

Krzysztof Woźniak

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.

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	X-ray wavefunction refinement and comprehensive structural studies on bromo-substituted analogues of 2-deoxy-d-glucose in solid state and solution.. <i>RSC Advances</i> , 2022 , 12, 8345-8360	3.7	
227	Fragmentation and transferability in Hirshfeld atom refinement.. <i>IUCrJ</i> , 2022 , 9, 298-315	4.7	1
226	Tracing electron density changes in langbeinite under pressure.. <i>IUCrJ</i> , 2022 , 9, 146-162	4.7	0
225	Chemistry of glycol nucleic acid (GNA): Synthesis, photophysical characterization and insight into the biological activity of phenanthrenyl GNA constituents.. <i>Bioorganic Chemistry</i> , 2022 , 125, 105847	5.1	0
224	Design of solvatomorphic structures based on a polyboronated tetraphenyladamantane molecular tecton. <i>CrystEngComm</i> , 2021 , 23, 8169-8182	3.3	1
223	Coordination Polymers of the Macrocyclic Nickel(II) and Copper(II) Complexes with Isomeric Benzenedicarboxylates: The Case of Spatial Complementarity between the Bis-Macrocyclic Complexes and o-Phthalate. <i>Crystal Growth and Design</i> , 2021 , 21, 2355-2370	3.5	3
222	A Mild One-Pot Reduction of Phosphine(V) Oxides Affording Phosphines(III) and Their Metal Catalysts. <i>Organometallics</i> , 2021 , 40, 693-701	3.8	4
221	Experimental and Computational Studies on Structure and Energetic Properties of Halogen Derivatives of 2-Deoxy-D-Glucose. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
220	Stereo-Defined Ferrocenyl Glycol Nucleic Acid (Fc-GNA) Constituents: Synthesis, Electrochemistry, Mechanism of Formation, and Anticancer Activity Studies. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2171-2181	2.3	1
219	Relativistic Hirshfeld atom refinement of an organo-gold(I) compound. <i>IUCrJ</i> , 2021 , 8, 608-620	4.7	4
218	Evidence of low temperature phase transition in 2,6-dimethylpyrazine - picric acid cocrystal by means of temperature dependent investigations: X-ray, DSC and IR. <i>Journal of Molecular Structure</i> , 2021 , 1228, 129432	3.4	2
217	Design and in Vitro Characterization of Tricyclic Benzodiazepine Derivatives as Potent and Selective Antileukemic Agents. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2000733	2.5	2
216	Synthesis of Carbonyl-substituted Tetracyanodihydro-tetraaza[14]annulenes. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 763-773	2.3	
215	Novograblenovite from Radlin, Upper Silesia, Poland and its relation to Fedikortsevite. <i>Mineralogical Magazine</i> , 2021 , 85, 132-141	1.7	
214	Towards accurate and precise positions of hydrogen atoms bonded to heavy metal atoms. <i>Chemical Communications</i> , 2021 , 57, 3652-3655	5.8	7
213	Diketopiperazine-Based, Flexible Tadalafil Analogues: Synthesis, Crystal Structures and Biological Activity Profile. <i>Molecules</i> , 2021 , 26,	4.8	4
212	Activated Hoveyda-Grubbs Olefin Metathesis Catalysts Derived from a Large Scale Produced Pharmaceutical Intermediate. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 4590	5.6	3

211	Heterobimetallic Coinage Metal-Ruthenium Complexes Supported by Anionic N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 15217-15225	4.8	1
210	Heavy-Atom Free Organoboron Complexes As Triplet Excited States Photosensitizers for Singlet Oxygen Activation. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12714-12722	4.2	0
209	Development of structurally extended benzosiloxaboroles - synthesis and biological evaluation.. <i>RSC Advances</i> , 2021 , 11, 25104-25121	3.7	1
208	Physico-chemical study of new supramolecular-architected hybrid organic-inorganic sulfates incorporating diammoniumdiphenylsulfone cations.. <i>RSC Advances</i> , 2021 , 11, 26368-26378	3.7	0
207	Experimental charge density of ferrocenyl derivative of β -lactam. <i>Journal of Molecular Structure</i> , 2020 , 1217, 128274	3.4	2
206	The Influence of Various π -Heterocyclic Carbene Ligands on Activity of Nitro-Activated Olefin Metathesis Catalysts. <i>Molecules</i> , 2020 , 25,	4.8	5
205	A competition between hydrophobic and electrostatic interactions in protein-ligand systems. Binding of heterogeneously halogenated benzotriazoles by the catalytic subunit of human protein kinase CK2. <i>IUBMB Life</i> , 2020 , 72, 1211-1219	4.7	4
204	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
203	Unsymmetrically-Substituted 5,12-dihydrodibenzo[<i>h</i>][1,4]diazocine-6,11-dione Scaffold-A Useful Tool for Bioactive Molecules Design. <i>Molecules</i> , 2020 , 25,	4.8	3
202	Specialized Olefin Metathesis Catalysts Featuring Unsymmetrical N-Heterocyclic Carbene Ligands Bearing N-(Fluoren-9-yl) Arm. <i>Catalysts</i> , 2020 , 10, 599	4	2
201	Unsymmetrically Substituted Dibenzo[<i>h</i>][1,5]-diazocine-6,12(5,11)dione-A Convenient Scaffold for Bioactive Molecule Design. <i>Molecules</i> , 2020 , 25,	4.8	5
200	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
199	Charge density view on bicalutamide molecular interactions in the monoclinic polymorph and androgen receptor binding pocket. <i>IUCrJ</i> , 2020 , 7, 71-82	4.7	6
198	Experimental charge density of grossular under pressure - a feasibility study. <i>IUCrJ</i> , 2020 , 7, 383-392	4.7	8
197	On the accuracy and precision of X-ray and neutron diffraction results as a function of resolution and the electron density model. <i>IUCrJ</i> , 2020 , 7, 920-933	4.7	12
196	Hirshfeld atom like refinement with alternative electron density partitions. <i>IUCrJ</i> , 2020 , 7, 1199-1215	4.7	11
195	Interplay between packing, dimer interaction energy and morphology in a series of tricyclic imide crystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 157-165	1.8	1
194	Charge density analysis of abiraterone acetate. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 1018-1026	1.8	4

193	Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. <i>Dalton Transactions</i> , 2020 , 49, 1403-1415	4.3	14
192	Synthesis, crystal structure and biological activity of novel analogues of tricyclic drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127493	2.9	5
191	Experimental and Theoretical Insights into Molecular and Solid-State Properties of Isomeric Bis(salicylaldehydes). <i>Journal of Physical Chemistry A</i> , 2019 , 123, 8674-8689	2.8	1
190	Cation ordering, valence states, and symmetry breaking in the crystal-chemically complex mineral chevkinite-(Ce): Recrystallization, transformation, and metamict states in chevkinite. <i>American Mineralogist</i> , 2019 , 104, 1481-1486	2.9	2
189	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
188	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
187	NHC copper complexes functionalized with sulfoxide and sulfone moieties. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4983	3.1	1
186	Cation ordering, valence states, and symmetry breaking in the crystal-chemically complex mineral chevkinite-(Ce): X-ray diffraction and photoelectron spectroscopy studies and mechanisms of Nb enrichment. <i>American Mineralogist</i> , 2019 , 104, 595-602	2.9	6
185	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. <i>Dyes and Pigments</i> , 2019 , 170, 107554	4.6	7
184	Gold-Induced Desulfurization in a Bis(ferrocenyl) Alkane Dithiol. <i>Organometallics</i> , 2019 , 38, 2227-2232	3.8	
183	The influence of metal-complexing macrocycle size on intramolecular movement in rotaxanes. <i>Dalton Transactions</i> , 2019 , 48, 6546-6557	4.3	2
182	Luminescent pyrenyl-GNA nucleosides: synthesis, photophysics and confocal microscopy studies in cancer HeLa cells. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2449-2460	4.2	6
181	Crystal structure and energetic features of the cocrystal of carbamazepine with 3,5-dinitrobenzoic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1150-1156	0.8	2
180	Energetics of interactions in the solid state of 2-hydroxy-8-quinoline derivatives (= Cl, Br, I, S-Ph): comparison of Hirshfeld atom, X-ray wavefunction and multipole refinements. <i>IUCrJ</i> , 2019 , 6, 868-883	4.7	5
179	Crystallographic and computational studies of a new organoarsenate compound: o-anisidinium dihydroarsenate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 128-134	0.8	
178	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
177	Unprecedented reaction course of 1-phenyl-2H,6H-imidazo[1,5-c]quinazoline-3,5-dione with 3-M excess of ethylene oxide. <i>Structural Chemistry</i> , 2019 , 30, 1079-1094	1.8	
176	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 618-625	2.9	12

175	Effect of Vitamin D Conformation on Interactions and Packing in the Crystal Lattice. <i>Crystal Growth and Design</i> , 2018 , 18, 3385-3396	3.5	6
174	Ground-State Charge-Density Distribution in a Crystal of the Luminescent ortho-Phenylenediboronic Acid Complex with 8-Hydroxyquinoline. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4508-4520	2.8	1
173	Azoliniums, Adducts, NHCs and Azomethine Ylides: Divergence in Wanzlick Equilibrium and Olefin Metathesis Catalyst Formation. <i>Chemistry - A European Journal</i> , 2018 , 24, 4785-4789	4.8	13
172	Unexpected formation of nitroso-chelated cyclic π -acylruthenium(II) complex, an effective catalysts for transfer hydrogenation reaction. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 359-366	2.3	4
171	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Xeno-nucleic Acids. <i>ChemPlusChem</i> , 2018 , 83, 77-86	2.8	11
170	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
169	Regioselective Functionalization of the [closo-1-CBH] Anion through Iodonium Zwitterions. <i>Inorganic Chemistry</i> , 2018 , 57, 10442-10456	5.1	12
168	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
167	Ruthenium Olefin Metathesis Catalysts Systematically Modified in Chelating Benzylidene Ether Fragment: Experiment and Computations. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3675-3685	2.3	8
166	Crystal structure, interaction energies and experimental electron density of the popular drug ketoprofen. <i>IUCrJ</i> , 2018 , 5, 841-853	4.7	9
165	Well-Defined Chiral Copper NHC Complex in the Asymmetric Conjugated π -Borylation and One-Pot Metathesis-Asymmetric π -Borylation Reactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 891-897	4.8	6
164	[3]rotaxanes composed of two dibenzo-24-crown-8 ether wheels and an azamacrocyclic complex. <i>Dalton Transactions</i> , 2018 , 47, 15845-15856	4.3	0
163	Synthesis of tetraarylborates via tetralithio intermediates and the effect of polar functional groups and cations on their crystal structures. <i>Dalton Transactions</i> , 2018 , 47, 16627-16637	4.3	4
162	N-(4-Bromobenzyl)-2-(5,6-dimethyl-1H-benzo[d]imidazol-2-yl)benzeneamine. <i>MolBank</i> , 2018 , 2018, M978.5	0.5	1
161	Doxycycline hydrate and doxycycline hydrochloride dihydrate Crystal structure and charge density analysis. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018 , 233, 649-661	1	2
160	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
159	The effect of conformational isomerism on the optical properties of bis(8-oxyquinolato) diboron complexes with a 2,2'-biphenyl backbone. <i>Dalton Transactions</i> , 2018 , 47, 15670-15684	4.3	4
158	The new heteropolyoxometalate compound (CHN)[HAsMoO(HO)]BHO: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1088-1093	0.8	3

157	Hoveyda-Type Quinone-Containing Complexes as 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
156	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
155	New class of easily-synthesizable and modifiable organic materials for applications in luminescent devices. <i>Dyes and Pigments</i> , 2017 , 138, 267-277	4.6	8
154	Synthesis and Transformations of Functionalized Benzosiloxaboroles. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 818-826	3.2	12
153	1,1'-Bis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. <i>ChemPlusChem</i> , 2017 , 82, 859-866	2.8	6
152	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
151	Rotaxanes composed of dibenzo-24-crown-8 and macrocyclic transition metal complexing tetraimine units. <i>New Journal of Chemistry</i> , 2017 , 41, 6004-6013	3.6	3
150	Synthesis, Structural Characterization and Catalytic Activities of Sulfur-Functionalized NHC-Copper(I) Complexes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4074-4084	3.2	11
149	Halogen Derivatives of Toluene under High Pressure. <i>Crystal Growth and Design</i> , 2017 , 17, 1493-1501	3.5	2
148	Pyrene-nucleobase conjugates: synthesis, oligonucleotide binding and confocal bioimaging studies. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2521-2534	2.5	5
147	Hybrid Triazine-Boron Two-Dimensional Covalent Organic Frameworks: Synthesis, Characterization, and DFT Approach to Layer Interaction Energies. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 31129-31141	9.5	12
146	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
145	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
144	Charge density studies of an inorganic-organic hybrid p-phenylenediammonium tetrachlorocuprate. <i>Structural Chemistry</i> , 2017 , 28, 1607-1622	1.8	6
143	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
142	Structural and Energetic Analysis of Molecular Assemblies in a Series of Nicotinamide and Pyrazinamide Cocrystals with Dihydroxybenzoic Acids. <i>Crystal Growth and Design</i> , 2017 , 17, 4918-4931	3.5	14
141	Validation of X-ray Wavefunction Refinement. <i>ChemPhysChem</i> , 2017 , 18, 3290-3291	3.2	1
140	Validation of X-ray Wavefunction Refinement. <i>ChemPhysChem</i> , 2017 , 18, 3334-3351	3.2	34

139	Esters with imidazo [1,5-c] quinazoline-3,5-dione ring spectral characterization and quantum-mechanical modeling. <i>Journal of Molecular Modeling</i> , 2017 , 23, 107	2	4
138	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
137	(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
136	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. <i>Molecules</i> , 2017 , 22,	4.8	18
135	Cymantrenyl-Nucleobases: Synthesis, Anticancer, Antitrypanosomal and Antimicrobial Activity Studies. <i>Molecules</i> , 2017 , 22,	4.8	6
134	An insight into real and average structure from diffuse X-ray scattering - a case study. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016 , 72, 571-83	1.8	2
133	Isomeric and Isostructural Oligothiophenylsilanes Structurally Similar, Physicochemically Different: The Effect of Interplay between C-H...C (π), S...C (π) and Chalcogen S...S Interactions. <i>Crystal Growth and Design</i> , 2016 , 16, 4292-4308	3.5	11
132	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
131	Yes, one can obtain better quality structures from routine X-ray data collection. <i>IUCrJ</i> , 2016 , 3, 61-70	4.7	29
130	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
129	Solid-State Analysis of Monohydrated Halide Salts of Paracetamol. <i>Crystal Growth and Design</i> , 2016 , 16, 1156-1161	3.5	4
128	Homodiselenacalix[4]arenes: Molecules with Unique Channelled Crystal Structures. <i>Chemistry - A European Journal</i> , 2016 , 22, 979-87	4.8	9
127	Hydrogen atoms can be located accurately and precisely by x-ray crystallography. <i>Science Advances</i> , 2016 , 2, e1600192	14.3	147
126	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
125	Synthesis and catalytic activity of ruthenium indenylidene complexes bearing unsymmetrical NHC containing a heteroaromatic moiety. <i>RSC Advances</i> , 2016 , 6, 77013-77019	3.7	12
124	Ferrocene-Biotin Conjugates: Synthesis, Structure, Cytotoxic Activity and Interaction with Avidin. <i>ChemPlusChem</i> , 2016 , 81, 1191-1201	2.8	8
123	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
122	Syntheses, structures and catalytic activities of dinuclear copper complexes with tetradentate diaminebis (phenolate) ligands. <i>Transition Metal Chemistry</i> , 2015 , 40, 255-267	2.1	3

121	Bromine Atom Interactions in Biologically Active Acrylamide Derivatives. <i>Crystal Growth and Design</i> , 2015 , 15, 2632-2642	3.5	5
120	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
119	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
118	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
117	Nitrogen-boron coordination versus OH ⁺ hydrogen bonding in pyridoxaboroles - aza analogues of benzoxaboroles. <i>Dalton Transactions</i> , 2015 , 44, 16534-46	4.3	12
116	Efficient 8-oxyquinolino 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
115	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
114	Predicted structures of new Vitamin D Receptor agonists based on available X-ray structures. <i>Steroids</i> , 2015 , 104, 220-9	2.8	10
113	Synthesis and characterization of di-, tri- and tetraboronic acids based on phenyl- and thienylsilane cores. <i>Journal of Organometallic Chemistry</i> , 2015 , 783, 1-9	2.3	5
112	Applications of Hirshfeld surfaces to mineralogy: An example of alumohydrocalcite, and the classification of the dundasite group minerals. <i>American Mineralogist</i> , 2015 , 100, 110-119	2.9	3
111	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
110	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
109	Competition between hydrogen and halogen bonding in the structures of 5,10-dihydroxy-5,10-dihydroboranthrenes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 157-71	1.8	12
108	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
107	Synthesis and characterization of 12-pyridinium derivatives of the [closo-1-CB ₁₁ H ₁₂] ⁻ anion. <i>Inorganic Chemistry</i> , 2014 , 53, 12617-26	5.1	24
106	Sunitinib: from charge-density studies to interaction with proteins. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 1257-70		24
105	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
104	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

103	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
102	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
101	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
100	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
99	Single Crystal X-ray Diffraction, Spectroscopic and Mass Spectrometric Studies of Furanocoumarin Peucedanin. <i>Natural Product Communications</i> , 2014 , 9, 1934578X1400900	0.9	
98	Hirshfeld atom refinement for modelling strong hydrogen bonds. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014 , 70, 483-98	1.7	47
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