643-646	0.7	

370	Synthesis, crystal structure, DFT calculations, Hirshfeld surface analysis, energy frameworks, molecular dynamics and docking studies of novel isoxazolequinoxaline derivative (IZQ) as anti-cancer drug. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130004	3.4	13
369	Synthesis, structure elucidation, Hirshfeld surface analysis, DFT, molecular docking and Monte Carlo simulation of new quinoline-4-carboxylate derivatives. <i>Journal of Molecular Structure</i> , 2021 , 1234, 130195	3.4	0
368	Synthesis, X-ray, spectroscopic characterization, Hirshfeld surface analysis, DFT calculation and molecular docking investigations of a novel 7-phenyl-2,3,4,5-tetrahydro-1H-1,4-diazepin-5-one derivative. <i>Journal of Molecular Structure</i> , 2021 , 1234, 130146	3.4	2
367	Tethered Silanoxyiodination of Alkenes. <i>Journal of Organic Chemistry</i> , 2021 , 86, 9233-9243	4.2	3
366	Synthesis, structural characterisation and theoretical studies of a novel pyridazine derivative: Investigations of anti-inflammatory activity and inhibition of α -glucosidase. <i>Journal of Molecular Structure</i> , 2021 , 1234, 130177	3.4	7
365	Crystal structure and Hirshfeld surface analysis of ethyl 2-((5-acetyl-3-cyano-6-methyl-4-((2-phenyl-ethen-yl)pyridin-2-yl)sulfan-yl)acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 730-733	0.7	
364	Syntheses, single crystal X-ray structure, Hirshfeld surface analyses, DFT computations and Monte Carlo simulations of New Eugenol derivatives bearing 1,2,3-triazole moiety. <i>Journal of Molecular Structure</i> , 2021 , 1234, 130189	3.4	6
363	Crystal structure, Hirshfeld surface analysis and inter-action energy calculation of 4-(furan-2-yl)-2-(6-methyl-2,4-dioxo-pyran-3-yl-iden-2,3,4,5-tetra-hydro-1-1,5-benzodiazepine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 834-838	0.7	
362	Syntheses of novel 1, 5-benzodiazepine derivatives: Crystal structures, spectroscopic characterizations, Hirshfeld surface analyses, molecular docking studies, DFT calculations, corrosion inhibition anticipation, and antibacterial activities. <i>Journal of Heterocyclic Chemistry</i> , 2021 , 58, 270-289	1.9	4
361	Two polyoxometalate-based hybrids constructed from trinuclear lanthanoid clusters with single-molecule magnet behavior. <i>Polyhedron</i> , 2021 , 194, 114903	2.7	8
360	New alkyl (cyclohexyl) 2-oxo-1-(prop-2-yn-1-yl)-1, 2-dihydroquinoline-4-carboxylates: Synthesis, crystal structure, spectroscopic characterization, hirshfeld surface analysis, molecular docking studies and DFT calculations. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129520	3.4	4
359	Single-molecule magnets within polyoxometalate-based frameworks. <i>Dalton Transactions</i> , 2021 , 50, 15043-15056	4.5	5
358	Unusual Rearrangement-Remercuration Reactions of Allylic Silanols. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 5361-5368	5.2	2
357	An efficient diastereoselective synthesis of novel fused 5H-furo[2,3-d]thiazolo[3,2-a]pyrimidin-5-ones via one-pot three-component reaction. <i>Molecular Diversity</i> , 2021 , 1	3.1	1
356	Crystal structure, Hirshfeld surface analysis, DFT and mol-ecular docking investigation of 2-(2-oxo-1,3-oxazolidin-3-yl)ethyl 2-[2-(2-oxo-1,3-oxazolidin-3-yl)eth-oxy]quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 28-33	0.7	
355	Crystal structure, Hirshfeld surface analysis and DFT study of 1-ethyl-3-phenyl-1,2-di-hydro-quinoxalin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 18-22	0.7	3
354	Crystallographic and spectroscopic characterization of 2-[(7-acetyl-4-cyano-6-hy-droxy-1,6-dimethyl-8-phenyl-5,6,7,8-tetra-hydro-isoquinolin-3-yl)sulfan-yl]-phenyl-acetamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 121-125	0.7	4
353	A redetermination of the structure and Hirshfeld surface analysis of poly[di-aquadi-hydroxido-tetra-kis-(η icotinato -oxide)tricopper(II)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 309-313	0.7	

352	Crystal structure and Hirshfeld surface analysis of 3-[(1)-(4-{4-[0-(3-hydroxy-benzyl-iden)amino]-phen-oxo}phenyl-imino)-methyl]phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 266-269	0.7	
351	Crystal structures of two hydrazide derivatives of mefenamic acid, 3-(2,3-di-methyl-anilino)-N[0-(furan-2-yl)methyl-iden]benzohydrazide and N[0-(benzyl-iden)-2-(2,3-di-methyl-anilino)benzo-hydrazide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 816-817	0.7	
350	Synthesis and Identification of Novel Potential Molecules Against COVID-19 Main Protease Through Structure-Guided Virtual Screening Approach. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 3602-3623	3.2	4
349	Crystal structure, Hirshfeld surface analysis and density functional theory study of benzyl 2-oxo-1-(prop-2-yn-1-yl)-1,2-di-hydro-quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 824-828	0.7	
348	A Dimroth rearrangement approach for the synthesis of selenopheno[2,3-e][1,2,4]triazolo[1,5-c]pyrimidines with cytotoxic activity on breast cancer cells. <i>Molecular Diversity</i> , 2021 , 1	3.1	1
347	Open-Ended Metallodithiolene Complexes with the 1,2,4,5-Tetrakis(diphenylphosphino)benzene Ligand: Modular Building Elements for the Synthesis of Multimetal Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 13177-13192	5.1	1
346	Crystal structure and Hirshfeld surface analysis study of 0-1-(4-chloro-phen-yl)--(4-ferrocenylphen-yl)methanimine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 875-879	0.7	
345	Synthesis, Crystal structure, Hirshfeld surface Analysis and computational approach of new 2-methylbenzimidazo[1,2-a]pyrimidin-4(1H)-one. <i>Journal of Molecular Structure</i> , 2021 , 1239, 130497	3.4	3
344	Synthesis, Crystal structure, Hirshfeld surface analysis, Spectral characterizations and Quantum computational assessments of 1-hydroxy-3-methyl-11H-pyrido[2,1-b] quinazolin-11-one. <i>Journal of Molecular Structure</i> , 2021 , 131592	3.4	2
343	Novel antioxidant quinoxaline derivative: Synthesis, crystal structure, theoretical studies, antidiabetic activity and molecular docking study. <i>Journal of Molecular Structure</i> , 2021 , 1239, 130484	3.4	12
342	Supramolecular network of a framework material supported by the anion-linkage of Keggin-type heteropolyoxotungstates: experimental and theoretical insights. <i>Dalton Transactions</i> , 2021 , 50, 1895-1900	4.3	9
341	Synthesis, characterization and bioactivity studies of new dithiocarbazate complexes. <i>New Journal of Chemistry</i> , 2020 , 44, 8878-8889	3.6	6
340	Synthesis and Structures of Polyphenylphenanthrenes. <i>Chemistry - A European Journal</i> , 2020 , 26, 8458-8464	4.6	2
339	Solvent induced supramolecular polymorphism in Cu(II) coordination complex built from 1,2,4-triazolo[1,5-a]pyrimidine: Crystal structures and anti-oxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2020 , 208, 111092	4.2	12
338	An inorganic-organic hybrid material based on a Keggin-type polyoxometalate@Dysprosium as an effective and green catalyst in the synthesis of 2-amino-4H-chromenes via multicomponent reactions. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5793	3.1	11
337	Versatile Coordination Modes of 2,6-Bis(2-(diphenylphosphanyl)-1H-imidazol-1-yl)pyridine in Cu(I) and Au(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2718-2725	2.3	2
336	Synthesis, spectroscopic characterization, crystal structure, DFT, molecular docking and in vitro antibacterial potential of novel quinoline derivatives. <i>Journal of Molecular Structure</i> , 2020 , 1209, 127940	3.4	28
335	A newly synthesized nitrogen-rich derivative of bicyclic quinoxaline@structural and conceptual DFT reactivity study. <i>Journal of Physical Organic Chemistry</i> , 2020 , 33, e4055	2.1	14

334	Synthesis, Crystal Structure and Computational Investigation of New 4-Phenyl-decahydro-1H-1,5-benzodiazepin-2-one as Potent Inhibitor of Mu-opioid Receptor. <i>ChemistrySelect</i> , 2020 , 5, 4601-4607	1.8	2
333	Crystal structure, Hirshfeld surface analysis and DFT studies of 1-benzyl-3-[(1-benzyl-1-1,2,3-triazol-5-yl)methyl]-2,3-di-hydro-1-1,3-benzo-diazol-2-one monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 95-101	0.7	1
332	Crystal structure, Hirshfeld surface analysis and DFT studies of 1,3-bis-[2-meth-oxy-4-(prop-2-en-1-yl)phen-oxy]propane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 344-348	0.7	2
331	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of 1-(1,3-benzo-thia-zol-2-yl)-3-(2-hydroxy-eth-yl)imidazolidin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 370-376	0.7	1
330	A redetermination of the crystal structure of the mannitol complex $\text{NH}[\text{MoO}(\text{CHO})]\cdot\text{H}_2\text{O}$: hydrogen-bonding scheme and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 518-522	0.7	1
329	Crystal structure, Hirshfeld surface analysis, inter-action energy and DFT studies of 4-[(4-allyl-2-meth-oxy-phen-oxy)methyl]-1-(4-meth-oxy-phen-yl)-1,2,3-triazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 962-966	0.7	4
328	Synthesis and crystal structure of 3-octyl-5,5-diphenylimidazolidine-2,4-dione, $\text{C}_{23}\text{H}_{28}\text{N}_2\text{O}_2$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020 , 235, 1425-1427	0.2	2
327	Crystal structure, Hirshfeld surface analysis, inter-action energy and DFT studies of (2)-2-(2,4-di-chloro-benzyl-idene)-4-nonyl-3,4-di-hydro-2-1,4-benzo-thia-zin-3-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 281-287	0.7	1
326	Syntheses and crystal structures of 2,2,5-trimethyl-1,3-dioxane-5-carb-oxy-lic acid and 2,2,5-trimethyl-1,3-dioxane-5-carb-oxy-lic anhydride. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 86-90	0.7	
325	Crystal structure, Hirshfeld surface analysis and inter-action energy, DFT and anti-bacterial activity studies of ethyl 2-[(2)-2-(2-chloro-benzyl-idene)-3-oxo-3,4-di-hydro-2-1,4-benzo-thia-zin-4-yl]acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 629-636	0.7	
324	Crystal structure, Hirshfeld surface analysis and DFT studies of 6-bromo-3-(12-bromo-dodec-yl)-2-(4-nitro-phen-yl)-4-imidazo[4,5-]pyridine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 677-682	0.7	2
323	Crystal and molecular structure of $[\text{Ni}\{2\text{-HNC}(=\text{O})\text{CHN}\}(\text{HO})][\text{Ni}\{2,6\text{-(OC)CHN}\}]\cdot 4.67\text{H}_2\text{O}$; DFT studies on hydrogen bonding energies in the crystal. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 591-603	1.8	
322	Crystal structure, Hirshfeld surface analysis and DFT study of 6-bromo-3-(5-bromo-hex-yl)-2-[4-(di-methyl-amino)-phen-yl]-3-imidazo[4,5-]pyridine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1234-1238	0.7	1
321	Synthesis and crystal structure of (E)-1-benzyl-3-(4-methoxystyryl)quinoxalin-2(1H)-one, $\text{C}_{24}\text{H}_{20}\text{N}_2\text{O}_2$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020 , 235, 1323-1325	0.2	5
320	Synthesis and crystal structure of 2-azido-N-(4-nitrophenyl)acetamide, $\text{C}_8\text{H}_7\text{N}_5\text{O}_3$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020 , 235, 1429-1430	0.2	0
319	Crystal structure and Hirshfeld surface analysis of hexyl 1-hexyl-2-oxo-1,2-di-hydro-quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 642-645	0.7	
318	Crystal structure, Hirshfeld surface analysis and inter-action energy, DFT and anti-bacterial activity studies of (-)-4-hexyl-2-(4-methyl-benzyl-idene)-2-benzo[[1,4]thia-zin-3(4)-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 889-895	0.7	
317	Synthesis and HSA-interaction of a new mixed ligand Cu-isothiosemicarbazonato complex with adenine nucleobase. <i>Polyhedron</i> , 2020 , 179, 114357	2.7	7

316	Synthesis of a novel phenytoin derivative: Crystal structure, Hirshfeld surface analysis and DFT calculations. <i>Journal of Molecular Structure</i> , 2020 , 1205, 127630	3.4	22
315	Group 10 Metal Dithiolene Bis(isonitrile) Complexes: Synthesis, Structures, Properties, and Reactivity. <i>Organometallics</i> , 2020 , 39, 2854-2870	3.8	3
314	Insights into the crystal structure of two newly synthesized quinoxalines derivatives as potent inhibitor for -Jun -terminal kinases. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-18	3.6	1
313	Syntheses of N-substituted benzimidazolone derivatives: DFT calculations, Hirshfeld surface analysis, molecular docking studies and antibacterial activities. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127174	3.4	6
312	Synthesis, Crystal Structure, DFT Calculations and Hirshfeld Surface Analysis of 5-Bromo-1-decyl-2,3-dihydro-1H-indolin-2-one. <i>Journal of Chemical Crystallography</i> , 2020 , 50, 330-337	0.5	1
311	A newly synthesized 6-methyl-7,8,9-[1,2,4]triazolo[4,3-][1,2,4]triazepin-8-one for potential inhibitor of adenosine A1 receptor: a combined experimental and computational studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 3578-3586	3.6	1
310	Synthesis, biological activity and molecular modeling of a new series of condensed 1,2,4-triazoles. <i>Bioorganic Chemistry</i> , 2019 , 92, 103193	5.1	11
309	Dodecaphenyltetracene. <i>Angewandte Chemie</i> , 2019 , 131, 2857-2859	3.6	13
308	Synthesis, spectroscopic characterization, thermal, XRD crystal structure, the PLATON structural analysis, and theoretical studies of a new 1,2,4-triazolo-[1,5-a]pyrimidines derivatives. <i>Journal of Molecular Structure</i> , 2019 , 1184, 12-24	3.4	8
307	HSA-interaction studies of uranyl complexes of alkyl substituted isothiosemicarbazone. <i>Journal of Molecular Structure</i> , 2019 , 1193, 53-61	3.4	12
306	Binding Properties and Supramolecular Polymerization of a Water-Soluble Resorcin[4]arene. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1236-1243	5.2	3
305	An inorganic-organic hybrid supramolecular framework based on the [MoO] cluster and cobalt complex of aspartic acid: X-ray structure and DFT study. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 469-477	0.8	9
304	Synthesis, crystal structure, spectroscopic characterization, Hirshfeld surface analysis, molecular docking studies and DFT calculations, and antioxidant activity of 2-oxo-1,2-dihydroquinoline-4-carboxylate derivatives. <i>Journal of Molecular Structure</i> , 2019 , 1188, 255-268	3.4	19
303	Regioselective synthesis of new 5H,10H-dipyrimido[2,1-b:4',5'-d][1,3]thiazine: a combined experimental and computational study. <i>Journal of Sulfur Chemistry</i> , 2019 , 40, 265-276	2.3	3
302	Synthesis, anticancer evaluation in vitro, DFT, Hirshfeld surface analysis of some new 4-(1,3-benzothiazol-2-yl)-3-methyl-1-phenyl-4,5-dihydro-1H-pyrazol-5-one derivatives. <i>Journal of Molecular Structure</i> , 2019 , 1198, 126910	3.4	7
301	Synthesis, structural and molecular characterization of 2,2-diphenyl-2H,3H,5H,6H,7H-imidazo[2,1-b][1,3]thiazin-3-one. <i>Journal of Molecular Structure</i> , 2019 , 1197, 369-376	3.4	28
300	A Simple, Serendipitous Synthesis of Heterohexahelicenes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6534-6538	3.2	1
299	Crystal structure and Hirshfeld surface analysis of a new benzodiazepine derivative: 4-di-chloro-methyl-2,3-di-hydro-1-1,5-benzodiazepin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 33-37	0.7	7

298	Synthesis, crystal structure, DFT calculations and Hirshfeld surface analysis of 2-(1-decyl-2-oxo-indolin-3-yl-idene)propanedi-nitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 21-25	0.7	3
297	Crystal structure and Hirshfeld surface analysis of 3,4-dihydro-2-(2,4-dioxo-6-methylpyran-3-ylidene)-4-(4-pyridin-4-yl)-1,5-benzodiazepine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 94-98	0.7	2
296	Crystal structure and Hirshfeld surface analysis of -{2-[(4-methyl-benzyl-idene)amino]-phen-yl}-2-(5-methyl-1-pyrazol-3-yl)acetamide hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 154-158	0.7	8
295	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of 3-[(2)-2-[(2,4-di-chloro-phen-yl)methyl-idene]-3-oxo-3,4-di-hydro-2-1,4-benzo-thia-zin-4-yl]propane-nitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 721-727	0.7	12
294	Crystal structure and DFT study of benzyl 1-benzyl-2-oxo-1,2-di-hydro-quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 980-983	0.7	4
293	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of 2-chloro-ethyl 2-oxo-1-(prop-2-yn-1-yl)-1,2-di-hydro-quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1411-1417	0.7	2
292	Crystal structure and Hirshfeld surface analysis of -(but-yl)-2-(phenyl-ethyn-yl)imidazo[1,2-]pyridin-3-amine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1564-1567	0.7	2
291	Crystal structures of two charge-transfer complexes of benzo[1,2-:3,4- <i>b</i> :5,6- <i>b'</i>]tri-thio-phen (-BTT). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1573-1577	0.7	2
290	5-[(2-Hydroxyethyl)sulfanyl]methylquinolin-8-ol. <i>IUCrData</i> , 2019 , 4,	0.7	2
289	Crystal structure and Hirshfeld surface analysis of 5-[(5-nitro-1-indazol-1-yl)meth-yl]-3-phenyl-4,5-di-hydro-isoxazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 71-74	0.7	2
288	Crystal structure, Hirshfeld surface analysis and DFT study of (2)-2-(4-fluoro-benzyl-idene)-4-(prop-2-yn-1-yl)-3,4-di-hydro-2-1,4-benzo-thia-zin-3-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 372-377	0.7	5
287	Ethyl 2-(4-benzyl-3-methyl-6-oxo-1,6-dihydropyridazin-1-yl)acetate: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 392-396	0.7	
286	Crystal structure, Hirshfeld surface analysis and DFT study of (2)-2-(2,4-di-chloro-benzyl-idene)-4-[2-(2-oxo-1,3-oxazolidin-3-yl)eth-yl]-3,4-di-hydro-2-1,4-benzo-thia-zin-3-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 593-599	0.7	5
285	Crystal structure and Hirshfeld surface analysis of 3-(4-meth-oxy-phen-yl)-1-methyl-4-phenyl-1-pyrazolo-[3,4-]pyrimidine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 638-641	0.7	0
284	Crystal structure, DFT study and Hirshfeld surface analysis of 1-nonyl-2,3-di-hydro-1-indole-2,3-dione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1140-1144	0.7	1
283	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of 4-[(prop-2-en-1-yl-oxy)meth-yl]-3,6-bis-(pyridin-2-yl)pyridazine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1321-1326	0.7	1
282	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of methyl 4-[3,6-bis-(pyridin-2-yl)pyridazin-4-yl]benzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1672-1678	0.7	
281	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of (2)-4-benzyl-2-(2,4-di-chloro-benzyl-idene)-2-1,4-benzo-thia-zin-3(4)-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1650-1656	0.7	3

280	Crystal structure, computational study and Hirshfeld surface analysis of ethyl (2,3)-3-(3-amino-1-1,2,4-triazol-1-yl)-2-hydroxy-3-phenyl-propano-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1919-1924	0.7	
279	Crystal structure, Hirshfeld surface analysis and inter-action energy and DFT studies of 1-methyl-3-(prop-2-yn-1-yl)-2,3-dihydro-1-1,3-benzodiazol-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1940-1946	0.7	
278	Photocatalytic H-Evolution by Homogeneous Molybdenum Sulfide Clusters Supported by Dithiocarbamate Ligands. <i>Inorganic Chemistry</i> , 2019 , 58, 16458-16474	5.1	7
277	Synthesis, crystal structure, DFT, molecular dynamics simulation and evaluation of the anticorrosion performance of a new pyrazolotriazole derivative. <i>Journal of Molecular Structure</i> , 2019 , 1176, 290-297	3.4	23
276	Novel Co(II) and Cu(II) coordination complexes constructed from pyrazole-acetamide: Effect of hydrogen bonding on the self assembly process and antioxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2019 , 191, 21-28	4.2	30
275	Dodecaphenyltetracene. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2831-2833	16.4	27
274	A theoretical and experimental study of six novel new complexes of alkyl substituted isothiosemicarbazone. <i>Inorganica Chimica Acta</i> , 2019 , 484, 322-331	2.7	5
273	Crystal structure of a palladium(II) complex containing the wide bite-angle bis-(selenium) ligand, -[(BuNH)(Se)P(EN Bu)P(Se)(NH Bu)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 180-183	0.7	
272	in,in-Cyclophanes with Bridgehead Methyl Groups. <i>Organic Letters</i> , 2018 , 20, 2576-2579	6.2	3
271	An Exceptionally Close, Non-Bonded Hydrogen-Hydrogen Contact with Strong Through-Space Spin-Spin Coupling. <i>Angewandte Chemie</i> , 2018 , 130, 2266-2269	3.6	2
270	An Exceptionally Close, Non-Bonded Hydrogen-Hydrogen Contact with Strong Through-Space Spin-Spin Coupling. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2244-2247	16.4	15
269	The 2-(4-Phenyl-1H-1,2,3-triazol-1-yl)ethanol-Based Phosphinite Ligand Ph ₂ POCH ₂ CH ₂ [1,2,3-N ₃ C(Ph)C(H)] [Synthesis, Transition-Metal Complexes, and Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1694-1694	2.3	1
268	The [4 + 4] thermocyclization of 9-anthraldehyde: synthesis, crystal structure, experimental and theoretical UV spectra, natural bonding orbital analysis and prediction of third-order nonlinear optical properties. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 480-486	0.8	
267	Synthesis of 2-substituted-4-methyl-5,13-dihydropyrimido[4,5:5,6][1,4]thiazepino[2,3-b]quinoxaline as a new heterocyclic system. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 545-551	1	2
266	Redox-Active Metallodithiolene Groups Separated by Insulating Tetrakisphosphinobenzene Spacers. <i>Inorganic Chemistry</i> , 2018 , 57, 4023-4038	5.1	10
265	Synthesis, crystal structure, spectroscopic characterization, Hirshfeld surface analysis, and DFT calculations of 1,4-dimethyl-2-oxo-pyrimido[1,2-a]benzimidazole hydrate. <i>Journal of Molecular Structure</i> , 2018 , 1152, 154-162	3.4	9
264	Sterically Demanding Phosphines with 2,6-Dibenzhydryl-4-methylphenyl Core: Synthesis of Ru, Pd, and Pt Complexes, and Structural and Catalytic Studies. <i>Inorganic Chemistry</i> , 2018 , 57, 7468-7480	5.1	18
263	Crystal structure and Hirshfeld surface analysis of ethyl 2-[4-[(3-methyl-2-oxo-1,2-dihydro-quinoxalin-1-yl)methyl]-1-1,2,3-triazol-1-yl]acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1648-1652	0.7	2

262	Crystal structure and Hirshfeld surface analysis of (4)-1-butyl-4-(2-oxo-propylidene)-2,3,4,5-tetra-hydro-1-1,5-benzodiazepin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1669-1673	0.7	7
261	Crystal structure and Hirshfeld surface analysis of 1-[[2-oxo-3-(prop-1-en-2-yl)-2,3-di-hydro-1-1,3-benzo-diazol-1-yl]meth-yl]-3-(prop-1-en-2-yl)-2,3-di-hydro-1-1,3-benzo-diazol-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1746-1750	0.7	1
260	Crystal structure and Hirshfeld surface analysis of 1-[(1-butyl-1-1,2,3-triazol-4-yl)meth-yl]-3-methyl-quinoxalin-2(1)-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1815-1820	0.7	1
259	Crystal structure and Hirshfeld surface analysis of 5-methyl-1,2,4-triazolo[1,5-]pyrimidine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1833-1837	0.7	4
258	Crystal structure and Hirshfeld surface analysis of 1-benzyl-3-(prop-2-yn-1-yl)-2,3-di-hydro-1-1,3-benzo-diazol-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1842-1846	0.7	3
257	Crystal structure, DFT calculations and Hirshfeld surface analysis of 3-(4-methyl-phen-yl)-6-nitro-1-indazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1857-1861	0.7	2
256	3-Benzyl-5,5-diphenylimidazolidine-2,4-dione. <i>IUCrData</i> , 2018 , 3,	0.7	2
255	3-Butyl-5,5-diphenylimidazolidine-2,4-dione. <i>IUCrData</i> , 2018 , 3,	0.7	3
254	3-Hexyl-5,5-diphenylimidazolidine-2,4-dione. <i>IUCrData</i> , 2018 , 3,	0.7	2
253	(Z)-1-(1,3-Diphenyl-1H-pyrazol-4-yl)-N-phenylmethanimineN-oxide. <i>IUCrData</i> , 2018 , 3,	0.7	2
252	Bis(2-formylphenyl) benzene-1,2-dicarboxylate. <i>IUCrData</i> , 2018 , 3,	0.7	1
251	(Pyridin-2-yl)methyl 6-bromo-2-oxo-1-[(pyridin-2-yl)methyl]-1,2-dihydroquinoline-4-carboxylate. <i>IUCrData</i> , 2018 , 3,	0.7	1
250	1-Benzyl-3-methylquinoxalin-2(1H)-one. <i>IUCrData</i> , 2018 , 3,	0.7	12
249	(3R,4Z)-1,3-Diethyl-4-(2-oxopropylidene)-2,3,4,5-tetrahydro-1H-1,5-benzodiazepin-2-one. <i>IUCrData</i> , 2018 , 3,	0.7	1
248	Ethyl 2-(3-oxo-1,2,3,4-tetrahydroquinoxalin-2-yl)acetate. <i>IUCrData</i> , 2018 , 3,	0.7	2
247	Ethyl 2-[(2E)-4-decyl-3-oxo-1,2,3,4-tetrahydroquinoxalin-2-ylidene]acetate. <i>IUCrData</i> , 2018 , 3,	0.7	2
246	2-(3-Methyl-2-oxo-1,2-dihydroquinoxalin-1-yl)acetic acid dihydrate. <i>IUCrData</i> , 2018 , 3,	0.7	5
245	2-Methyl-4-(pyridin-2-yl)-3H-1,5-benzodiazepine. <i>IUCrData</i> , 2018 , 3,	0.7	1

244	Ethyl 2-[2-(4-oxo-4-chromen-2-yl)phenoxy]acetate. <i>IUCrData</i> , 2018 , 3,	0.7	1
243	Ethyl 2-(5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7-yl)pent-4-enoate. <i>IUCrData</i> , 2018 , 3,	0.7	3
242	Ethyl 2-[[2-(2-ethoxy-2-oxoethoxy)quinolin-4-yl]carbonyloxy]acetate. <i>IUCrData</i> , 2018 , 3,	0.7	4
241	N,N-Dimethyl-1H-pyrazolo[3,4-d]pyrimidin-4-amine monohydrate. <i>IUCrData</i> , 2018 , 3,	0.7	1
240	A monoclinic modification of (4Z)-1-benzyl-4-(2-oxopropylidene)-2,3,4,5-tetrahydro-1H-1,5-benzodiazepin-2-one. <i>IUCrData</i> , 2018 , 3,	0.7	1
239	Ethyl 2-(2-oxo-3-phenyl-1,2-dihydroquinoxalin-1-yl)acetate. <i>IUCrData</i> , 2018 , 3,	0.7	4
238	Crystal structures of the hexa-fluorido-phosphate salts of the isomeric 2-, 3- and 4-cyano-1-methyl-pyridinium cations and determination of solid-state inter-action energies. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1322-1329	0.7	
237	The 2-(4-Phenyl-1H-1,2,3-triazol-1-yl)ethanol-Based Phosphinite Ligand Ph ₂ POCH ₂ CH ₂ [1,2,3-N ₃ C(Ph)C(H)] [Synthesis, Transition-Metal Complexes, and Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1707-1714	2.3	5
236	Synthesis, crystal structure, Hirshfeld surface analysis, and DFT calculations of new 1-[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]-6-methoxy-1H-benzimidazol-2(3H)-one. <i>Chemical Data Collections</i> , 2018 , 17-18, 472-482	2.1	10
235	Synthesis and antibacterial activity of new 1,2,3-triazolymethyl-2H-1,4-benzothiazin-3(4H)-one derivatives. <i>Chemistry Central Journal</i> , 2018 , 12, 123		13
234	Surface-grafted lanthanoid complexes of the tungstosilicate polyanion [SiWO]: a synthetic, structural and computational investigation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1300-1309	0.8	14
233	Multiple Isomers of a Small, Strained Phosphaphane. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 5706-5710	3.2	3
232	Potential antidiabetic activity and molecular docking studies of novel synthesized 3,6-dimethyl-5-oxo-pyrido[3,4-f][1,2,4]triazepino[2,3-a]benzimidazole and 10-amino-2-methyl-4-oxo pyrimido[1,2-a]benzimidazole derivatives. <i>Journal of Molecular Modeling</i> , 2018 , 24, 179	2	19
231	Synthesis of New Pyrimido[4,5-e][1,2,4]triazolo[3,4-b][1,3,4]thiadiazine Derivatives via S/N Smiles Rearrangement. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 235-241	1.9	6
230	(Substituted Ylidene)Amino-2-Oxo-Indolylidene Thioureas and Bis(2-Oxo-Indolylidene)Urea from (Ylidene)Thiocarbonohydrazides and Isatylidene Malononitrile. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 959-964	1.9	3
229	The Behavior of (cyclic-alkylidene)hydrazinocarbothioamides in Cyclization with Dimethyl acetylenedicarboxylate. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 2043-2053	1.9	4
228	Convenient one-pot access to novel densely functionalized pyrano[2,3-d][1,3,4]thiadiazolo[3,2-a]pyrimidines via three component reaction. <i>Research on Chemical Intermediates</i> , 2017 , 43, 4683-4696	2.8	1
227	Synthesis, resolution and crystal structures of two enanti-omeric rhodamine derivatives. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 327-333	0.7	1

226	Effect of solvents in mixed-ligand supramolecular self-assembly architectures. <i>Polyhedron</i> , 2017 , 134, 41-49	2.7	6
225	Synthesis, X-ray and Fluorescence Characteristics of Pyrimido[5,4-e]thiazolo[3,2-a]pyrimidine as a Novel Heterocyclic System. <i>Journal of Fluorescence</i> , 2017 , 27, 1183-1190	2.4	4
224	Hydrazone derivatives appended to diphenylphosphine oxide as anion sensors. <i>Journal of Chemical Sciences</i> , 2017 , 129, 471-481	1.8	3
223	Synthesis, single crystal X-ray characterization, and solution studies of Zn(II)-, Cu(II)-, Ag(I)- and Ni(II)-pyridine-2,6-dipicolinate N-oxide complexes with different topologies and coordination modes. <i>Inorganica Chimica Acta</i> , 2017 , 458, 84-96	2.7	10
222	Structure and characterization of charge transfer complexes of benzo[1,2-b:3,4-b':5,6-b'']trithiophene [C3h-BTT]. <i>CrystEngComm</i> , 2017 , 19, 6355-6364	3.3	9
221	Macrocyclic cyclodiphosphazane ($\{P(\mu\text{-}hbox\{BuN\})\}_2(hbox\{O\})\text{-}m\text{-}hbox\{C\}_6hbox\{H\}_4hbox\{CHNCH\}_2\}_2\}_2$): synthesis of chalcogen derivatives and gold(I) complex. <i>Journal of Chemical Sciences</i> , 2017 , 129, 1531-1537	1.8	0
220	Synthesis and structure elucidation of novel salophen-based dioxo-uranium(VI) complexes: In-vitro and in-silico studies of their DNA/BSA-binding properties and anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2017 , 140, 172-186	6.8	19
219	Chiral Polyaryl Cyclophanes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4194-4200	3.2	3
218	Palladium-catalyzed regioselective direct C H arylation of pyrazolo[3,4-d]pyrimidines. <i>Comptes Rendus Chimie</i> , 2017 , 20, 927-933	2.7	6
217	Expanding the Scope of Ligand Substitution from [M(SCPh)] (M = Ni, Pd, Pt) To Afford New Heteroleptic Dithiolene Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 10257-10267	5.1	9
216	Crystal structure of unsymmetrical β -di-imine palladium(II) complex $-\{ArN=C(Me)-(Et)C=NAr\}PdCl$ [Ar = 2,6-(iPr)CH]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1148-1150	0.7	1
215	Crystal structures of three sterically congested disilanes. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 448-452	0.7	1
214	1-Ethyl-4-phenyl-1,5-benzodiazepine-2-thione. <i>IUCrData</i> , 2017 , 2,	0.7	1
213	3-Phenylisoxazolin-5-one: a redetermination. <i>IUCrData</i> , 2017 , 2,	0.7	1
212	Ethyl 2-(2,5-dioxo-4,4-diphenylimidazolidin-1-yl)acetate. <i>IUCrData</i> , 2017 , 2,	0.7	10
211	Dichlorido{2-[(5-methyl-1H-pyrazol-3-yl- η 2)methyl]-1H-1,3-benzimidazole- η 3}zinc. <i>IUCrData</i> , 2017 , 2,	0.7	2
210	3-Hydroxy-3-(2-oxo-2,3-dihydro-1H-indol-3-yl)-2,3-dihydro-1H-indol-2-one. <i>IUCrData</i> , 2017 , 2,	0.7	1
209	trans-Bis(N-{2-[2-(3-methyl-1H-pyrazol-5-yl- η 2)acetamido- η]phenyl}benzamide)bis(perchlorato- η)copper(II). <i>IUCrData</i> , 2017 , 2,	0.7	2

208	1-[[3-(Thiophen-2-yl)-4,5-dihydro-1,2-oxazol-5-yl]methyl]-2,3-dihydro-1H-indole-2,3-dione. <i>IUCrData</i> , 2017 , 2,	0.7	2
207	7-Acetyl-8-(4-chlorophenyl)-3-ethylsulfanyl-6-hydroxy-1,6-dimethyl-5,6,7,8-tetrahydroisoquinoline-4-carbonitrile. <i>IUCrData</i> , 2017 , 2,	0.7	2
206	3-Chloro-2-ethyl-6-nitro-2H-indazole. <i>IUCrData</i> , 2017 , 2,	0.7	2
205	1-[[1-[[[(1S,2R,6R,8R,9S)-4,4,11,11-Tetramethyl-3,5,7,10,12-pentaoxatricyclo[7.3.0.0 ^{2,6}]dodecan-8-yl]methyl]-1H-1,2,3-t	0.7	1
204	(E)-N-[(Anthracen-9-yl)methylidene]hydroxylamine. <i>IUCrData</i> , 2017 , 2,	0.7	2
203	2-(1-Hexyl-2-oxo-2,3-dihydro-1H-indol-3-ylidene)propanedinitrile. <i>IUCrData</i> , 2017 , 2,	0.7	3
202	Methyl 2-[[[(6S*,7R*,8S*)-7-acetyl-8-(4-chlorophenyl)-4-cyano-6-hydroxy-1,6-dimethyl-5,6,7,8-tetrahydroisoquinolin-3-yl]sulfanyl]o	0.7	1
201	3-[2-(5-Oxo-4,4-diphenyl-2-sulfanylideneimidazolidin-1-yl)ethyl]-1,3-oxazolidin-2-one. <i>IUCrData</i> , 2017 , 2,	0.7	6
200	Ethyl 2-allyl-2-(5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7-yl)pent-4-enoate. <i>IUCrData</i> , 2017 , 2,	0.7	1
199	2-[3-[2-(2-Chlorophenyl)ethyl]-2-oxo-1,2-dihydroquinoxalin-1-yl]acetohydrazide. <i>IUCrData</i> , 2017 , 2,	0.7	7
198	3-Methyl-5,5-diphenylimidazolidine-2,4-dione. <i>IUCrData</i> , 2017 , 2,	0.7	5
197	2-[(Prop-2-yn-1-yl)amino]anilinium chloride. <i>IUCrData</i> , 2017 , 2,	0.7	1
196	3-Ethyl-5,5-diphenylimidazolidine-2,4-dione. <i>IUCrData</i> , 2017 , 2,	0.7	8
195	3-n-Pentyl-5,5-diphenylimidazolidine-2,4-dione. <i>IUCrData</i> , 2017 , 2,	0.7	5
194	5,5-Diphenyl-3-propylimidazolidine-2,4-dione. <i>IUCrData</i> , 2017 , 2,	0.7	4
193	Ethyl 2-[(3-methylquinoxalin-2-yl)sulfanyl]acetate. <i>IUCrData</i> , 2017 , 2,	0.7	7
192	N-{2-[2-(5-Methyl-1H-pyrazol-3-yl)acetamido]phenyl}benzamide monohydrate. <i>IUCrData</i> , 2017 , 2,	0.7	1
191	4-Methyl-3,4-dihydro-2H-1,4-benzothiazin-3-one. <i>IUCrData</i> , 2017 , 2,	0.7	1

190	3-Chloro-6-nitro-1-[(1-octyl-1H-1,2,3-triazol-4-yl)methyl]-1H-indazole. <i>IUCrData</i> , 2017 , 2,	0.7	1
189	Ethyl 2-(6-nitro-1H-indazol-1-yl)acetate. <i>IUCrData</i> , 2017 , 2,	0.7	1
188	(4Z)-4-(2-Oxopropylidene)-1,3-bis(prop-2-en-1-yl)-2,3,4,5-tetrahydro-1H-1,5-benzodiazepin-2-one. <i>IUCrData</i> , 2017 , 2,	0.7	1
187	(2Z)-2-Benzylidene-4-octadecyl-3,4-dihydro-2H-1,4-benzothiazin-3-one. <i>IUCrData</i> , 2017 , 2,	0.7	1
186	(2Z)-2-(4-Chlorobenzylidene)-4-[2-(2-oxooxazoliden-3-yl)ethyl]-3,4-dihydro-2H-1,4-benzothiazin-3-one. <i>IUCrData</i> , 2017 , 2,	0.7	1
185	1-(3-Bromo-6-nitro-1H-indazol-1-yl)ethan-1-one. <i>IUCrData</i> , 2017 , 2,	0.7	1
184	1-Chloro-3-(6-nitro-1H-indazol-1-yl)propan-2-ol. <i>IUCrData</i> , 2017 , 2,	0.7	1
183	1-(6-Nitro-1H-indazol-1-yl)ethanone. <i>IUCrData</i> , 2017 , 2,	0.7	1
182	(4Z)-4-(2-Oxopropylidene)-2,3,4,5-tetrahydro-1H-1,5-benzodiazepin-2-one. <i>IUCrData</i> , 2017 , 2,	0.7	2
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180	Synthesis and Structures of [LCu(I)(SSi(i)Pr ₃)] (L = triphos, carbene) and Related Compounds. <i>Inorganic Chemistry</i> , 2016 , 55, 9173-7	5.1	9
179	Efficient One-Pot Three-Component Synthesis of Novel Spiro(Indoline-3,7?-Thiazolo[3,2-a]Pyrimidine) Derivatives. <i>Journal of Chemical Research</i> , 2016 , 40, 471-474 ^{9,6}		3
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177	On the importance of tetrel bonding interactions in lead(II) complexes with (iso)nicotinohydrazide based ligands and several anions. <i>Dalton Transactions</i> , 2016 , 45, 10708-16	4.3	60
176	A Straightforward Approach for the Synthesis of Novel Derivatives of Benzo[b]pyrazolo[5?,1?:2,3]pyrimido[4,5-e][1,4]thiazine. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 1231-1235 ^{1,9,10}		
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172	Facile and convenient synthesis of 2,4-disubstituted and 2,3,4-trisubstituted 1,3-thiazoles. <i>Journal of Sulfur Chemistry</i> , 2016 , 37, 162-175	2.3	10
171	Synthesis, Characterization and Fluorescence Properties of Zn(II) and Cu(II) Complexes: DNA Binding Study of Zn(II) Complex. <i>Journal of Fluorescence</i> , 2016 , 26, 333-44	2.4	5
170	Crystal structure of ethyl 3-amino-6-methyl-2-[(4-methyl-phen-yl)carbamo-yl]-4-[(E)-2-phenyl-ethen-yl]thieno[2,3-b]pyridine-5-carboxyl-ate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 297-9	0.7	2
169	1-Ethyl-5-nitro-1H-indazole. <i>IUCrData</i> , 2016 , 1,	0.7	2
168	4-Benzyl-2-(4-chlorobenzylidene)-3,4-dihydro-2H-1,4-benzothiazin-3(4H)-one. <i>IUCrData</i> , 2016 , 1,	0.7	2
167	2-Oxo-1,2-dihydroquinoline-4-carboxylic acid monohydrate. <i>IUCrData</i> , 2016 , 1,	0.7	5
166	Ethyl (2E)-3-dimethylamino-2-(5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7-yl)prop-2-enoate. <i>IUCrData</i> , 2016 , 1,	0.7	3
165	5-Nitro-1-(prop-2-yn-1-yl)-1H-indazole. <i>IUCrData</i> , 2016 , 1,	0.7	1
164	1-Benzyl-5-nitro-1H-indazole. <i>IUCrData</i> , 2016 , 1,	0.7	3
163	2-(2-Amino-5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7-yl)acetohydrazide monohydrate. <i>IUCrData</i> , 2016 , 1,	0.7	1
162	1-(5-Nitro-1H-indazol-1-yl)ethanone. <i>IUCrData</i> , 2016 , 1,	0.7	1
161	Cyclohexane-1,4-diammonium dithiocyanate. <i>IUCrData</i> , 2016 , 1,	0.7	1
160	2-[(2Z)-2-Benzylidene-3-oxo-3,4-dihydro-2H-1,4-benzothiazin-4-yl]acetic acid. <i>IUCrData</i> , 2016 , 1,	0.7	1
159	(E)-N ² -Benzylidene-2-phenylquinoline-4-carbohydrazide. <i>IUCrData</i> , 2016 , 1,	0.7	1
158	3-[2-(9H-Carbazol-9-yl)ethyl]-4-phenyl-1H-1,2,4-triazole-5(4H)-thione dimethyl sulfoxide monosolvate. <i>IUCrData</i> , 2016 , 1,	0.7	1
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156	(2Z)-2-Benzylidene-4-[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]-3,4-dihydro-2H-1,4-benzothiazin-3-one. <i>IUCrData</i> , 2016 , 1,	0.7	1
155	(E)-4-Methoxy-3,5-dimethyl-2-[(3-nitrophenyl)ethenyl]pyridine. <i>IUCrData</i> , 2016 , 1,	0.7	1

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135	Crystal structure of 4-amino-3-(3-methyl-5-phenyl-1H-pyrazol-1-yl)-1H-1,2,4-triazole-5(4H)-thione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o417	0.7	0
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127	Crystal structure of ethyl 2-[2-[(1Z)-1-hy-droxy-3-(4-nitro-phen-yl)-3-oxoprop-1-en-1-yl]phen-oxy]acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o917-8	0.7	1
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122	The Hairpin Furans: Easily Prepared Hybrids of Helicenes and Twisted Acenes. <i>Angewandte Chemie</i> , 2015 , 127, 14163-14166	3.6	5
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120	Crystal structure of 1-(cyclo-pentyl-idene-amino)-3-(prop-2-en-1-yl)thio-urea. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o924-5	0.7	
119	Crystal structure of 4-[(E)-(4-hy-droxy-benzyl-idene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o947-8	0.7	

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113	Crystal structure of 2-(5-bromo-2-hydroxy-benzyl-idene)-2,3-di-hydro-1H-indene-1,3-dione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o324-5	0.7	
112	Crystal structure of ethyl 4-(2-methoxy-phen-yl)-6-methyl-2-sulfanyl-idene-1,2,3,4-tetra-hydro-pyrimidine-5-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o444-5	0.7	
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106	Crystal structure of (4-methoxy-phen-yl)[(4-methoxy-phen-yl)phosphonate]dioxidophosphate(1-)-2-amino-6-benzyl-3-ethoxy-carbon-yl-4,5,6,7-tetra-hydro-thieno[2,3-c]pyridin-6-ium. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o997-8	0.7	1
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95	3,6-Di-chloro-9-(prop-2-yn-1-yl)-9H-carbazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o27		
94	Bis(2-amino-5-benzyl-3-eth-oxy-carbonyl-4,5,6,7-tetra-hydro-thieno[3,2-c]pyridin-5-ium) bis-(4-meth-oxy-phen-yl)di-phos-phon-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o348-9		
93	4-Phenyl-1,2,4-tri-aza-spiro-[4.4]non-1-ene-3-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o433-4		1
92	2-((1E)-1-{2-[(2Z)-3,4-Diphenyl-2,3-di-hydro-1,3-thia-zol-2-yl-idene]hydrazin-1-yl-idene}eth-yl)pyridin-1-ium bromide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o478-9		4
91	3,4,6-Tri-amino-N-phenyl-thieno[2,3-b]pyridine-2-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o805		
90	3-Cyano-N-methylpyridinium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o811		2
89	Crystal structure of 4-((1E)-1-{(2Z)-2-[4-(4-bromo-phen-yl)-3-phenyl-2,3-di-hydro-1,3-thia-zol-2-yl-idene]hydrazin-1-yl-idene}eth-yl)phenol hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1124-5		
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87	1-Acetyl-5-meth-oxy-4-(phenyl-sulfan-yl)imidazolidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o145-6		
86	2-Meth-oxy-4,6-di-phenyl-nicotino-nitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o228		2
85	N-(12-Amino-9,10-di-hydro-9,10-ethano-anthracen-11-yl)-4-methyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o248-9		1
84	3-Amino-5,5-di-phenyl-imidazolidine-2,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o262-3		1
83	4-[(1,3-Dioxoisindolin-2-yl)meth-yl]benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o291-2		1

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- 78 Methyl 2-[(2Z,5Z)-4-oxo-3-phenyl-2-{2-[(1E)-1,2,3,4-tetra-hydro-naphthalen-1-yl-idene]hydrazin-1-yl-idene}-1,3-thia-zolidin-5-yl-idene]acetate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o436-7
- 77 1-[(Z)-Cyclo-pentyl-idene]amino]-3-phenyl-thio-urea. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o515 4
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63	Crystal structure of N-[4-amino-5-cyano-6-(methyl-sulfanyl)pyridin-2-yl]-2-(cyclo-hexyl-sulfanyl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1031-2		
62	Crystal structure of 3-methyl-1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-4-carbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1131-2		
61	Crystal structure of 2-[12-methyl-14-phenyl-10,13,14,16-tetra-aza-tetra-cyclo[7.7.0.0(2,7).0(11,15)]hexa-deca-1(16),2,4,6,9,11(15),12-hepta-		
60	Crystal structure of ethyl (2Z)-2-cyano-3-[(3-methyl-1-phenyl-1H-pyrazol-5-yl)amino]-prop-2-enoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1214-5		
59	Crystal structure of (E)-N-[[3-methyl-1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazol-4-yl]methyl-idene]hydroxyl-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1216-7		
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53	4-Cyano-1-methyl-pyridinium nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o981-2		3
52	2,2N[(1,3,4-Thia-diazole-2,5-di-yl)bis-(sulfanedi-yl)]diaceto-nitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1855		1
51	NN[(E)-Benzyl-idene]-2-(6-meth-oxy-naphthalen-2-yl)propano-hydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1614		1
50	2-Cyano-1-methyl-pyridinium iodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1281		6
49	(1Z,2E)-1-(3,4-Diphenyl-2,3-di-hydro-1,3-thia-zol-2-yl-idene)-2-(1-p-tolyl-ethyl-idene)hydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1324		4
48	Methyl (2Z)-((2Z)-2-((2E)-[1-(4-methyl-phen-yl)ethyl-idene]hydrazinyl-idene)-4-oxo-3-phenyl-1,3-thia-zolidin-5-yl-idene)ethano-at-		
47	Dimethyl (2Z)-2-[4-((1Z)-1-{2-[(2Z,5Z)-5-(2-meth-oxy-2-oxo-ethyl-idene)-4-oxo-3-phenyl-1,3-thia-zolidin-2-yl-idene]hydra-zin-1-yl-ic-		

46	2-(5-Meth-oxy-2-methyl-1H-indol-3-yl)-NN[(1E,2E)-3-phenyl-prop-2-en-1-yl-idene]acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1493		0
45	NN[(E)-4-Meth-oxy-benzyl-idene]-2-(5-meth-oxy-2-methyl-1H-indol-3-yl)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1660-1		0
44	4-Cyano-1-methyl-pyridinium bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2409		4
43	2-Cyano-1-methyl-pyridinium nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1653		6
42	4-Cyano-1-methyl-pyridinium iodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2514		5
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38	Synthesis of a tert-butyl substituted bis(silirane) and comparison with its methyl and phenyl analogs. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1957-1963	2.3	12
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32	Monoclinic form of 1,2,4,5-tetra-cyclo-hexyl-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o375		3
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