

Marcin Podsiadło

List of Publications by Year in descending order

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papers

662
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516561

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721
citing authors

#	ARTICLE	IF	CITATIONS
1	Association CH ₂ ⋯N and No van der Waals Contacts at the Lowest Limits of Crystalline Benzene I and II Stability Regions. <i>Crystal Growth and Design</i> , 2010, 10, 3461-3465.	1.4	75
2	Nearly Isostructural Polymorphs of Ethynylbenzene: Resolution of CH ₂ ⋯N(arene) and Cooperative CH ₂ ⋯N(C ₆₀) Interactions by Pressure Freezing. <i>Journal of the American Chemical Society</i> , 2007, 129, 12620-12621.	6.6	64
3	High Pressure (+) Sucrose Polymorph. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2146-2150.	7.2	62
4	Energetics of conformational conversion between 1,1,2-trichloroethane polymorphs. <i>Chemical Communications</i> , 2008, , 4439.	2.2	33
5	In situ high-pressure crystallization and compression of halogen contacts in dichloromethane. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 595-600.	1.8	32
6	Density, freezing and molecular aggregation in pyridazine, pyridine and benzene. <i>CrystEngComm</i> , 2010, 12, 2561.	1.3	32
7	Halogen ⁻ halogen contra C-H ⁻ halogen interactions. <i>CrystEngComm</i> , 2014, 16, 8279-8285.	1.3	32
8	Pressure-induced collapse of guanidinium nitrate N-H ⁻ O bonded honeycomb layers into a 3-D pattern with varied H-acceptor capacity. <i>Chemical Communications</i> , 2011, 47, 2107-2109.	2.2	29
9	1,1-Dichloroethane: A Molecular Crystal Structure without van der Waals Contacts?. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1184-1188.	1.2	26
10	CH ₂ ⋯N Bonds and Dynamics in Isostructural Pyrimidine Polymorphs. <i>Crystal Growth and Design</i> , 2015, 15, 4039-4044.	1.4	25
11	Molecular interactions in crystalline dibromomethane and diiodomethane, and the stabilities of their high-pressure and low-temperature phases. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 1090-1098.	1.8	21
12	Why Propane?. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4759-4763.	1.5	20
13	Competing Patterns of Weak Directional Forces in Pressure-Frozen CH ₂ ClI and CH ₂ Cl ₂ . <i>Journal of Physical Chemistry B</i> , 2008, 112, 5355-5362.	1.2	19
14	Chemistry of density: extension and structural origin of Carnelley's rule in chloroethanes. <i>CrystEngComm</i> , 2012, 14, 4496.	1.3	18
15	Discrete CH ₂ ⋯N Bonded Patterns Modified by Temperature and Pressure in Four Pyrazine Polymorphs. <i>Crystal Growth and Design</i> , 2015, 15, 5670-5674.	1.4	17
16	Isobaric and isochoric freezing of CH ₂ BrCl and isostructural relations between CH ₂ Cl ₂ , CH ₂ Br ₂ and CH ₂ BrCl. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 903-911.	1.8	16
17	Isostructural relations in dihalomethanes and disproportionation of bromiodomethane. <i>CrystEngComm</i> , 2008, 10, 1436.	1.3	16
18	High-pressure crystal structure of methyl iodide: molecular aggregation in the crystals of halomethanes and their isostructural relations,. <i>CrystEngComm</i> , 2009, 11, 1951.	1.3	12

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19	Chiral aggregation hierarchy in high-pressure resolved 2-butanol and 2,3-butanediol. <i>CrystEngComm</i> , 2012, 14, 6419.	1.3	11
20	Molecular Symmetry and Isostructural Relations in Crystal Phases of Trihalomethanes CHCl ₃ , CHBrCl ₂ , CHBr ₂ Cl, and CHBr ₃ . <i>Journal of Physical Chemistry B</i> , 2009, 113, 13195-13201.	1.2	10
21	Electrostatic matching in phase IV of chloriodomethane: a new aggregation pattern in the isostructural classes of dihalomethanes. <i>CrystEngComm</i> , 2009, 11, 1391.	1.3	10
22	A New Ethane Polymorph. <i>Crystal Growth and Design</i> , 2017, 17, 228-232.	1.4	10
23	Short N...N and CH...N Contacts in the Ambient and High-Pressure Polymorphs of a High-Nitrogen-Content Compound. <i>Crystal Growth and Design</i> , 2019, 19, 1832-1838.	1.4	10
24	Crystalline gas of 1,1,1-trichloroethane. <i>CrystEngComm</i> , 2011, 13, 396-398.	1.3	9
25	Structure-Property Relations and Polymorphism in Compressed Methylamines. <i>Crystal Growth and Design</i> , 2017, 17, 2218-2222.	1.4	8
26	Crystal design by CH...N and N...N interactions: high-pressure structures of high-nitrogen-content azido-triazolopyridazines compounds. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 1136-1142.	0.5	8
27	Halogen and hydrogen bonds in compressed pentachloroethane. <i>CrystEngComm</i> , 2016, 18, 5393-5397.	1.3	7
28	Pressure-frozen 1,2,3-trichloropropane. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 1071-1077.	1.8	6
29	Loose crystals engineered by mismatched halogen bonds in hexachloroethane. <i>CrystEngComm</i> , 2018, 20, 328-333.	1.3	5
30	Stochastic hydration of a high-nitrogen-content molecular compound recrystallized under pressure. <i>IUCr</i> , 2022, 9, 49-54.	1.0	4
31	Pitfalls of data mining: triclinic polymorph of 2,2-aziridinedicarboxamide revisited. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 118-123.	1.8	3
32	Properties and interactions of melting point of tribromobenzene isomers. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 632-637.	0.5	3
33	Relations between compression and thermal contraction in 1,2,4-trichlorobenzene and melting of trichlorobenzene isomers. <i>CrystEngComm</i> , 2015, 17, 3446-3451.	1.3	2
34	Vitrification and New Phases in the Water:Pyrimidine Binary Eutectic System. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7190-7196.	1.2	1
35	Response to comment on <i>Properties and interactions of melting point of tribromobenzene isomers</i>. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2022, 78, 276-278.	0.5	0