

Szymon Sobczak

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

269
citations

933264

10
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996849

15
g-index

43
all docs

43
docs citations

43
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Most Frequent Organic Interactions Compressed in Toluene. <i>Crystal Growth and Design</i> , 2016, 16, 1435-1441.	1.4	31
2	Gold nanorods as a high-pressure sensor of phase transitions and refractive-index gauge. <i>Nanoscale</i> , 2019, 11, 8718-8726.	2.8	29
3	Dynamic Covalent Chemistry under High-Pressure: A New Route to Disulfide Metathesis. <i>Chemistry - A European Journal</i> , 2018, 24, 8769-8773.	1.7	28
4	Colossal Strain Release by Conformational Energy Up-Conversion in a Compressed Molecular Crystal. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2539-2545.	1.5	19
5	Solid-State Associative Reactions and the Coordination Compression Mechanism. <i>Inorganic Chemistry</i> , 2018, 57, 8942-8950.	1.9	17
6	Framework and coordination strain in two isostructural hybrid metal-organic perovskites. <i>CrystEngComm</i> , 2018, 20, 5348-5355.	1.3	14
7	Environment-Controlled Postsynthetic Modifications of Iron Formate Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 11773-11781.	1.9	14
8	Zone-Collapse Amorphization Mimicking the Negative Compressibility of a Porous Compound. <i>Crystal Growth and Design</i> , 2018, 18, 1082-1089.	1.4	13
9	High-pressure luminescence of monoclinic and triclinic GdBO ₃ : Eu ³⁺ . <i>Ceramics International</i> , 2020, 46, 26368-26376.	2.3	13
10	Synthesis and Anticancer Activity of Tertiary Amides of Salinomycin and Their C ₂₀ -oxo Analogues. <i>ChemMedChem</i> , 2020, 15, 236-246.	1.6	12
11	Large negative linear compressibility of a porous molecular co-crystal. <i>Chemical Communications</i> , 2020, 56, 4324-4327.	2.2	11
12	Synthesis and Antiproliferative Screening Of Novel Analogs of Regioselectively Demethylated Colchicine and Thiocolchicine. <i>Molecules</i> , 2020, 25, 1180.	1.7	9
13	High-pressure Nucleation of Low-Density Polymorphs**. <i>Chemistry - A European Journal</i> , 2021, 27, 7069-7073.	1.7	9
14	Mechanism of Pressure-Induced Phase Transitions and Structure-Property Relations in Methylhydrazinium Manganese Hypophosphite Perovskites. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10121-10129.	1.5	9
15	High-Pressure Structure and Properties of N,N-Dimethylformamide (DMF). <i>Crystal Growth and Design</i> , 2019, 19, 896-901.	1.4	8
16	Evidence of Pressure-Induced Phase Transitions and Negative Linear Compressibility in Formamidinium Manganese-Hypophosphite Hybrid Perovskite. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26958-26966.	1.5	8
17	Dynamic Resolution of Piezosensitivity in Single Crystals of Conjugated Molecules. <i>Chemistry - A European Journal</i> , 2019, 25, 6092-6097.	1.7	6
18	Squeezing Out the Catalysts: A Sustainable Approach to Disulfide Bond Exchange in Aryl Disulfides. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7171-7178.	3.2	6

#	ARTICLE	IF	CITATIONS
19	Stepwise Stress-Induced Transformations of Metal-Organic Polyhedral Cluster-Based Assemblies: Where Conformational and Supramolecular Features Meet. <i>Chemistry - A European Journal</i> , 2021, 27, 13757-13764.	1.7	4
20	Photoinduced Skeletal Rearrangement of <i>N</i> -Substituted Colchicine Derivatives. <i>Journal of Organic Chemistry</i> , 2021, 86, 11029-11039.	1.7	3
21	Exchanged Metal-Hydrogen Anagostic Bonds and Resonance of Dithiocarbamate and Thioureide Mesomers**. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	3
22	Singularities in Molecular Conformation. <i>Crystal Growth and Design</i> , 2015, 15, 5530-5534.	1.4	1
23	Solvent-controlled elongation and mechanochemical strain in a metal-organic framework. <i>Dalton Transactions</i> , 2021, 50, 17478-17481.	1.6	1
24	Double Modification of Polyether Ionophores: Synthesis and Biological Activity of Novel Salinomycin Derivatives. <i>Proceedings (mdpi)</i> , 2019, 22, 20.	0.2	0
25	High-pressure Nucleation of Low-Density Polymorphs. <i>Chemistry - A European Journal</i> , 2021, 27, 6999-6999.	1.7	0
26	The art of autostereographic presentation of metal-organic frameworks. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C194-C194.	0.0	0
27	Negative compressibility of a metal-organic framework?. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e366-e367.	0.0	0
28	Pressure-induced solid-state reactions of coordination polymers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e369-e369.	0.0	0