

Krzysztof Woźniak

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228 papers	3,478 citations	30 h-index	46 g-index
264 ext. papers	3,913 ext. citations	3.9 avg, IF	5.33 L-index

#	Paper	IF	Citations
228	Hydrogen atoms can be located accurately and precisely by x-ray crystallography. <i>Science Advances</i> , 2016 , 2, e1600192	14.3	147
227	From weak interactions to covalent bonds: a continuum in the complexes of 1,8-bis(dimethylamino)naphthalene. <i>Journal of the American Chemical Society</i> , 2003 , 125, 4259-70	16.4	129
226	Towards the best model for H atoms in experimental charge-density refinement. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009 , 65, 300-11		80
225	A dormant ruthenium catalyst bearing a chelating carboxylate ligand: in situ activation and application in metathesis reactions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7206-9	16.4	79
224	Studies on electronic effects in O-, N- and S-chelated ruthenium olefin-metathesis catalysts. <i>Chemistry - A European Journal</i> , 2010 , 16, 8726-37	4.8	78
223	An electrochemically controlled molecular shuttle. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1668-72	16.4	76
222	Probing of the Ligand Anatomy: Effects of the Chelating Alkoxy Ligand Modifications on the Structure and Catalytic Activity of Ruthenium Carbene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 193-203	5.6	75
221	The doping effect of fluorinated aromatic solvents on the rate of ruthenium-catalysed olefin metathesis. <i>Chemistry - A European Journal</i> , 2011 , 17, 12981-93	4.8	74
220	Charge Density Distribution in the Proton Sponge Compound 1,8-Bis(dimethylamino)naphthalene. <i>Journal of the American Chemical Society</i> , 1999 , 121, 4640-4646	16.4	73
219	Continua of interactions between pairs of atoms in molecular crystals. <i>Chemistry - A European Journal</i> , 2006 , 12, 1941-9	4.8	69
218	Novel [2]catenane structures introducing communication between transition metal centers via pi...pi interactions. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9356-66	16.4	67
217	Latent Thermo-Switchable Olefin Metathesis Initiators Bearing a Pyridyl-Functionalized Chelating Carbene: Influence of the Leaving Group's Rigidity on the Catalyst's Performance. <i>Organometallics</i> , 2010 , 29, 117-124	3.8	55
216	Is the Hoveyda-Grubbs complex a vinylogous Fischer-type carbene? Aromaticity-controlled activity of ruthenium metathesis catalysts. <i>Chemistry - A European Journal</i> , 2008 , 14, 9330-7	4.8	55
215	Batchwise and continuous nanofiltration of POSS-tagged Grubbs-Hoveyda-type olefin metathesis catalysts. <i>ChemSusChem</i> , 2013 , 6, 182-92	8.3	53
214	From a Single Molecule to Molecular Crystal Architectures: Structural and Energetic Studies of Selected Uracil Derivatives. <i>Crystal Growth and Design</i> , 2012 , 12, 2508-2524	3.5	53
213	Structural and Energetic Landscape of Fluorinated 1,4-Phenylenediboronic Acids. <i>Crystal Growth and Design</i> , 2012 , 12, 3720-3734	3.5	51
212	Tetraimine macrocyclic transition metal complexes as building blocks for molecular devices. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 1637-1660	23.2	48

211	Hirshfeld atom refinement for modelling strong hydrogen bonds. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014 , 70, 483-98	1.7	47
210	Statistical analysis of multipole-model-derived structural parameters and charge-density properties from high-resolution X-ray diffraction experiments. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014 , 70, 72-91	1.7	43
209	Inorganic-organic hybrid salts of diaminobenzenes and related cations. <i>CrystEngComm</i> , 2008 , 10, 577	3.3	42
208	Synthesis, Structure, and Catalytic Activity of New Ruthenium(II) Indenylidene Complexes Bearing Unsymmetrical N-Heterocyclic Carbenes. <i>Organometallics</i> , 2014 , 33, 2160-2171	3.8	38
207	Synthesis, Structure, and Polymerization Activity of Cyclopentadienylnickel(II) N-Heterocyclic Carbene Complexes: Selective Cross-Metathesis in Metal Coordination Spheres. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 648-656	2.3	37
206	New Ruthenium(II) Indenylidene Complexes Bearing Unsymmetrical N-Heterocyclic Carbenes. <i>Organometallics</i> , 2012 , 31, 7316-7319	3.8	36
205	Validation of X-ray Wavefunction Refinement. <i>ChemPhysChem</i> , 2017 , 18, 3334-3351	3.2	34
204	Stable ruthenium indenylidene complexes with a sterically reduced NHC ligand. <i>Chemical Communications</i> , 2013 , 49, 3188-90	5.8	33
203	Charge Density Studies of Weak Interactions in Dipicrylamine. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 6897-6903	2.8	33
202	Combined Experimental and Computational Studies of Pyrazinamide and Nicotinamide in the Context of Crystal Engineering and Thermodynamics. <i>Crystal Growth and Design</i> , 2014 , 14, 3453-3465	3.5	32
201	Experimental charge-density study of paracetamol--multipole refinement in the presence of a disordered methyl group. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009 , 65, 490-500		32
200	Nanotubular Hydrogen-Bonded Organic Framework Architecture of 1,2-Phenylenediboronic Acid Hosting Ice Clusters. <i>Crystal Growth and Design</i> , 2013 , 13, 4181-4185	3.5	30
199	Specialized Ruthenium Olefin Metathesis Catalysts Bearing Bulky Unsymmetrical NHC Ligands: Computations, Synthesis, and Application. <i>ACS Catalysis</i> , 2019 , 9, 587-598	13.1	30
198	Hoveyda-Grubbs-Type Precatalysts with Unsymmetrical N-Heterocyclic Carbenes as Effective Catalysts in Olefin Metathesis. <i>Organometallics</i> , 2017 , 36, 2153-2166	3.8	29
197	Yes, one can obtain better quality structures from routine X-ray data collection. <i>IUCrJ</i> , 2016 , 3, 61-70	4.7	29
196	Solvatomorphism of 2-(4-Fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole Chloride. <i>Crystal Growth and Design</i> , 2010 , 10, 3480-3488	3.5	29
195	Tuning of the colour and chemical stability of model boranils: a strong effect of structural modifications. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3268-79	3.9	28
194	New air-stable ruthenium olefin metathesis precatalysts derived from bisphenol S. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5289-5297	2.3	28

193	Mechanistic studies of Hoveyda-Grubbs metathesis catalysts bearing S-, Br-, I-, and N-coordinating naphthalene ligands. <i>Chemistry - A European Journal</i> , 2014 , 20, 2819-28	4.8	27
192	On polymorphism of 2-(4-fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole (FABT) DMSO solvates. <i>CrystEngComm</i> , 2013 , 15, 1978	3.3	27
191	A new class of pyrenyl solid-state emitters: 1-pyrenyl ynones. Synthesis via the Friedel-Crafts route, molecular and electronic structure and photophysical properties. <i>RSC Advances</i> , 2014 , 4, 31594-31601	3.7	25
190	3-Bromopyridine As a Sixth Ligand in Sulfoxide-Based Hoveyda Complexes: A Study on Catalytic Properties. <i>Organometallics</i> , 2013 , 32, 2192-2198	3.8	25
189	Fine-tuning of properties of bismacrocylic dinuclear cyclidene receptors by N-methylation. <i>Chemistry - A European Journal</i> , 2006 , 12, 2967-81	4.8	25
188	Luminescent fac-[Re(CO) ₃ (phen)] carboxylato complexes with non-steroidal anti-inflammatory drugs: synthesis and mechanistic insights into the in vitro anticancer activity of fac-[Re(CO) ₃ (phen)(aspirin)]. <i>New Journal of Chemistry</i> , 2019 , 43, 573-583	3.6	24
187	Synthesis and characterization of 12-pyridinium derivatives of the [closo-1-CB11H ₁₂] ⁻ anion. <i>Inorganic Chemistry</i> , 2014 , 53, 12617-26	5.1	24
186	Sunitinib: from charge-density studies to interaction with proteins. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 1257-70		24
185	Ruthenium-amido complexes: synthesis, structure, and catalytic activity in olefin metathesis. <i>Chemistry - A European Journal</i> , 2012 , 18, 6465-9	4.8	24
184	A Dormant Ruthenium Catalyst Bearing a Chelating Carboxylate Ligand: In Situ Activation and Application in Metathesis Reactions. <i>Angewandte Chemie</i> , 2007 , 119, 7344-7347	3.6	24
183	Heteroleptic (2-fluoro-3-pyridyl)arylboronic 8-oxyquinolates for the potential application in organic light-emitting devices. <i>Inorganic Chemistry</i> , 2013 , 52, 10846-59	5.1	23
182	Controlled Crystallization, Structure, and Molecular Properties of Iodoacetylamphtericin B. <i>Crystal Growth and Design</i> , 2012 , 12, 2336-2345	3.5	23
181	Differences in Charge Density Distribution and Stability of Two Polymorphs of Benzidine Dihydrochloride. <i>Crystal Growth and Design</i> , 2012 , 12, 3526-3539	3.5	23
180	On the nature of the B...N interaction and the conformational flexibility of arylboronic azaesters. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 13126-36	3.6	22
179	Neutral Ni(II) and Cu(II) complexes of tetraazatetraenemacrocycles. <i>Journal of Physical Organic Chemistry</i> , 2001 , 14, 63-73	2.1	22
178	ESCA Studies of Yttrium Orthoaluminum Perovskites. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 3332-3336	3.4	22
177	Conformational Flexibility of Hoveyda-Type and Grubbs-Type Complexes Bearing Acyclic Carbenes and Its Impact on Their Catalytic Properties. <i>Organometallics</i> , 2015 , 34, 563-570	3.8	21
176	Thermal Switchability of N-Chelating Hoveyda-type Catalyst Containing a Secondary Amine Ligand. <i>Organometallics</i> , 2012 , 31, 462-469	3.8	21

175	Structures of hybrid inorganic-organic salts with benzidine dication derivatives. <i>CrystEngComm</i> , 2008 , 10, 525	3.3	21
174	Rational and Then Serendipitous Formation of Aza Analogues of Hoveyda-Type Catalysts Containing a Chelating Ester Group Leading to a Polymerization Catalyst Family. <i>ACS Catalysis</i> , 2017 , 7, 4115-4121	13.1	20
173	Synthesis and crystallographic study of 1,25-dihydroxyergocalciferol analogs. <i>Steroids</i> , 2013 , 78, 1003-1428	4.8	19
172	Basis set dependence, precision, and accuracy of full ab initio gradient optimizations of molecular structures of nonstrained hydrocarbons. I. CC bond lengths. <i>Journal of Computational Chemistry</i> , 1989 , 10, 329-343	3.5	19
171	Ruthenium Complexes Bearing Thiophene-Based Unsymmetrical N-Heterocyclic Carbene Ligands as Selective Catalysts for Olefin Metathesis in Toluene and Environmentally Friendly 2-Methyltetrahydrofuran. <i>Chemistry - A European Journal</i> , 2018 , 24, 15372-15379	4.8	19
170	Substituent and Solvent Effects on Intermolecular Interactions in Crystals of N-Acylhydrazone Derivatives: Single-Crystal X-ray, Solid-State NMR, and Computational Studies. <i>Crystal Growth and Design</i> , 2014 , 14, 2263-2281	3.5	18
169	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. <i>Molecules</i> , 2017 , 22,	4.8	18
168	Design, Synthesis, and Antibacterial Assessment of Silver(I)-Based Coordination Polymers with Variable Counterions and Unprecedented Structures by the Tuning Spacer Length and Binding Mode of Flexible Bis(imidazole-2-thiones) Ligands. <i>Crystal Growth and Design</i> , 2017 , 17, 5249-5262	3.5	17
167	Efficient synthesis of pyrene-1-carbothioamides and carboxamides. Tunable solid-state fluorescence of pyrene-1-carboxamides. <i>RSC Advances</i> , 2014 , 4, 56003-56012	3.7	17
166	Tuning the Properties of Neutral Tetraazamacrocyclic Complexes of Copper(II) and Nickel(II) for Use as Host-Guest Compounds with Bismacrocyclic Transition Metal Cations. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 172-185	2.3	17
165	X-ray diffraction and ¹³ C solid-state NMR studies of the solvate of tetra(C-undecyl)calix[4]resorcinarene with dimethylacetamide. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 2387-2391	3.6	17
164	The [closo-B ₁₂ H ₁₁ -1-IAr] [±] zwitterion as a precursor to monosubstituted derivatives of [closo-B ₁₂ H ₁₂] ^{2±} . <i>Journal of Organometallic Chemistry</i> , 2015 , 798, 70-79	2.3	16
163	Efficient 8-oxyquinolinato emitters based on a 9,10-dihydro-9,10-diboraanthracene scaffold for applications in optoelectronic devices. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1354-1364	7.1	16
162	Superbasic properties of the S _N functional group. <i>Journal of Physical Organic Chemistry</i> , 2002 , 15, 706-711	4.1	16
161	Influence of Fluorination and Boronic Group Synergy on the Acidity and Structural Behavior of o-Phenylenediboronic Acids. <i>Organometallics</i> , 2014 , 33, 1608-1616	3.8	15
160	Structure and spectroscopic properties of (AA ⁺)(BB ⁺)O ₃ mixed-perovskite crystals. <i>Journal of Materials Research</i> , 2005 , 20, 3329-3337	2.5	15
159	Nitrenium ions and trivalent boron ligands as analogues of N-heterocyclic carbenes in olefin metathesis: a computational study. <i>Dalton Transactions</i> , 2015 , 44, 20021-6	4.3	14
158	Hoveyda-Grubbs catalyst analogues bearing the derivatives of N-phenylpyrrol in the carbene ligand - structure, stability, activity and unique ruthenium-phenyl interactions. <i>Dalton Transactions</i> , 2017 , 46, 11790-11799	4.3	14

- 157 Structural and Energetic Analysis of Molecular Assemblies in a Series of Nicotinamide and Pyrazinamide Cocrystals with Dihydroxybenzoic Acids. *Crystal Growth and Design*, **2017**, 17, 4918-4931 3.5 14
- 156 Synthesis of functionalized diarylboronic 8-oxyquinolates via bimetallic boron–lithium intermediates. *Journal of Organometallic Chemistry*, **2012**, 711, 1-9 2.3 14
- 155 On the Directing Effect of Boronate Groups in the Lithiation of Boronated Thiophenes. *European Journal of Organic Chemistry*, **2012**, 2012, 2208-2218 3.2 14
- 154 An experimental charge density of HEPES. *Acta Crystallographica Section B: Structural Science*, **2010**, 66, 482-92 14
- 153 From Proton Disorder to Proton Migration: A Continuum in the Hydrogen Bond of a Proton Sponge in the Solid State. *Crystal Growth and Design*, **2007**, 7, 1393-1398 3.5 14
- 152 Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. *Dalton Transactions*, **2020**, 49, 1403-1415 4.3 14
- 151 Azoliniums, Adducts, NHCs and Azomethine Ylides: Divergence in Wanzlick Equilibrium and Olefin Metathesis Catalyst Formation. *Chemistry - A European Journal*, **2018**, 24, 4785-4789 4.8 13
- 150 Catalytic and Structural Studies of Hoveyda–Trubbs Type Pre-Catalysts Bearing Modified Ether Ligands. *Advanced Synthesis and Catalysis*, **2012**, 354, 2734-2742 5.6 13
- 149 Synthesis and Transformations of Functionalized Benzosiloxaboroles. *European Journal of Organic Chemistry*, **2017**, 2017, 818-826 3.2 12
- 148 Nitrogen-boron coordination versus OH– hydrogen bonding in pyridoxaboroles - aza analogues of benzoxaboroles. *Dalton Transactions*, **2015**, 44, 16534-46 4.3 12
- 147 Novel (S)-1,3,4,12a-tetrahydropyrazino[2,1-c][1,4]benzodiazepine-6,12(2H,11H)-dione derivatives: Selective inhibition of MV-4-11 biphenotypic B myelomonocytic leukemia cells' growth is accompanied by reactive oxygen species overproduction and apoptosis. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 618-625 2.9 12
- 146 Regioselective Functionalization of the [closo-1-CBH] Anion through Iodonium Zwitterions. *Inorganic Chemistry*, **2018**, 57, 10442-10456 5.1 12
- 145 Competition between hydrogen and halogen bonding in the structures of 5,10-dihydroxy-5,10-dihydroboranthrenes. *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*, **2014**, 70, 157-71 1.8 12
- 144 Hybrid Triazine-Boron Two-Dimensional Covalent Organic Frameworks: Synthesis, Characterization, and DFT Approach to Layer Interaction Energies. *ACS Applied Materials & Interfaces*, **2017**, 9, 31129-31141 9.5 12
- 143 X-ray Diffraction and ¹³C Solid-State NMR Studies of the Dimethylformamide Solvate of Tetra(C-undecyl)calix[4]resorcinarene. *Journal of Physical Chemistry B*, **2000**, 104, 1921-1926 3.4 12
- 142 On the accuracy and precision of X-ray and neutron diffraction results as a function of resolution and the electron density model. *IUCr*, **2020**, 7, 920-933 4.7 12
- 141 Synthesis and catalytic activity of ruthenium indenylidene complexes bearing unsymmetrical NHC containing a heteroaromatic moiety. *RSC Advances*, **2016**, 6, 77013-77019 3.7 12
- 140 Synthesis, Structural Characterization and Catalytic Activities of Sulfur-Functionalized NHC–Copper(I) Complexes. *European Journal of Organic Chemistry*, **2017**, 2017, 4074-4084 3.2 11

139	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Xeno-nucleic Acids. <i>ChemPlusChem</i> , 2018 , 83, 77-86	2.8	11
138	Structural, Biochemical, and Evolutionary Characterizations of Glyoxylate/Hydroxypyruvate Reductases Show Their Division into Two Distinct Subfamilies. <i>Biochemistry</i> , 2018 , 57, 963-977	3.2	11
137	Isomeric and Isostructural Oligothiethylsilanes Structurally Similar, Physicochemically Different: The Effect of Interplay between C-H...C(=O), S...C(=O) and Chalcogen S...S Interactions. <i>Crystal Growth and Design</i> , 2016 , 16, 4292-4308	3.5	11
136	Detection of Intramolecular Interactions and Molecular Motion in Catenanes by Pulse Voltammetry Methods. <i>Electroanalysis</i> , 2005 , 17, 1463-1470	3	11
135	peri-Interactions in Naphthalenes, 6 [1]. On Hypercoordination of Phosphorus in 8-Dialkylamino-naphth-1-yl Phosphonium Salts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 8-18	1	11
134	Hirshfeld atom like refinement with alternative electron density partitions. <i>IUCrJ</i> , 2020 , 7, 1199-1215	4.7	11
133	Synthesis, Structural Characterization, Photophysical Properties, and Antibacterial Assessment of Silver(I)-Thione Coordination Polymers Based on a Competition between Nitrate Anion and Coanions CF ₃ SO ₃ ⁻[ClO ₄ ⁻][BF ₄ ⁻][PF ₆ ⁻] and SbF ₆ ⁻ <i>Crystal Growth and Design</i> , 2019 , 19, 4934-4948	3.5	10
132	Redox-Active Glycol Nucleic Acid (GNA) Components: Synthesis and Properties of the Ferrocenyl-GNA Nucleoside, Phosphoramidite, and Semicanonical Dinucleoside Phosphate. <i>Organometallics</i> , 2020 , 39, 813-823	3.8	10
131	A mild and efficient approach to the 6H-oxazolo[3,2-f]pyrimidine-5,7-dione scaffold via unexpected rearrangement of 2,3-dihydropyrimido[6,1-b][1,5,3]dioxazepine-7,9(5H,8H)-diones: synthesis, crystallographic studies, and cytotoxic activity screening. <i>Tetrahedron Letters</i> , 2016 , 57, 743-746	2	10
130	Predicted structures of new Vitamin D Receptor agonists based on available X-ray structures. <i>Steroids</i> , 2015 , 104, 220-9	2.8	10
129	On the nature of Ni...Ni interaction in a model dimeric Ni complex. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 10280-4	3.6	10
128	Synthesis, Structure and Binding Properties of Nickel and Copper [14]Cyclidene Complexes with Appended Aza Crown Ethers. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 3335-3344	2.3	10
127	Hoveyda-Type Quinone-Containing Complexes [Catalysts to Prevent Migration of the Double Bond under Metathesis Conditions. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 626-638	3.2	9
126	Positional Isomerism and Conformational Flexibility Directed Structural Variations in the Molecular Complexes of Dihydroxybenzoic Acids. <i>Crystal Growth and Design</i> , 2015 , 15, 3832-3841	3.5	9
125	Synthesis and Investigation of the Antitumor Properties of Novel, Bicyclic Europyrimidine, Pyrrolopyrimidine and Pyrimidopyridazine Nucleoside Analogues. <i>Synthesis</i> , 2016 , 48, 566-572	2.9	9
124	Consequences of the electronic tuning of latent ruthenium-based olefin metathesis catalysts on their reactivity. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1458-68	2.5	9
123	The Synthesis, Structure, and FTIR Spectroelectrochemistry of W(CO) ₅ Complexes of 4-Oxo-4-(2,5-dimethylazaferrocen-1?-yl)butanoic and 5-Oxo-5-(2,5-dimethylazaferrocen-1?-yl)pentanoic Acids. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4069-4077	2.3	9
122	On polymorphism and planarity of benzidine dihydrochloride. <i>CrystEngComm</i> , 2006 , 8, 780-783	3.3	9

121	Crystal structure, interaction energies and experimental electron density of the popular drug ketoprofen. <i>IUCrJ</i> , 2018 , 5, 841-853	4.7	9
120	Homodiselenacalix[4]arenes: Molecules with Unique Channelled Crystal Structures. <i>Chemistry - A European Journal</i> , 2016 , 22, 979-87	4.8	9
119	Finding Rules Governing Layered Architectures of Trifluoroborate Potassium Salts in the Solid State. <i>Crystal Growth and Design</i> , 2016 , 16, 1687-1700	3.5	9
118	New class of easily-synthesisable and modifiable organic materials for applications in luminescent devices. <i>Dyes and Pigments</i> , 2017 , 138, 267-277	4.6	8
117	Ruthenium Olefin Metathesis Catalysts Systematically Modified in Chelating Benzyldiene Ether Fragment: Experiment and Computations. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3675-3685	2.3	8
116	Charge transfer properties of two polymorphs of luminescent (2-fluoro-3-pyridyl)(2,2'-biphenyl)borinic 8-oxyquinolate. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 22762-74	3.6	8
115	Formation of dilithiated bis-(1H-pyrazol-1-yl)alkanes and their application in the synthesis of diboronic acids. <i>Tetrahedron Letters</i> , 2014 , 55, 1234-1238	2	8
114	Effect of high pressure on the crystal structure and charge transport properties of the (2-fluoro-3-pyridyl)(4-iodophenyl)borinic 8-oxyquinolate complex. <i>CrystEngComm</i> , 2014 , 16, 10780-10790	2.3	8
113	Differences in electron densities of phenoxazine and phenothiazine derivatives charge density studies. <i>RSC Advances</i> , 2012 , 2, 4318	3.7	8
112	The Influence of Boronate Groups on the Selectivity of the Br/I Exchange in Model Dibromoaryl Boronates. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3023-3032	3.2	8
111	Crystal and molecular structure of 1-hydroxylated analogs of vitamins D. <i>Journal of Molecular Structure</i> , 2005 , 734, 149-155	3.4	8
110	Structural aspects of phase transition in pyrrole-2,5-dithioamide single crystals. <i>Journal of Physical Organic Chemistry</i> , 2005 , 18, 864-869	2.1	8
109	Experimental charge density of grossular under pressure - a feasibility study. <i>IUCrJ</i> , 2020 , 7, 383-392	4.7	8
108	Ferrocene-Biotin Conjugates: Synthesis, Structure, Cytotoxic Activity and Interaction with Avidin. <i>ChemPlusChem</i> , 2016 , 81, 1191-1201	2.8	8
107	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. <i>Dyes and Pigments</i> , 2019 , 170, 107554	4.6	7
106	In a Quest for Selectivity Paired with Activity: A Ruthenium Olefin Metathesis Catalyst Bearing an Unsymmetrical Phenanthrene-Based N-Heterocyclic Carbene. <i>Chemistry - A European Journal</i> , 2020 , 26, 3782-3794	4.8	7
105	Interplay of Inter- and Intramolecular Interactions in Crystal Structures of 1,3,4-Thiadiazole Resorcinol Derivatives. <i>Crystal Growth and Design</i> , 2018 , 18, 3851-3862	3.5	7
104	Multi-temperature study of potassium uridine-5'-monophosphate: electron density distribution and anharmonic motion modelling. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017 , 73, 550-564	1.8	7

103	Experimental observation of charge-shift bond in fluorite CaF. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017 , 73, 643-653	1.8	7
102	(S)-2-(4-Chlorobenzoyl)-1,2,3,4-tetrahydrobenzo[e]pyrazino[1,2-a][1,4]diazepine-6,12(11H,12aH)-dione Synthesis and Crystallographic Studies. <i>MolBank</i> , 2017 , 2017, M964	0.5	7
101	Electronic and molecular structures and bulk second order nonlinear optical properties of ferrocenyl ynones. <i>RSC Advances</i> , 2012 , 2, 3512	3.7	7
100	Preparation, purification and regioselective functionalization of protoescigenin--the main aglycone of escin complex. <i>Molecules</i> , 2013 , 18, 4389-402	4.8	7
99	Synthesis of Bulk Ga1-xMnxN: A Prospective Spintronic Material. <i>Chemistry of Materials</i> , 2003 , 15, 4533-4535	4.5	7
98	Towards accurate and precise positions of hydrogen atoms bonded to heavy metal atoms. <i>Chemical Communications</i> , 2021 , 57, 3652-3655	5.8	7
97	1,1'-Bis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. <i>ChemPlusChem</i> , 2017 , 82, 859-866	2.8	6
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