

Ewa Szymanska

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

443
citations

13
h-index

20
g-index

37
ext. papers

521
ext. citations

4.1
avg. IF

2.93
L-index

#	Paper	IF	Citations
33	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	5.1	3
32	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	0.8	0
31	Search for ABCB1 Modulators Among 2-Amine-5-Arylideneimidazolones as a New Perspective to Overcome Cancer Multidrug Resistance. <i>Molecules</i> , 2020 , 25,	4.8	5
30	Discovery of phenylselenoether-hydantoin hybrids as ABCB1 efflux pump modulating agents with cytotoxic and antiproliferative actions in resistant T-lymphoma. <i>European Journal of Medicinal Chemistry</i> , 2020 , 200, 112435	6.8	13
29	N-Substituted piperazine derivatives as potential multitarget agents acting on histamine H receptor and cancer resistance proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127522	2.9	2
28	Characterization of In Vitro and In Vivo Metabolism of Antazoline Using Liquid Chromatography-Tandem Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
27	Tricyclic xanthine derivatives containing a basic substituent: adenosine receptor affinity and drug-related properties. <i>MedChemComm</i> , 2018 , 9, 951-962	5	8
26	Phenylalanine derivatives with modulating effects on human α -glycine receptors and anticonvulsant activity in strychnine-induced seizure model in male adult rats. <i>Epilepsy Research</i> , 2017 , 138, 124-131	3	9
25	Aryl- and heteroaryl-substituted phenylalanines as AMPA receptor ligands. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 1271-1281	2.9	0
24	Pharmacological characterization and binding modes of novel racemic and optically active phenylalanine-based antagonists of AMPA receptors. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 874-883	6.8	0
23	Similarities and differences in affinity and binding modes of tricyclic pyrimido- and pyrazinoxanthines at human and rat adenosine receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 4347-4362	3.4	13
22	Design, synthesis and structure-activity relationships of novel phenylalanine-based amino acids as kainate receptors ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5568-5572	2.9	0
21	Studies on Aryl-Substituted Phenylalanines: Synthesis, Activity, and Different Binding Modes at AMPA Receptors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 448-61	8.3	6
20	Efflux Pump Blockers in Gram-Negative Bacteria: The New Generation of Hydantoin Based-Modulators to Improve Antibiotic Activity. <i>Frontiers in Microbiology</i> , 2016 , 7, 622	5.7	11
19	Imidazolidine-4-one derivatives in the search for novel chemosensitizers of Staphylococcus aureus MRSA: synthesis, biological evaluation and molecular modeling studies. <i>European Journal of Medicinal Chemistry</i> , 2015 , 101, 313-25	6.8	17
18	Discovery of novel lead in the group of N-substituted piperazine ether derivatives with potential histamine H3 receptor activity. <i>Medicinal Chemistry</i> , 2014 , 10, 588-99	1.8	3
17	Synthesis, biological activity and molecular modelling studies of tricyclic alkylimidazo-, pyrimido- and diazepinopurinediones. <i>Purinergic Signalling</i> , 2013 , 9, 395-414	3.8	12

16	Methods for the synthesis of xanthine-derived polycyclic fused systems. <i>Heterocyclic Communications</i> , 2013 , 19,	1.7	5
15	Search for new tools to combat Gram-negative resistant bacteria among amine derivatives of 5-arylidenehydantoin. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 135-45	3.4	26
14	Synthesis and SAR-study for novel arylpiperazine derivatives of 5-arylidenehydantoin with β -adrenoceptor antagonistic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4245-57	3.4	21
13	Structural and pharmacological characterization of phenylalanine-based AMPA receptor antagonists at kainate receptors. <i>ChemMedChem</i> , 2012 , 7, 1793-8	3.7	10
12	A new phenylalanine derivative acts as an antagonist at the AMPA receptor GluA2 and introduces partial domain closure: synthesis, resolution, pharmacology, and crystal structure. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 7289-98	8.3	16
11	Amine-alkyl derivatives of hydantoin: new tool to combat resistant bacteria. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 5807-16	6.8	28
10	Pharmacophore models based studies on the affinity and selectivity toward 5-HT _{1A} with reference to β -adrenergic receptors among arylpiperazine derivatives of phenytoin. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 1349-60	3.4	20
9	Crystallographic studies of (Z) and (E) isomers of 2-amino-5-(2-chlorobenzylidene)-1-methyl-1H-imidazol-4(5H)-one. <i>Journal of Molecular Structure</i> , 2010 , 966, 14-17	3.4	4
8	Synthesis of 5-arylidene-2-amino-4-azolones and evaluation of their anticancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 5090-102	3.4	72
7	Crystallographic and spectroscopic studies of 5-arylidene-2-amino-imidazol-4-ones. <i>Journal of Molecular Structure</i> , 2009 , 930, 126-134	3.4	10
6	3-Substituted phenylalanines as selective AMPA- and kainate receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6390-401	3.4	13
5	The lipophilicity estimation of 5-arylidene derivatives of (2-thio)hydantoin with antimycobacterial activity. <i>Biomedical Chromatography</i> , 2007 , 21, 291-8	1.7	9
4	Antimycobacterial activity of 5-arylidene aromatic derivatives of hydantoin. <i>Il Farmaco</i> , 2002 , 57, 355-62		32
3	Antimicrobial activity of 5-arylidene aromatic derivatives of hydantoin. Part 2. <i>Il Farmaco</i> , 2002 , 57, 39-44		33
2	Imidazo-thiazine, -diazinone and -diazepinone derivatives. Synthesis, structure and benzodiazepine receptor binding. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 407-19	6.8	33
1	Arylidene imidazothiazoles. Synthesis, structure and benzodiazepine receptor binding. <i>Journal of Heterocyclic Chemistry</i> , 1999 , 36, 257-263	1.9	8