

Sergey G Arkhipov

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

225
citations

1039406

9
h-index

996533

15
g-index

20
all docs

20
docs citations

20
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Substituting steel for a polymer in a jar for ball milling does matter. CrystEngComm, 2022, 24, 1700-1703.	1.3	9
2	The Crystal Structure Elucidation of a Tetrapeptide Analog of Somatostatin DOTA-Phe-D-Trp-Lys-Thr-OMe. Crystals, 2022, 12, 12.	1.0	1
3	The unique structure of $[(C_4H_9)_4N]_3[Pb(NO_3)_5]$ – one step forward in understanding transport properties in tetra-n-butylammonium-based solid electrolytes. Structural Chemistry, 2021, 32, 1261-1267.	1.0	4
4	A new guaninate hydrate $K^+ \cdot C_5H_4N_5O \cdot 2H_2O$: crystal structure from 100 to 300 K in a comparison with $2Na^+ \cdot C_5H_3N_5O \cdot 2H_2O$. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 808-818.	0.5	1
5	A cocrystal of <i>L</i> -ascorbic acid with picolinic acid: the role of $O \cdots H \cdots O$, $N \cdots H \cdots O$ and $C \cdots H \cdots O$ hydrogen bonds and <i>L</i> -ascorbic acid conformation in structure stabilization. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 967-978.	0.5	4
6	The role of S-bond in tenoxicam keto-enolic tautomerization. CrystEngComm, 2019, 21, 5392-5401.	1.3	9
7	Chirality-Dependent Growth of Self-Assembled Diphenylalanine Microtubes. Crystal Growth and Design, 2019, 19, 6414-6421.	1.4	38
8	Effect of pressure on slit channels in guanine sodium salt hydrate: a link to nucleobase intermolecular interactions. CrystEngComm, 2019, 21, 4484-4492.	1.3	5
9	A large anisotropic plasticity of <i>L</i> -leucinium hydrogen maleate preserved at cryogenic temperatures. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 143-151.	0.5	17
10	A novel crystal form of metacetamol: the first example of a hydrated form. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1465-1470.	0.2	2
11	Polymorphism of chlorpropamide on liquid-assisted mechanical treatment: choice of liquid and type of mechanical treatment matter. CrystEngComm, 2018, 20, 1797-1803.	1.3	27
12	Crystal structure of a 1:1 salt of 4-aminobenzoic acid (vitamin B ₁₀) with pyrazinoic acid. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1923-1927.	0.2	6
13	New 1:1 and 2:1 salts in the <i>DL</i> -norvaline-maleic acid system as an example of assembling various crystal structures from similar supramolecular building blocks. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 13-19.	0.2	3
14	Crystal structure of a 2:1 co-crystal of meloxicam with acetylenedicarboxylic acid. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1856-1859.	0.2	8
15	Structure-forming units of amino acid maleates. Case study of <i>L</i> -valinium hydrogen maleate. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 160-163.	0.5	14
16	Isoenergetic Polymorphism: The Puzzle of Tolazamide as a Case Study. Chemistry - A European Journal, 2015, 21, 15395-15404.	1.7	24
17	New hydrophobic L-amino acid salts: maleates of L-leucine, L-isoleucine and L-norvaline. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 584-592.	0.2	19
18	An algorithm to identify the existence and reproducibly obtain single crystals of salts and mixed crystals of amino acids suitable for single crystal XRD and Raman spectroscopy experiments. Journal of Structural Chemistry, 2014, 55, 744-749.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Simple and efficient modifications of well known techniques for reliable growth of high-quality crystals of small bioorganic molecules. <i>Journal of Applied Crystallography</i> , 2014, 47, 1435-1442.	1.9	20
20	Semi-maleate salts of L- and DL-serinium: the first example of chiral and racemic serinium salts with the same composition and stoichiometry. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 517-521.	0.4	9