

Olga A Lodochnikova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	When two symmetrically independent molecules must be different: α -Crystallization-induced diastereomerization of chiral pinanyl sulfone. <i>CrystEngComm</i> , 2014, 16, 4314-4321.	2.6	25
2	Unraveling the Molecular Mechanism of Selective Antimicrobial Activity of 2(5H)-Furanone Derivative against <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 694.	4.1	23
3	Structural diversity of interaction products of mucochloric acid and its derivatives with 1,2-ethanedithiol. <i>Tetrahedron</i> , 2010, 66, 9945-9953.	1.9	19
4	Meso-substituted-BODIPY based fluorescent biomarker: Spectral characteristics, photostability and possibilities for practical application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 401, 112783.	3.9	19
5	Structural aspects of partial solid solution formation: two crystalline modifications of a chiral derivative of 1,5-dihydro-2 <i>H</i> -pyrrol-2-one under consideration. <i>CrystEngComm</i> , 2017, 19, 7277-7286.	2.6	18
6	Sulfur-Containing Monoterpenoids as Potential Antithrombotic Drugs: Research in the Molecular Mechanism of Coagulation Activity Using Pinanyl Sulfoxide as an Example. <i>Frontiers in Pharmacology</i> , 2018, 9, 116.	3.5	16
7	Intermolecular <i>head-to-head</i> interaction of carbonyl groups in bicyclic hydrogen-bonded synthon based on β -hydroxy ketones. <i>CrystEngComm</i> , 2019, 21, 1587-1599.	2.6	16
8	Design, Spectral Characteristics, and Possibilities for Practical Application of BODIPY FL-Labeled Monoterpenoid. <i>ACS Applied Bio Materials</i> , 2021, 4, 6227-6235.	4.6	16
9	α -Doubly enantiophobic behavior during crystallization of racemic 1,5-dihydro-2 <i>H</i> -pyrrol-2-one thioether. <i>CrystEngComm</i> , 2018, 20, 3218-3227.	2.6	14
10	Novel enantiopure monophospholes: synthesis, spatial and electronic structure, photophysical characteristics and conjugation effects. <i>Dalton Transactions</i> , 2018, 47, 11521-11529.	3.3	11
11	Spectroscopic and In Vitro Investigations of Boron(III) Complex with Meso-4-Methoxycarbonylpropylsubstituted Dipyrrromethene for Fluorescence Bioimaging Applications. <i>Molecules</i> , 2020, 25, 4541.	3.8	11
12	Study of α -Racemic Compound-Like Behavior of Diastereomeric Mixture of Pinanyl Sulfoxides by X-Ray Diffraction, IR Spectroscopy, and DFT Calculations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 615-629.	1.6	10
13	S=O \cdots S=O Interactions as a Driving Force for Low-Temperature Conformational Rearrangement of Stable H-Bonding $\{S(O)-CH_2-CH_2-OH\}_2$ Synthon in two Modifications of Diastereomeric Pinanyl Sulfoxides Co-Crystal. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 2222-2231.	1.6	9
14	Development of Approaches to the Study of the Interaction of Biologically Active Thioterpenoids with Model Membranes. <i>BioNanoScience</i> , 2017, 7, 600-607.	3.5	9
15	The second example of doubly enantiophobic behavior during crystallization: a detailed crystallographic, thermochemical and spectroscopic study. <i>CrystEngComm</i> , 2021, 23, 3907-3918.	2.6	8
16	Zn ²⁺ = 2 crystallization of the three isomeric piridinoylhydrazone derivatives of isosteviol. <i>CrystEngComm</i> , 2014, 16, 6234-6243.	2.6	7
17	Co-Ligand Induced Chiral Recognition of N-Thiophosphorylated Thioureas in Crystalline Ni(II) Complexes. <i>Crystal Growth and Design</i> , 2019, 19, 4044-4056.	3.0	6
18	Effects of ms-aryl substitution on the structure and spectral properties of new CH(Ar)-bis(BODIPY) luminophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120393.	3.9	6

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19	From classical to supramolecular dynamic stereochemistry: Double crystallization-induced diastereomerization of thiazine sulfonamide. <i>Chirality</i> , 2021, 33, 409-420.	2.6	5
20	Isobornanyl sulfoxides and isobornanyl sulfone: Physicochemical characteristics and the features of crystal structure. <i>Journal of Molecular Structure</i> , 2021, 1239, 130491.	3.6	5
21	Extraordinary behavior of β^2 -hydroxy sulfoxides and sulfone of pinane series. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 187-191.	1.6	4
22	Facile Access to Optically Active 2,6-Dialkyl-1,5-Diazacyclooctanes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4048-4054.	3.3	4
23	Chirality, Gelation Ability and Crystal Structure: Together or Apart? Alkyl Phenyl Ethers of Glycerol as Simple LMWGs. <i>Symmetry</i> , 2021, 13, 732.	2.2	4
24	π -synthon interaction as a reason for the strong amplification of synthon-forming hydrogen bonds. <i>CrystEngComm</i> , 2019, 21, 1499-1511.	2.6	3
25	Design, Spectral Characteristics, Photostability, and Possibilities for Practical Application of BODIPY FL-Labeled Thioterpenoid. <i>Bioengineering</i> , 2022, 9, 210.	3.5	3
26	Synthesis and Antifungal Activity of β^2 -Hydroxysulfides of 1,3-Dioxepane Series. <i>Journal of Chemistry</i> , 2018, 2018, 1-14.	1.9	2
27	Reactions of derivatives of phosphorylacetic acid hydrazides with 3,5-di-tert-butyl-4-hydroxybenzyl acetate. <i>Synthetic Communications</i> , 2020, 50, 41-47.	2.1	2
28	Ethene-1,1,2,2-tetracarbonitrile and Methanol in the Methylating Reaction of Tertiary Amines to the Quaternary Ammonium Compounds of 1,1-Dicyano-2-methoxy-2-oxoethane-1-ide. <i>Synlett</i> , 2019, 30, 173-177.	1.8	0