Ewa Å»esÅ‚awska

List of Publications by Year
in descending order

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	The 5-aromatic hydantoin-3-acetate derivatives as inhibitors of the tumour multidrug resistance efflux pump P-glycoprotein (ABCB1): Synthesis, crystallographic and biological studies. Bioorganic and Medicinal Chemistry, 2016, 24, 2815-2822.	3.0	33
2	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. New Journal of Chemistry, 2019, 43, 6021-6031.	2.8	23
3	Structural analysis and antimicrobial activity of 2[1H]-pyrimidinethione/selenone derivatives. Journal of Molecular Structure, 2017, 1142, 261-266.	3.6	19
4	Structure-anticonvulsant activity studies in the group of (E)-N-cinnamoyl aminoalkanols derivatives monosubstituted in phenyl ring with 4-Cl, 4-CH3 or 2-CH3. Bioorganic and Medicinal Chemistry, 2017, 25, 471-482.	3.0	19
5	Highly efficient microwave synthesis of rhodanine and 2-thiohydantoin derivatives and determination of relationships between their chemical structures and antibacterial activity. RSC Advances, 2019, 9, 39367-39380.	3.6	19
6	N-[(2,6-Dimethylphenoxy)alkyl]aminoalkanolsâ€"their physicochemical and anticonvulsant properties. Bioorganic and Medicinal Chemistry, 2015, 23, 4197-4217.	3.0	18
7	Anticonvulsant activity, crystal structures, and preliminary safety evaluation of N-trans-cinnamoyl derivatives of selected (un)modified aminoalkanols. European Journal of Medicinal Chemistry, 2016, 107, 26-37.	5.5	16
8	Computer-aided insights into receptor-ligand interaction for novel 5-arylhydantoin derivatives as serotonin 5-HT 7 receptor agents with antidepressant activity. European Journal of Medicinal Chemistry, 2018, 147, 102-114.	5.5	16
9	Design, physico-chemical properties and biological evaluation of some new N-[(phenoxy)alkyl]- and N-{2-[2-(phenoxy)ethoxy]ethyl}aminoalkanols as anticonvulsant agents. Bioorganic and Medicinal Chemistry, 2016, 24, 1793-1810.	3.0	14
10	Chlorine substituents and linker topology as factors of 5-HT6R activity for novel highly active 1,3,5-triazine derivatives with procognitive properties inÂvivo. European Journal of Medicinal Chemistry, 2020, 203, 112529.	5.5	14
11	Pharmacophoric features for a very potent 5â€spirofluorenehydantoin inhibitor of cancer efflux pump <scp>ABCB</scp>1, based on Xâ€ray analysis. Chemical Biology and Drug Design, 2019, 93, 844-853.	3.2	12
12	Amiloride Conformation: The Effect of Different Crystalline Environments. Structural Chemistry, 2004, 15, 567-571.	2.0	11
13	The Synthesis and Crystal Structures of the Homologues of Epalrestat. Journal of Chemical Crystallography, 2015, 45, 151-157.	1.1	11
14	Spectral Characteristic and Preliminary Anticancer Activity in vitro of Selected Rhodanineâ€3â€carboxylic Acids Derivatives. Journal of Heterocyclic Chemistry, 2017, 54, 2889-2897.	2.6	11
15	5-Arylideneimidazolones with Amine at Position 3 as Potential Antibiotic Adjuvants against Multidrug Resistant Bacteria. Molecules, 2019, 24, 438.	3.8	11
16	The Crystal Structures of Three Rhodanine-3-Carboxylic Acids. Journal of Chemical Crystallography, 2016, 46, 181-187.	1.1	9
17	Supramolecular architectures of succinates of 1-hydroxypropan-2-aminium derivatives. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 856-862.	0.5	9
18	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. Bioorganic Chemistry, 2021, 109, 104735.	4.1	9

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19	The crystal structures of 3-TAPAP in complexes with the urokinase-type plasminogen activator and picrate. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 228-234.	2.2	8
20	Synthesis and anticonvulsant activity of phenoxyacetyl derivatives of amines, including aminoalkanols and amino acids. MedChemComm, 2018, 9, 1933-1948.	3.4	8
21	Discovery of Novel UV-Filters with Favorable Safety Profiles in the 5-Arylideneimidazolidine-2,4-dione Derivatives Group. Molecules, 2019, 24, 2321.	3.8	8
22	An exit beyond the pharmacophore model for 5-HT6R agents - a new strategy to gain dual 5-HT6/5-HT2A action for triazine derivatives with procognitive potential. Bioorganic Chemistry, 2022, 121, 105695.	4.1	8
23	Geometry of GPPE binding to picrate and to the urokinase type plasminogen activator. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6212-6215.	2.2	7
24	The role of aryl-topology in balancing between selective and dual 5-HT₇R/5-HT_{1A}actions of 3,5-substituted hydantoins. MedChemComm, 2018, 9, 1033-1044.	3.4	7
25	Phenylpiperazine 5,5-Dimethylhydantoin Derivatives as First Synthetic Inhibitors of Msr(A) Efflux Pump in Staphylococcus epidermidis. Molecules, 2020, 25, 3788.	3.8	7
26	Molecular Insights into an Antibiotic Enhancer Action of New Morpholine-Containing 5-Arylideneimidazolones in the Fight against MDR Bacteria. International Journal of Molecular Sciences, 2021, 22, 2062.	4.1	7
27	Physicochemical and biological evaluation of a cinnamamide derivative R,Sâ€(2E)â€1â€(3â€hydroxypiperidinâ€1â€yl)â€3â€phenylpropâ€2â€enâ€1â€one (KMâ€608) for nervous system diso Chemical Biology and Drug Design, 2017, 90, 244-253.	3.2	6
28	Conformational study of (Z)-5-(4-chlorobenzylidene)-2-[4-(2-hydroxyethyl)piperazin-1-yl]-3H-imidazol-4(5H)-one in different environments: insight into the structural properties of bacterial efflux pump inhibitors. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 1151-1157.	0.5	6
29	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. Anticancer Research, 2018, 38, 4577-4584.	1.1	6
30	The Crystal and Molecular Structure of 3-Methyl-5-p-methylbenzylidene-2-selenohydantoin. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 261-268.	1.6	5
31	Crystallographic studies of cinnamamide derivatives as a means of searching for anticonvulsant activity. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 953-959.	0.5	5
32	Influence of 3-{5-[4-(diethylamino)benzylidene]rhodanine}propionic acid on the conformation of 5-(4-chlorobenzylidene)-2-(4-methylpiperazin-1-yl)-3H-imidazol-4(5H)-one. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1427-1433.	0.5	5
33	Cinnamamide pharmacophore for anticonvulsant activity: evidence from crystallographic studies. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 782-788.	0.5	5
34	Antibacterial properties of 5-substituted derivatives of rhodanine-3-carboxyalkyl acids. Part II. Saudi Pharmaceutical Journal, 2020, 28, 414-426.	2.7	5
35	Influence of the position of the methyl substituent and N-oxide formation on the geometry and intermolecular interactions of 1-(phenoxyethyl)piperidin-4-ol derivatives. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 30-36.	0.5	5
36	The synthesis, molecular structure and spectra properties of sulphur and selenium deferiprone analogues. Arkivoc, 2015, 2015, 216-230.	0.5	5

#	ARTICLE	IF	CITATIONS
37	Discovery of Cinnamylidene Derivative of Rhodanine with High Anthelmintic Activity against Rhabditis sp.. Molecules, 2022, 27, 2155.	3.8	5
38	Influence of Amodiaquine on the Antimalarial Activity of Ellagic Acid: Crystallographic and Biological Studies. Chemical Biology and Drug Design, 2014, 84, 669-675.	3.2	4
39	Anticonvulsant Activity of Enantiomeric Nâ€transâ€Cinnamoyl Derivatives of 2â€Aminopropanâ€1â€ols and 2â€Aminobutanâ€1â€ols. Chirality, 2016, 28, 482-488.	2.6	4
40	Synthesis of N â€(phenoxyalkyl)â€, N â€{2â€[2â€(phenoxy)ethoxy]ethyl}â€•or N â€(phenoxyacetyl)piperazine Derivatives and Their Activity Within the Central Nervous System. ChemistrySelect, 2019, 4, 9381-9391.	1.5	4
41	Crystallographic studies of piperazine derivatives of 3-methyl-5-spirofluorenehydantoin in search of structural features of P-gp inhibitors. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 467-478.	0.5	4
42	Synthesis, Crystal Structures, Lipophilic Properties and Antimicrobial Activity of 5-Pyridylmethylidene-3-rhodanine-carboxyalkyl Acids Derivatives. Molecules, 2022, 27, 3975.	3.8	4
43	The Role of Solvent in Hydrogen Bonding Pattern of Ellagic Acid Crystals. Journal of Chemical Crystallography, 2013, 43, 285-291.	1.1	3
44	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. International Journal of Molecular Sciences, 2020, 21, 4372.	4.1	3
45	The relationship between stereochemical and both, pharmacological and ADME-Tox, properties of the potent hydantoin 5-HT7R antagonist MF-8. Bioorganic Chemistry, 2021, 106, 104466.	4.1	1
46	The conformational analyses of 2-amino-N-[2-(dimethylphenoxy)ethyl]propan-1-ol derivatives in different environments. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 681-689.	0.5	1
47	Effect of the position of a methoxy substituent on the antimicrobial activity and crystal structures of 4-methyl-1,6-diphenylpyrimidine-2(1H)-selenone derivatives. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 359-366.	0.5	1
48	Influence of chlorine and methyl substituents and their position on the antimicrobial activities and crystal structures of 4-methyl-1,6-diphenylpyrimidine-2(1H)-selenone derivatives. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 649-658.	0.5	0
49	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. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 556-562.	0.5	0
50	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. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 14-22.	0.5	0