

# 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	Chirality-Dependent Growth of Self-Assembled Diphenylalanine Microtubes. <i>Crystal Growth and Design</i> , 2019, 19, 6414-6421.	1.4	38
2	Polymorphism of chlorpropamide on liquid-assisted mechanical treatment: choice of liquid and type of mechanical treatment matter. <i>CrystEngComm</i> , 2018, 20, 1797-1803.	1.3	27
3	Isoenergetic Polymorphism: The Puzzle of Tolazamide as a Case Study. <i>Chemistry - A European Journal</i> , 2015, 21, 15395-15404.	1.7	24
4	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
5	New hydrophobic L-amino acid salts: maleates of L-leucine, L-isoleucine and L-norvaline. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 584-592.	0.2	19
6	A large anisotropic plasticity of L-leucinium hydrogen maleate preserved at cryogenic temperatures. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 143-151.	0.5	17
7	Structure-forming units of amino acid maleates. Case study of L-valinium hydrogen maleate. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 160-163.	0.5	14
8	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
9	The role of S-bond in tenoxicam keto-enolic tautomerization. <i>CrystEngComm</i> , 2019, 21, 5392-5401.	1.3	9
10	Substituting steel for a polymer in a jar for ball milling does matter. <i>CrystEngComm</i> , 2022, 24, 1700-1703.	1.3	9
11	Crystal structure of a 2:1 co-crystal of meloxicam with acetylenedicarboxylic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1856-1859.	0.2	8
12	Crystal structure of a 1:1 salt of 4-aminobenzoic acid (vitamin B <sub>10</sub> ) with pyrazinoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1923-1927.	0.2	6
13	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. <i>Journal of Structural Chemistry</i> , 2014, 55, 744-749.	0.3	5
14	Effect of pressure on slit channels in guanine sodium salt hydrate: a link to nucleobase intermolecular interactions. <i>CrystEngComm</i> , 2019, 21, 4484-4492.	1.3	5
15	The unique structure of [(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> N] <sub>3</sub> [Pb(NO <sub>3</sub> ) <sub>5</sub> ] – one step forward in understanding transport properties in tetra-n-butylammonium-based solid electrolytes. <i>Structural Chemistry</i> , 2021, 32, 1261-1267.	1.0	4
16	A cocrystal of L-ascorbic acid with picolinic acid: the role of O-H...O, N-H...O and C-H...O hydrogen bonds and L-ascorbic acid conformation in structure stabilization. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 967-978.	0.5	4
17	New 1:1 and 2:1 salts in the DL-norvaline-maleic acid system as an example of assembling various crystal structures from similar supramolecular building blocks. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 13-19.	0.2	3
18	A novel crystal form of metacetamol: the first example of a hydrated form. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1465-1470.	0.2	2

#	ARTICLE	IF	CITATIONS
19	A new guaninate hydrate $K^+ \cdot C_5H_4N_5O^{\sim} \cdot H_2O$ : crystal structure from 100 to 300 K in a comparison with $2Na^+ \cdot C_5H_3N_5O^{2\sim} \cdot 7H_2O$ . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 808-818.	0.5	1
20	The Crystal Structure Elucidation of a Tetrapeptide Analog of Somatostatin DOTA-Phe-D-Trp-Lys-Thr-OMe. <i>Crystals</i> , 2022, 12, 12.	1.0	1