

Damian Trzybinski

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100
papers

515
citations

11
h-index

16
g-index

105
ext. papers

658
ext. citations

3.3
avg, IF

4.09
L-index

#	Paper	IF	Citations
100	Networks of intermolecular interactions involving nitro groups in the crystals of three polymorphs of 9-aminoacridinium 2,4-dinitrobenzoate ? 2,4-dinitrobenzoic acid. <i>Journal of Molecular Structure</i> , 2013 , 1049, 90-98	3.4	41
99	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
98	Solvent-bridged frameworks of hydrogen bonds in crystals of 9-aminoacridinium halides. <i>CrystEngComm</i> , 2013 , 15, 6808	3.3	18
97	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. <i>Molecules</i> , 2017 , 22,	4.8	18
96	Magnetostructural Investigation of Orthogonal 1-Aryl-3-Phenyl-1,4-Dihydrobenzo[e][1,2,4]triazin-4-yl Derivatives. <i>Chemistry - A European Journal</i> , 2018 , 24, 1317-1329	4.8	18
95	Single-crystal X-ray diffraction analysis of designer drugs: hydrochlorides of metaphedrone and pentedrone. <i>Forensic Science International</i> , 2013 , 232, e28-32	2.6	17
94	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
93	Influence of the halogen substituent on the formation of halogen and hydrogen bonding in co-crystals formed from acridine and benzoic acids. <i>CrystEngComm</i> , 2015 , 17, 7199-7212	3.3	15
92	Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. <i>Dalton Transactions</i> , 2020 , 49, 1403-1415	4.3	14
91	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
90	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 cellsTgrowth is accompanied by reactive oxygen species overproduction and apoptosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 618-625	2.9	12
89	Synthesis, Structural Characterization and Catalytic Activities of Sulfur-Functionalized NHCCopper(I) Complexes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4074-4084	3.2	11
88	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Xeno-nucleic Acids. <i>ChemPlusChem</i> , 2018 , 83, 77-86	2.8	11
87	Synthesis and structural characterization of a cocrystal salt containing acriflavine and 3,5-dinitrobenzoic acid. <i>Tetrahedron Letters</i> , 2014 , 55, 2253-2255	2	11
86	Synthesis of magnetic doped kesterite single crystals. <i>Crystal Research and Technology</i> , 2015 , 50, 690-694.	3	11
85	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
84	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

83	Bis-diorganotin(IV) complexes with binucleating hydrazones derived from a methylene-bis-aromatic aldehyde as linker: Synthesis, spectral and structural characterization, antibacterial activity and DNA cleavage studies. <i>Journal of Organometallic Chemistry</i> , 2017 , 853, 184-192	2.3	9
82	Crystal structure, interaction energies and experimental electron density of the popular drug ketoprofen. <i>IUCrJ</i> , 2018 , 5, 841-853	4.7	9
81	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. <i>Dyes and Pigments</i> , 2019 , 170, 107554	4.6	7
80	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
79	Synthesis, structure, and biological activity of novel heterocyclic sulfonyl-carboximidamides. <i>Monatshefte für Chemie</i> , 2013 , 144, 647-658	1.4	7
78	Co-crystals and salts formed from 4-fluorobenzoic acid and heteroaromatic nitrogenous bases. <i>Tetrahedron Letters</i> , 2013 , 54, 1463-1466	2	7
77	(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
76	Anion-controlled networks of intermolecular interactions in the crystal structure of 9-aminoacridinium salts. <i>Tetrahedron</i> , 2011 , 67, 1479-1484	2.4	7
75	1,1TBis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. <i>ChemPlusChem</i> , 2017 , 82, 859-866	2.8	6
74	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
73	Cymantrenyl-Nucleobases: Synthesis, Anticancer, Antitrypanosomal and Antimicrobial Activity Studies. <i>Molecules</i> , 2017 , 22,	4.8	6
72	9-(2-Ethyl-phenoxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o826-7		6
71	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
70	Well-Defined Chiral Copper NHC Complex in the Asymmetric Conjugated Borylation and One-Pot Metathesis-Asymmetric Borylation Reactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 891-897	4.8	6
69	Unsymmetrically Substituted Dibenzo[1,5]-diazocine-6,12(5,11)dione-A Convenient Scaffold for Bioactive Molecule Design. <i>Molecules</i> , 2020 , 25,	4.8	5
68	Pyrene-nucleobase conjugates: synthesis, oligonucleotide binding and confocal bioimaging studies. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2521-2534	2.5	5
67	The influence of benzoate anion substituents on the crystal packing and hydrogen-bonding network of 9-aminoacridinium salts. <i>Tetrahedron</i> , 2011 , 67, 2839-2843	2.4	5
66	9-(4-Bromo-phenoxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1313-4		5

65	1-(Piperidin-1-yl)-9,10-anthraquinone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2879		5
64	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
63	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
62	New diols with imidazoquinazoline ring. <i>Journal of Molecular Structure</i> , 2018 , 1153, 230-238	3.4	4
61	Solid-State Analysis of Monohydrated Halide Salts of Paracetamol. <i>Crystal Growth and Design</i> , 2016 , 16, 1156-1161	3.5	4
60	Polymorphism and resulting luminescence properties of 1-acetylpyrene. <i>CrystEngComm</i> , 2019 , 21, 5845-5852	3.9	4
59	Synthesis, spectroscopic characterization and DFT calculations of monohydroxyalkylated derivatives of 1-phenyl-2H,6H-imidazo[1,5-c]quinazoline-3,5-dione. <i>Journal of Molecular Structure</i> , 2017 , 1127, 708-715	3.4	4
58	9-(Biphenyl-4-yl-oxycarbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o770-1		4
57	10-Methyl-9-phenoxy-carbonyl-acridinium trifluoro-methane-sulfonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o906-7		4
56	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
55	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
54	Diketopiperazine-Based, Flexible Tadalafil Analogues: Synthesis, Crystal Structures and Biological Activity Profile. <i>Molecules</i> , 2021 , 26,	4.8	4
53	Unsymmetrically-Substituted 5,12-dihydrodibenzo[<i>l</i>][1,4]diazocine-6,11-dione Scaffold-A Useful Tool for Bioactive Molecules Design. <i>Molecules</i> , 2020 , 25,	4.8	3
52	2,3,4,6-tetra-O-Acetyl-D-Gluconic Acid: Crystal Structure and Application in the Synthesis of N-(D-gluconyl) Derivatives of D-Glucosamine. <i>Journal of Carbohydrate Chemistry</i> , 2014 , 33, 33-47	1.7	3
51	10-Methyl-9-[2-(propan-2-yl)phenoxy-carbonyl]-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2773-4		3
50	1-Dimethyl-amino-9,10-anthraquinone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o723		3
49	1,8-Bis(tos-yloxy)-9,10-anthraquinone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o33-4		3
48	Influence of halogen size on the supramolecular and energy landscape of the THF solvates of the halogen derivatives of dianthranilide. <i>CrystEngComm</i> , 2020 , 22, 5389-5399	3.3	3

47	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
46	Intermolecular interactions in multi-component crystals of acridinone/thioacridinone derivatives: Structural and energetics investigations. <i>Journal of Molecular Structure</i> , 2016 , 1125, 36-46	3.4	3
45	The new heteropolyoxometalate compound (CHN)[HAsMoO(HO)] ₃ BHO: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1088-1093	0.8	3
44	Activated Hoveyda-Grubbs Olefin Metathesis Catalysts Derived from a Large Scale Produced Pharmaceutical Intermediate Sildenafil Aldehyde. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 4590	5.6	3
43	Conformational studies of N-(β-D-glucofuranurono-6,3-lactone)- and N-(methyl β-D-glucopyranuronate)-p-nitroanilines. <i>Carbohydrate Research</i> , 2017 , 446-447, 85-92	2.9	2
42	The influence of metal-complexing macrocycle size on intramolecular movement in rotaxanes. <i>Dalton Transactions</i> , 2019 , 48, 6546-6557	4.3	2
41	Specialized Olefin Metathesis Catalysts Featuring Unsymmetrical N-Heterocyclic Carbene Ligands Bearing N-(Fluoren-9-yl) Arm. <i>Catalysts</i> , 2020 , 10, 599	4	2
40	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
39	Structural insight into the interactions between a cationic dye and an anionic surfactant in crystals of 9-aminoacridinium dodecyl sulfate. <i>Journal of Molecular Structure</i> , 2014 , 1076, 490-495	3.4	2
38	Crystal structure of 2-bromo-benzoic acid at 120 K: a redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1139-40		2
37	2,6-Dimethyl-phenyl acridine-9-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o166		2
36	Crystal Structures of Methyl (Methyl 3-azido-2,3-dideoxy-β-L-lyxo- and -β-D-arabino-hexopyranosid)uronates. <i>Journal of Carbohydrate Chemistry</i> , 2010 , 29, 299-314	1.7	2
35	9-(Methyl-sulfan-yl)acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o566-7		2
34	9-[(2,6-Dimethoxy-phen-oxy)carbon-yl]-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o789-90		2
33	2-Meth-oxy-9-phenoxy-acridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o828-9		2
32	9-(4-Methyl-phenoxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1311-2		2
31	1,5-Bis(piperidin-1-yl)-9,10-anthraquin-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o110		2
30	9-Chloro-2,4-dimethoxy-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o768-9		2

29	New series of hybrid organic/inorganic polyoxoselenomolybdate compounds: Crystal structure, Hirshfeld Surface analysis. <i>Inorganica Chimica Acta</i> , 2020 , 501, 119271	2.7	2
28	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
27	Influence of the oxime and anomeric configurations on the stability of 2-deoxy-2-hydroxyimino-d-hexopyranosides. <i>Journal of Molecular Structure</i> , 2016 , 1125, 558-569	3.4	2
26	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
25	NHC copper complexes functionalized with sulfoxide and sulfone moieties. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4983	3.1	1
24	Structure, formation, thermodynamics and interactions in 9-carboxy-10-methylacridinium-based molecular systems. <i>New Journal of Chemistry</i> , 2016 , 40, 7359-7372	3.6	1
23	9-Benzyl-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1548-9		1
22	9-(4-Chloro-phen-oxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2771-2		1
21	9-(4-Fluoro-phen-oxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2769-70		1
20	9-(2,6-Dimethyl-phen-oxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2929-30		1
19	9-(2,5-Dimethyl-phen-oxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3205-6		1
18	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
17	N-(4-Bromobenzyl)-2-(5,6-dimethyl-1H-benzo[d]imidazol-2-yl)benzeneamine. <i>MolBank</i> , 2018 , 2018, M970.5		1
16	Heterobimetallic Coinage Metal-Ruthenium Complexes Supported by Anionic N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 15217-15225	4.8	1
15	Involvement of various anions in tuning the structure of silver(I) coordination polymers based on the S- donor ligands: Syntheses, crystal structure and uptake properties. <i>CrystEngComm</i> ,	3.3	1
14	Theoretically derived thermodynamic properties can be improved by the refinement of low-frequency modes against X-ray diffraction data. <i>Chemical Communications</i> , 2021 , 57, 9370-9373	5.8	0
13	[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
12	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

- 11 Chemistry of glycol nucleic acid (GNA): Synthesis, photophysical characterization and insight into the biological activity of phenanthrenyl GNA constituents.. *Bioorganic Chemistry*, **2022**, 125, 105847 5.1 0
- 10 Gold-Induced Desulfurization in a Bis(ferrocenyl) Alkane Dithiol. *Organometallics*, **2019**, 38, 2227-2232 3.8
- 9 Research into the oxidation of abietic acid-derived enone with atmospheric oxygen. *Chirality*, **2020**, 32, 437-445 2.1
- 8 9-Phenyl-10H-acridinium trifluoro-methane-sulfonate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o2845-6
- 7 9-(3-Fluoro-phen-oxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o625-6
- 6 9-(2-Bromo-phen-oxy-carbon-yl)-10-methyl-acridinium trifluoro-methane-sulfonate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1722-3
- 5 Crystallographic and computational studies of a new organoarsenate compound: o-anisidinium dihydroarsenate. *Acta Crystallographica Section C, Structural Chemistry*, **2019**, 75, 128-134 0.8
- 4 Phenyl acridine-9-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o305
- 3 Unprecedented reaction course of 1-phenyl-2H,6H-imidazo[1,5-c]quinazoline-3,5-dione with 3-M excess of ethylene oxide. *Structural Chemistry*, **2019**, 30, 1079-1094 1.8
- 2 X-ray wavefunction refinement and comprehensive structural studies on bromo-substituted analogues of 2-deoxy-d-glucose in solid state and solution.. *RSC Advances*, **2022**, 12, 8345-8360 3.7
- 1 Structural studies of halide hexaalkylguanidinium salts. *Journal of Molecular Structure*, **2022**, 1265, 133338 4