MichaÅ, K CyraÅ„ski

List of Publications by Year
in descending order

56 papers	1,532 citations	361045 20 h-index	315357 38 g-index
59 all docs	59 docs citations	59 times ranked	2031 citing authors

#	Article	IF	Citations
1	Imidazo[1,2-a]pyridines Susceptible to Excited State Intramolecular Proton Transfer: One-Pot Synthesis via an Ortolevaâ€“King Reaction. Journal of Organic Chemistry, 2012, 77, 5552-5558.	1.7	301
2	Consequences of proton transfer in guanidine. Journal of Physical Organic Chemistry, 2003, 16, 91-106.	0.9	109
3	Quadrannulene: A Nonclassical Fullerene Fragment. Angewandte Chemie - International Edition, 2010, 49, 399-402.	7.2	102
4	Impact of intermolecular hydrogen bond on structural properties of phenylboronic acid: quantum chemical and Xâ€ray study. Journal of Physical Organic Chemistry, 2008, 21, 472-482.	0.9	80
5	On the Aromatic Character of the Heterocyclic Bases of DNA and RNA#. Journal of Organic Chemistry, 2003, 68, 8607-8613.	1.7	70
6	Acidic Câ€“H Bond as a Proton Donor in Excited State Intramolecular Proton Transfer Reactions. Journal of Chemical Theory and Computation, 2015, 11, 1046-1054.	2.3	65
7	Structural diversities of charge transfer organic complexes. Focus on benzenoid hydrocarbons and 7,7,8,8-tetracyanoquinodimethane. CrystEngComm, 2014, 16, 415-429.	1.3	60
8	Bowlâ€Shaped Pentagonâ€and Heptagonâ€Embedded Nanographene Containing a Central Pyrrolo[3,2â€b]pyrrole Core. Angewandte Chemie - International Edition, 2021, 60, 14998-15005.	7.2	53
9	The Phenalenyl Motif: A Magnetic Chameleon. Chemistry - A European Journal, 2007, 13, 2201-2207.	1.7	45
10	Separation of the Energetic and Geometric Contributions to Aromaticity. 3. Analysis of the Aromatic Character of Benzene Rings in Their Various Topological and Chemical Environments in the Substituted Benzene Derivatives. Journal of Chemical Information and Computer Sciences, 1996, 36, 1142-1145.	2.8	39
11	Towards a monomeric structure of phenylboronic acid: The influence of ortho-alkoxy substituents on the crystal structure. CrystEngComm, 2012, 14, 6282.	1.3	35
12	Benzo[a]imidazo[5,1,2-cd]indolizines â€“ a new class of molecules displaying excited state intramolecular proton transfer. New Journal of Chemistry, 2014, 38, 189-197.	1.4	35
13	On the aromatic stabilization of corannulene and coronene. Physical Chemistry Chemical Physics, 2011, 13, 20557.	1.3	34
14	Ab initiostudy of tautomerism and of basicity center preference in histamine, from gas phase to solution-comparison with experimental data (gas phase, solution, solid state). Journal of Physical Organic Chemistry, 2003, 16, 783-796.	0.9	30
15	Easy Synthesis and Characterization of Holmium-Doped SPIONs. Nanomaterials, 2018, 8, 430.	1.9	30
16	Bond energy, aromatic stabilization energy and strain in IPR fullerenes. Chemical Communications, 2004, , 2458-2459.	2.2	26
17	Complete Series of Alkali-Metal M(BH₃NH₂BH₂NH₂BH₃) Hydrogen-Storage Salts Accessed via Metathesis in Organic Solvents. Inorganic Chemistry, 2016, 55, 37-45.	1.9	24
18	The role of steric hindrance in the intramolecular oxidative aromatic coupling of pyrrolo[3,2-b]pyrroles. Chemical Communications, 2016, 52, 11539-11542.	2.2	23

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19	Rearrangement of 23-oxospirostanes to the 22-oxo-23-spiroketal isomers promoted by Lewis acidsâ€" X-ray crystal structure of (23R,25S)-3Î²-acetoxy-16Î²,23:23,26-diepoxy-5Î²-cholestan-22-one. Steroids, 2004, 69, 395-400.	0.8	22
20	1,3-Dihydro-1-hydroxy-3-morpholin-4-yl-2,1-benzoxaborole: product of the reaction ofo-formylphenylboronic acid with morpholine. Applied Organometallic Chemistry, 2005, 19, 1202-1203.	1.7	22
21	Structural and spectroscopic properties of an aliphatic boronic acid studied by combination of experimental and theoretical methods. Journal of Chemical Physics, 2008, 128, 124512.	1.2	22
22	Variation of the ?-electron delocalization in exocyclically substituted heptafulvene derivatives. Journal of Physical Organic Chemistry, 2003, 16, 426-430.	0.9	21
23	On two alizarin polymorphs. CrystEngComm, 2012, 14, 3667.	1.3	21
24	How to Find the Fries Structures for Benzenoid Hydrocarbons. Symmetry, 2010, 2, 1390-1400.	1.1	18
25	Pyrrolidine and Its Hydrates in the Solid State. Crystal Growth and Design, 2015, 15, 4804-4812.	1.4	18
26	Towards Clathrates: Frozen States of Hydration of tertâ€Butylamine. Angewandte Chemie - International Edition, 2015, 54, 10138-10144.	7.2	16
27	Double head-to-tail direct arylation as a viable strategy towards the synthesis of the aza-analog of dihydrocyclopenta[hi]aceanthrylene â€" an intriguing antiaromatic heterocycle. Chemical Communications, 2016, 52, 1262-1265.	2.2	16
28	Reconnaissance of reactivity of an Ag(<scp>ii</scp>)SO₄ one-electron oxidizer towards naphthalene derivatives. New Journal of Chemistry, 2017, 41, 10742-10749.	1.4	15
29	Cyclic Ï€-electron delocalization in non-planar linear acenes. Physical Chemistry Chemical Physics, 2016, 18, 11813-11820.	1.3	14
30	Synthesis and characterization of Gd3+- and Tb3+-doped iron oxide nanoparticles for possible endoradiotherapy and hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 479, 50-58.	1.0	14
31	Photostable orange-red fluorescent unsymmetrical diketopyrrolopyrroleâ€"BF₂ hybrids. Journal of Materials Chemistry C, 2020, 8, 7708-7717.	2.7	14
32	Bowlâ€Shaped Pentagonâ€and Heptagonâ€Embedded Nanographene Containing a Central Pyrrolo[3,2â€b]pyrrole Core. Angewandte Chemie, 2021, 133, 15125-15132.	1.6	14
33	Hydrogen Bonds Involving Cavity NH Protons Drives Supramolecular Oligomerization of Amidoâ€Corroles. Chemistry - A European Journal, 2017, 23, 10195-10204.	1.7	13
34	Cholesterol-based photo-switchable mesogenic dimers. Strongly bent molecules versus an intercalated structure. CrystEngComm, 2019, 21, 2779-2789.	1.3	13
35	Diastereoselectivity of Chiral Nitrone 1,3-Dipolar Cycloaddition to Baylis-Hillman Adducts. Monatshefte FÃ¼r Chemie, 2004, 135, 685-696.	0.9	11
36	Structure and Properties of 1,3-Phenylenediboronic Acid: Combined Experimental and Theoretical Investigations. Crystals, 2019, 9, 109.	1.0	10

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37	Synthesis and biological activity of novel series of heterocyclic compounds containing succinimide moiety. Heterocyclic Communications, 2013, 19, 287-296.	0.6	9
38	First experimental charge density study using a Bruker CMOS-type PHOTON 100 detector: the case of ammonium tetraoxalate dihydrate. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 847-855.	0.5	9
39	Covalently Linked Bis(Amidoâ€Corroles): Interâ€and Intramolecular Hydrogenâ€Bondâ€Driven Supramolecular Assembly. Chemistry - A European Journal, 2019, 25, 9658-9664.	1.7	9
40	Hydrates of Cyclobutylamine: Modifications of Gas Clathrate Types sI and sH. Crystal Growth and Design, 2016, 16, 2717-2725.	1.4	7
41	Formation of Crystalline Hydrates by Nonionic Chaotropes and Kosmotropes: Case of Piperidine. Crystal Growth and Design, 2019, 19, 1005-1020.	1.4	6
42	Comprehensive Protocol for the Identification and Characterization of New Psychoactive Substances in the Service of Law Enforcement Agencies. Frontiers in Chemistry, 2020, 8, 693.	1.8	6
43	Synthesis and crystal structure of new compounds from the Yâ€“Mgâ€“Ni system. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 19-32.	0.4	5
44	New cubic cluster phases in the Mgâ€“Niâ€“Ga system. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 534-542.	0.5	4
45	Synthesis and Structure of 2â€Hydroxyâ€2â€Methylâ€1,3â€Bisâ€(Methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (3â€², 24, 697-704.	0.4	3
46	Application of graph theory and topological models for the determination of fundamentals of the aromatic character of pi-conjugated hydrocarbons. Pure and Applied Chemistry, 2012, 84, 1069-1088.	0.9	3
47	Polymorphism and structural diversities of LiClO₄â€“Î²-alanine ionic co-crystals. CrystEngComm, 2020, 22, 4427-4437.	1.3	3
48	Aluminum hippurate and diglycolate as multinuclear metal carboxylates. Journal of Coordination Chemistry, 2015, 68, 1189-1198.	0.8	2
49	Improving Fluorometric Determination of Water Content in Aprotic Solvents. Food Analytical Methods, 2018, 11, 486-494.	1.3	2
50	Kosmotropic Behavior of 3-Pyrroline during Crystalline Hydrates Formation. Crystal Growth and Design, 2019, 19, 4721-4730.	1.4	2
51	Intermolecular interactions in hydrates of 4-methylpiperidine and 4-chloropiperidine â€“ a structural and computational study. CrystEngComm, 2021, 23, 1251-1262.	1.3	2
52	Influence of acetylation on anomeric effect in methyl glycosides. Molecular Physics, 2019, 117, 349-358.	0.8	1
53	Structural reasons for the formation of multicomponent products and the influence of high pressure. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 321-330.	0.5	1
54	Combination of solid-state NMR, molecular mechanics and DFT calculations for the molecular structure determination of methyl glycoside benzoates. Structural Chemistry, 2021, 32, 297-307.	1.0	0

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55	RÃ¼cktitelbild: Bowlâ€Shaped Pentagonâ€and Heptagonâ€Embedded Nanographene Containing a Central Pyrrolo[3,2â€b]pyrrole Core (Angew. Chem. 27/2021). Angewandte Chemie, 2021, 133, 15240-15240.	1.6	0
56	Effect of Diamine Bridge on Reactivity of Tetradentate ONNO Nickel(II) Complexes. ChemPhysChem, 2022, 23, .	1.0	0