

# Ewa Å»esÅ»,awska

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

421  
citations

840776

11  
h-index

888059

17  
g-index

51  
all docs

51  
docs citations

51  
times ranked

527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of protonation on the geometry of 2-[(2,6-dimethylphenoxy)ethyl]amino-1-phenylethan-1-ol: crystal structures of the free base and of its chloride and 3-hydroxybenzoate salt forms. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 14-22.	0.5	0
2	Discovery of Cinnamylidene Derivative of Rhodanine with High Anthelmintic Activity against <i>Rhabditis</i> sp.. <i>Molecules</i> , 2022, 27, 2155.	3.8	5
3	An exit beyond the pharmacophore model for 5-HT <sub>6</sub> R agents - a new strategy to gain dual 5-HT <sub>6</sub> /5-HT <sub>2A</sub> action for triazine derivatives with procognitive potential. <i>Bioorganic Chemistry</i> , 2022, 121, 105695.	4.1	8
4	Synthesis, Crystal Structures, Lipophilic Properties and Antimicrobial Activity of 5-Pyridylmethylidene-3-rhodanine-carboxyalkyl Acids Derivatives. <i>Molecules</i> , 2022, 27, 3975.	3.8	4
5	The relationship between stereochemical and both, pharmacological and ADME-Tox, properties of the potent hydantoin 5-HT <sub>7</sub> R antagonist MF-8. <i>Bioorganic Chemistry</i> , 2021, 106, 104466.	4.1	1
6	Molecular Insights into an Antibiotic Enhancer Action of New Morpholine-Containing 5-Arylideneimidazolones in the Fight against MDR Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2062.	4.1	7
7	An insight into the structure of 5-spiro aromatic derivatives of imidazolidine-2,4-dione, a new group of very potent inhibitors of tumor multidrug resistance in T-lymphoma cells. <i>Bioorganic Chemistry</i> , 2021, 109, 104735.	4.1	9
8	Crystallographic studies of piperazine derivatives of 3-methyl-5-spirofluorenehydantoin in search of structural features of P-gp inhibitors. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 467-478.	0.5	4
9	Influence of chlorine and methyl substituents and their position on the antimicrobial activities and crystal structures of 4-methyl-1,6-diphenylpyrimidine-2(1 <i>H</i> )-selenone derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 649-658.	0.5	0
10	Phenylpiperazine 5,5-Dimethylhydantoin Derivatives as First Synthetic Inhibitors of Msr(A) Efflux Pump in <i>Staphylococcus epidermidis</i> . <i>Molecules</i> , 2020, 25, 3788.	3.8	7
11	Chlorine substituents and linker topology as factors of 5-HT <sub>6</sub> R activity for novel highly active 1,3,5-triazine derivatives with procognitive properties in vivo. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112529.	5.5	14
12	S(+)-(2E)-N-(2-Hydroxypropyl)-3-Phenylprop-2-Enamide (KM-568): A Novel Cinnamamide Derivative with Anticonvulsant Activity in Animal Models of Seizures and Epilepsy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4372.	4.1	3
13	Antibacterial properties of 5-substituted derivatives of rhodanine-3-carboxyalkyl acids. Part II. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 414-426.	2.7	5
14	Influence of the position of the methyl substituent and <i>N</i> -oxide formation on the geometry and intermolecular interactions of 1-(phenoxyethyl)piperidin-4-ol derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 30-36.	0.5	5
15	The conformational analyses of 2-amino- <i>N</i> -[2-(dimethylphenoxy)ethyl]propan-1-ol derivatives in different environments. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 681-689.	0.5	1
16	Effect of the position of a methoxy substituent on the antimicrobial activity and crystal structures of 4-methyl-1,6-diphenylpyrimidine-2(1 <i>H</i> )-selenone derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 359-366.	0.5	1
17	Discovery of Novel UV-Filters with Favorable Safety Profiles in the 5-Arylideneimidazolidine-2,4-dione Derivatives Group. <i>Molecules</i> , 2019, 24, 2321.	3.8	8
18	Synthesis of <i>N</i> -(phenoxyalkyl)- <i>N</i> -(2-((2-(phenoxy)ethoxy)ethyl)amino)- <i>N</i> -(phenoxyacetyl)piperazine Derivatives and Their Activity Within the Central Nervous System. <i>ChemistrySelect</i> , 2019, 4, 9381-9391.	1.5	4

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19	5-Arylideneimidazolones with Amine at Position 3 as Potential Antibiotic Adjuvants against Multidrug Resistant Bacteria. <i>Molecules</i> , 2019, 24, 438.	3.8	11
20	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. <i>New Journal of Chemistry</i> , 2019, 43, 6021-6031.	2.8	23
21	Highly efficient microwave synthesis of rhodanine and 2-thiohydantoin derivatives and determination of relationships between their chemical structures and antibacterial activity. <i>RSC Advances</i> , 2019, 9, 39367-39380.	3.6	19
22	Pharmacophoric features for a very potent 5- <i>spirofluorenehydantoin</i> inhibitor of cancer efflux pump ABCB1, based on X-ray analysis. <i>Chemical Biology and Drug Design</i> , 2019, 93, 844-853.	3.2	12
23	Computer-aided insights into receptor-ligand interaction for novel 5-arylhydantoin derivatives as serotonin 5-HT 7 receptor agents with antidepressant activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 147, 102-114.	5.5	16
24	Synthesis and anticonvulsant activity of phenoxyacetyl derivatives of amines, including aminoalkanols and amino acids. <i>MedChemComm</i> , 2018, 9, 1933-1948.	3.4	8
25	Influence of 3-{5-[4-(diethylamino)benzylidene]rhodanine}propionic acid on the conformation of 5-(4-chlorobenzylidene)-2-(4-methylpiperazin-1-yl)-3-imidazol-4(5H)-one. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1427-1433.	0.5	5
26	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. <i>Anticancer Research</i> , 2018, 38, 4577-4584.	1.1	6
27	The role of aryl-topology in balancing between selective and dual 5-HT <sub>7</sub> /5-HT <sub>1A</sub> actions of 3,5-substituted hydantoins. <i>MedChemComm</i> , 2018, 9, 1033-1044.	3.4	7
28	Cinnamide pharmacophore for anticonvulsant activity: evidence from crystallographic studies. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 782-788.	0.5	5
29	Supramolecular architectures of succinates of 1-hydroxypropan-2-aminium derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 856-862.	0.5	9
30	Physicochemical and biological evaluation of a cinnamide derivative (2-(3-(4-hydroxypiperidin-1-yl)phenyl)propanoic acid) (KM608) for nervous system disorders. <i>Chemical Biology and Drug Design</i> , 2017, 90, 244-253.	3.2	8
31	Spectral Characteristic and Preliminary Anticancer Activity <i>in vitro</i> of Selected Rhodanine-3-carboxylic Acids Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2889-2897.	2.6	11
32	Structural analysis and antimicrobial activity of 2[ <sup>1</sup> H]-pyrimidinethione/selenone derivatives. <i>Journal of Molecular Structure</i> , 2017, 1142, 261-266.	3.6	19
33	Structure-anticonvulsant activity studies in the group of (E)-N-cinnamoyl aminoalkanols derivatives monosubstituted in phenyl ring with 4-Cl, 4-CH <sub>3</sub> or 2-CH <sub>3</sub> . <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 471-482.	3.0	19
34	Conformational study of (Z)-5-(4-chlorobenzylidene)-2-[4-(2-hydroxyethyl)piperazin-1-yl]-3-imidazol-4(5H)-one in different environments: insight into the structural properties of bacterial efflux pump inhibitors. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 1151-1157.	0.5	6
35	Crystallographic studies of cinnamide derivatives as a means of searching for anticonvulsant activity. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 953-959.	0.5	5
36	Conformational study of the 3,6-dihydro-2H-1,4-oxazin-2-one fragment in 8-tert-butyl-7-methoxy-8-methyl-9-oxa-6-azaspiro[4.5]decane-2,10-dione stereoisomers. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 556-562.	0.5	0

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37	The Crystal Structures of Three Rhodanine-3-Carboxylic Acids. <i>Journal of Chemical Crystallography</i> , 2016, 46, 181-187.	1.1	9
38	The 5-aromatic hydantoin-3-acetate derivatives as inhibitors of the tumour multidrug resistance efflux pump P-glycoprotein (ABCB1): Synthesis, crystallographic and biological studies. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2815-2822.	3.0	33
39	Anticonvulsant Activity of Enantiomeric <i>N</i> - <i>trans</i> -Cinnamoyl Derivatives of 2-Aminopropanol and 2-Aminobutanol. <i>Chirality</i> , 2016, 28, 482-488.	2.6	4
40	Anticonvulsant activity, crystal structures, and preliminary safety evaluation of <i>N</i> - <i>trans</i> -cinnamoyl derivatives of selected (un)modified aminoalkanols. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 26-37.	5.5	16
41	Design, physico-chemical properties and biological evaluation of some new <i>N</i> -[(phenoxy)alkyl]- and <i>N</i> -{2-[2-(phenoxy)ethoxy]ethyl}aminoalkanols as anticonvulsant agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1793-1810.	3.0	14
42	The Synthesis and Crystal Structures of the Homologues of Epalrestat. <i>Journal of Chemical Crystallography</i> , 2015, 45, 151-157.	1.1	11
43	<i>N</i> -[(2,6-Dimethylphenoxy)alkyl]aminoalkanols – their physicochemical and anticonvulsant properties. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4197-4217.	3.0	18
44	The synthesis, molecular structure and spectra properties of sulphur and selenium deferiprone analogues. <i>Arxiv</i> , 2015, 2015, 216-230.	0.5	5
45	Influence of Amodiaquine on the Antimalarial Activity of Ellagic Acid: Crystallographic and Biological Studies. <i>Chemical Biology and Drug Design</i> , 2014, 84, 669-675.	3.2	4
46	The Role of Solvent in Hydrogen Bonding Pattern of Ellagic Acid Crystals. <i>Journal of Chemical Crystallography</i> , 2013, 43, 285-291.	1.1	3
47	Geometry of GPPE binding to picrate and to the urokinase type plasminogen activator. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6212-6215.	2.2	7
48	The crystal structures of 3-TAPAP in complexes with the urokinase-type plasminogen activator and picrate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 228-234.	2.2	8
49	Amiloride Conformation: The Effect of Different Crystalline Environments. <i>Structural Chemistry</i> , 2004, 15, 567-571.	2.0	11
50	The Crystal and Molecular Structure of 3-Methyl-5- <i>p</i> -methylbenzylidene-2-selenohydantoin. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 261-268.	1.6	5