EliÅ¡ka SkoÅepovÃ¡

List of Publications by Year
in descending order

38 papers	517 citations	623188 14 h-index	676716 22 g-index
39 all docs	39 docs citations	39 times ranked	613 citing authors

#	Article	IF	Citations
1	CrystalCMP: an easy-to-use tool for fast comparison of molecular packing. Journal of Applied Crystallography, 2016, 49, 2172-2183.	1.9	72
2	First Crystal Structures of Pharmaceutical Ibrutinib: Systematic Solvate Screening and Characterization. Crystal Growth and Design, 2017, 17, 3116-3127.	1.4	49
3	Polymorphism and thermophysical properties of l- and dl-menthol. Journal of Chemical Thermodynamics, 2019, 131, 524-543.	1.0	35
4	Rationalization of the formation and stability of bosutinib solvated forms. CrystEngComm, 2016, 18, 9260-9274.	1.3	32
5	Studies on the crystal structure and arrangement of water in sitagliptin<scp>l</scp>-tartrate hydrates. CrystEngComm, 2016, 18, 3819-3831.	1.3	27
6	Ibrutinib Polymorphs: Crystallographic Study. Crystal Growth and Design, 2018, 18, 1315-1326.	1.4	23
7	Cocrystals and a Salt of the Bioactive Flavonoid: Naringenin. Crystal Growth and Design, 2018, 18, 4571-4577.	1.4	23
8	A novel Cu(II) distorted cubane complex containing Cu4O4 core as the first tetranuclear catalyst for temperature dependent oxidation of 3,5-di-tert-butyl catechol and in interaction with DNA & protein (BSA). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117593.	2.0	22
9	Systematic solvate screening of trospium chloride: discovering hydrates of a long-established pharmaceutical. CrystEngComm, 2015, 17, 4712-4721.	1.3	20
10	Ivabradine Hydrochloride (S)-Mandelic Acid Co-Crystal: In Situ Preparation during Formulation. Crystals, 2017, 7, 13.	1.0	18
11	Trospium Chloride: Unusual Example of Polymorphism Based on Structure Disorder. Crystal Growth and Design, 2013, 13, 5193-5203.	1.4	17
12	CrystalCMP: automatic comparison of molecular structures. Journal of Applied Crystallography, 2020, 53, 841-847.	1.9	16
13	Characterizing Crystal Disorder of Trospium Chloride: A Comprehensive,13C CP/MAS NMR, DSC, FTIR, and XRPD Study. Journal of Pharmaceutical Sciences, 2013, 102, 1235-1248.	1.6	15
14	Polymorphic Crystallization and Structural Aspects of Agomelatine Metastable Form X Prepared by Combined Antisolvent/Cooling Process. Organic Process Research and Development, 2016, 20, 33-43.	1.3	14
15	Desymmetrization by Asymmetric Copper-Catalyzed Intramolecular Câ€“H Insertion Reactions of Î±-Diazo-Î²-oxosulfones. Journal of Organic Chemistry, 2019, 84, 7543-7563.	1.7	14
16	Increasing dissolution of trospium chloride by co-crystallization with urea. Journal of Crystal Growth, 2014, 399, 19-26.	0.7	13
17	Increase in Solubility of Poorly-Ionizable Pharmaceuticals by Salt Formation: A Case of Agomelatine Sulfonates. Crystal Growth and Design, 2017, 17, 5283-5294.	1.4	13
18	Iodine salts of the pharmaceutical compound agomelatine: the effect of the symmetric H-bond on amide protonation. CrystEngComm, 2016, 18, 4518-4529.	1.3	12

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19	Synthesis, characterization and in vitro evaluation of anticancer activity of a new water-soluble thiosemicarbazone ligand and its complexes. Polyhedron, 2020, 175, 114218.	1.0	12
20	Organic Salts of Pharmaceutical Impurity p-Aminophenol. Molecules, 2020, 25, 1910.	1.7	10
21	Mechanochemically Induced Polymorphic Transformations of Sofosbuvir. Crystal Growth and Design, 2020, 20, 139-147.	1.4	9
22	Formation of the First Non-Isostructural Cocrystal of Apremilast Explained. Crystal Growth and Design, 2020, 20, 5785-5795.	1.4	8
23	COMF: Comprehensive Model-Fitting Method for Simulating Isothermal and Single-Step Solid-State Reactions. Crystals, 2020, 10, 139.	1.0	8
24	Spirocyclic character of ixazomib citrate revealed by comprehensive XRD, NMR and DFT study. Journal of Molecular Structure, 2017, 1148, 22-27.	1.8	6
25	Sodium Aspirin Salts: Crystallization and Characterization. Crystal Growth and Design, 2018, 18, 5287-5294.	1.4	6
26	Explaining dissolution properties of rivaroxaban cocrystals. International Journal of Pharmaceutics, 2022, 622, 121854.	2.6	5
27	Low-temperature polymorphs of lacosamide. Journal of Crystal Growth, 2021, 562, 126085.	0.7	3
28	Exploring the polymorphism of sofosbuvir via mechanochemistry: effect of milling jar geometry and material. CrystEngComm, 2022, 24, 2107-2117.	1.3	3
29	Testing the flow-through capillary for the study of re-solvation processes in pharmaceutical compounds. Powder Diffraction, 2020, 35, 160-165.	0.4	2
30	A combined thermodynamic and crystallographic study of 1,3-diisopropylnaphthalene. Journal of Chemical Thermodynamics, 2020, 150, 106193.	1.0	2
31	Synthesis and crystal structure of a novel cyano-bridged Fe2+- Ce4+ supracomplex, designed to produce an effective catalyst for clean fuel production. Journal of Molecular Structure, 2020, 1211, 128051.	1.8	2
32	Crystal structure of a new polyoxometalate (POM) compound with a high level of crystallographic disorder. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 164-169.	0.2	2
33	Impact of Solventâ€“Drug Interactions on the Desolvation of a Pharmaceutical Solvate. Journal of Physical Chemistry B, 2022, 126, 503-512.	1.2	2
34	Characterization and Insights into the Formation of New Multicomponent Solid Forms of Sofosbuvir. Crystal Growth and Design, 0, , .	1.4	2
35	Synthesis and characterization of a manganese(II) complex containing N(sp ²) ₄ -donor Schiff base ligand and interaction toward biomacromolecules. Inorganic and Nano-Metal Chemistry, 2021, 51, 1570-1579.	0.9	0
36	Structural differences/similarities of diastereotopic groups in three new chiral phosphoramides. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 186-196.	0.2	0

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37	Database Survey of Single-and-Half Phosphorusâ€“Oxygen Bonds in Salts with the C2PO2 Segment: Crystal Structure of [NH2C5H4NH][(C6H5)2P(O)(O)]â‹…2H2O. Crystallography Reports, 2022, 67, 218-223.	0.1	0
38	Structureâ€“property relations of a unique and systematic dataset of 19 isostructural multicomponent apremilast forms. IUCrJ, 2022, 9, 508-515.	1.0	0