Anna Olejniczak

List of Publications by Year
in descending order

35	630	566801 15	610482 24
papers	citations	h-index	g-index

39	39	39	653
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	H-Bond Breaking in High-Pressure Urea. Journal of Physical Chemistry C, 2009, 113, 15761-15767.	1.5	72
2	Supramolecular Reaction between Pressure-Frozen Acetonitrile Phases Î± and Î². Journal of Physical Chemistry B, 2008, 112, 7183-7190.	1.2	50
3	Ten Polymorphs of NH⁺Â·Â·Â·N Hydrogen-Bonded 1,4-Diazabicyclo[2.2.2]octane Complexes: Supramolecular Origin of Giant Anisotropic Dielectric Response in Polymorph V. Crystal Growth and Design, 2010, 10, 3537-3546.	1.4	45
4	Pressure-Dependent Formation and Decomposition of Thiourea Hydrates. Crystal Growth and Design, 2013, 13, 121-125.	1.4	35
5	Pressure induced transformations of 1,4-diazabicyclo[2.2.2]octane (dabco) hydroiodide: diprotonation of dabco, its N-methylation and co-crystallization with methanol. CrystEngComm, 2010, 12, 2528.	1.3	34
6	Halogenâ¯halogen contra Câ€“Hâ¯halogen interactions. CrystEngComm, 2014, 16, 8279-8285.	1.3	32
7	Pressure-Induced Hydration of 1,4-Diazabicyclo[2.2.2]octane Hydroiodide (dabcoHI). Crystal Growth and Design, 2011, 11, 2250-2256.	1.4	26
8	Competing hydrogen-bonding patterns and phase transitions of 1,2-diaminoethane at varied temperature and pressure. Acta Crystallographica Section B: Structural Science, 2006, 62, 1078-1089.	1.8	25
9	Weak intermolecular interactions and molecular aggregation in isostructural dihaloperfluoroethanes,. CrystEngComm, 2009, 11, 1073.	1.3	21
10	New Polar Phases of 1,4-Diazabicyclo[2.2.2]octane Perchlorate, An NH⁺Â·Â·Â·N Hydrogen-Bonded Ferroelectric. Crystal Growth and Design, 2013, 13, 2872-2879.	1.4	20
11	Why Propane?. Journal of Physical Chemistry C, 2013, 117, 4759-4763.	1.5	20
12	Pressure-Induced Solvate Crystallization of 1,4-Diazabicyclo[2.2.2]octane Perchlorate with Methanol. Crystal Growth and Design, 2014, 14, 2187-2191.	1.4	20
13	Humidity Control of Isostructural Dehydration and Pressure-Induced Polymorphism in 1,4-Diazabicyclo[2.2.2]octane Dihydrobromide Monohydrate. Crystal Growth and Design, 2011, 11, 4892-4899.	1.4	19
14	Halogenâ¯oxygen aggregation and disorder modes in pressure frozen XCF2CF2Xâ€‰:â€‰1,4-dioxane (X = Br,I) complexes. CrystEngComm, 2009, 11, 1240.	1.3	17
15	Molecular association in 2-bromo-2-chloro-1,1,1-trifluoroethane (Halothane). Journal of Fluorine Chemistry, 2009, 130, 248-253.	0.9	16
16	Interpenetrated structure and compressibility studies in pressure frozen pentafluoropyridine crystals at 0.3 and 1.1GPa. Journal of Fluorine Chemistry, 2008, 129, 173-177.	0.9	15
17	Reverse sequence of transitions in prototypic relaxor 1,4-diazabicyclo[2.2.2]octane. CrystEngComm, 2012, 14, 6428.	1.3	13
18	Fluorinated enamines of nucleobases as precursors of nucleoside analogues. Synthesis, spectroscopic and structural studies. New Journal of Chemistry, 2010, 34, 894.	1.4	12

#	Article	IF	Citations
19	Remote halogen switch of amine hydrophilicity. CrystEngComm, 2012, 14, 6374.	1.3	12
20	Cyanide vs. azide â€œmagnetic arm wrestlingâ€: Mn^{II}â€“Nb^{IV}and Mn^{II}â€“Mo^{IV}magnetic coordination polymers with mixed bridging. Chemical Communications, 2017, 53, 9753-9756.	2.2	12
21	High-pressure freezing, crystal structure studies and SiCF3 bond polarizability of trimethyl(trifluoromethyl)silane. Journal of Fluorine Chemistry, 2008, 129, 1090-1095.	0.9	11
22	Pressure-Dependent Crystallization Preference of Resorcinol Polymorphs. Crystal Growth and Design, 2019, 19, 5629-5635.	1.4	11
23	Pressure-Stabilized Solvates of Xylazine Hydrochloride. Crystal Growth and Design, 2016, 16, 3756-3762.	1.4	10
24	A New Ethane Polymorph. Crystal Growth and Design, 2017, 17, 228-232.	1.4	10
25	Short NÂ·Â·Â·N and CHÂ·Â·Â·N Contacts in the Ambient and High-Pressure Polymorphs of a High-Nitrogen-Content Compound. Crystal Growth and Design, 2019, 19, 1832-1838.	1.4	10
26	Pressureâ€“Temperature Phase Diagrams and Transition Mechanisms of Hybrid Organicâ€“Inorganic NHÂ·Â·Â·N Bonded Ferroelectrics. Crystal Growth and Design, 2018, 18, 6488-6496.	1.4	9
27	Solidâ€State Dynamics and Highâ€Pressure Studies of a Supramolecular Spiral Gear. Chemistry - A European Journal, 2020, 26, 5061-5069.	1.7	9
28	Structureâ€“Property Relations and Polymorphism in Compressed Methylamines. Crystal Growth and Design, 2017, 17, 2218-2222.	1.4	8
29	Crystal design by CH...N and N...N interactions: high-pressure structures of high-nitrogen-content azido-triazolopyridazines compounds. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 1136-1142.	0.5	8
30	Pressure-Promoted Solvation of Resorcinol. Crystal Growth and Design, 2020, 20, 3112-3118.	1.4	7
31	Crystal Structure and Nonâ€Hydrostatic Stressâ€Induced Phase Transition of Urotropine Under High Pressure. Chemistry - A European Journal, 2021, 27, 1094-1102.	1.7	7
32	Structureâ€“property relations in chloroacetonitriles. CrystEngComm, 2011, 13, 5212.	1.3	6
33	Spectroscopic and theoretical studies of the H-bonded complex of quinuclidine with 2,6-dichloro-4-nitrophenol. Vibrational Spectroscopy, 2017, 93, 29-35.	1.2	4
34	Stochastic hydration of a high-nitrogen-content molecular compound recrystallized under pressure. IUCrJ, 2022, 9, 49-54.	1.0	4
35	Effect of alkyl chain length in 2-(quinuclidinium)-alkanocarboxylates on structures of their complexes with 2,6-dichloro-4-nitrophenol. Journal of Molecular Structure, 2019, 1180, 812-825.	1.8	0