Katarzyna Kucwaj-Brysz

List of Publications by Year
in descending order

14 papers	294 citations	1040056 9 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	556 citing authors

#	Article	IF	Citations
1	SEL120-34A is a novel CDK8 inhibitor active in AML cells with high levels of serine phosphorylation of STAT1 and STAT5 transactivation domains. Oncotarget, 2017, 8, 33779-33795.	1.8	70
2	In the search for a lead structure among series of potent and selective hydantoin 5â€‹scp›HT‹/scp›‹sub›7‹/sub›R agents: The drugâ€‹likeness in vitro study. Chemical Biology and Drug Design, 2017, 90, 1295-1306.	3.2	41
3	SAR-studies on the importance of aromatic ring topologies in search for selective 5-HT7 receptor ligands among phenylpiperazine hydantoin derivatives. European Journal of Medicinal Chemistry, 2014, 78, 324-339.	5.5	36
4	MF-8, a novel promising arylpiperazine-hydantoin based 5-HT 7 receptor antagonist: In vitro drug-likeness studies and in vivo pharmacological evaluation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 878-883.	2.2	36
5	Chemical update on the potential for serotonin 5-HT6 and 5-HT7 receptor agents in the treatment of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2021, 49, 128275.	2.2	23
6	Rational design in search for 5-phenylhydantoin selective 5-HT7R antagonists. Molecular modeling, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2016, 112, 258-269.	5.5	21
7	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
8	The Significance of Halogen Bonding in Ligandâ€“Receptor Interactions: The Lesson Learned from Molecular Dynamic Simulations of the D4 Receptor. Molecules, 2020, 25, 91.	3.8	15
9	The Phenoxyalkyltriazine Antagonists for 5-HT6 Receptor with Promising Procognitive and Pharmacokinetic Properties In Vivo in Search for a Novel Therapeutic Approach to Dementia Diseases. International Journal of Molecular Sciences, 2021, 22, 10773.	4.1	11
10	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
11	The role of aryl-topology in balancing between selective and dual 5-HT‹sub›7‹/sub›R/5-HT‹sub›1A‹/sub›actions of 3,5-substituted hydantoins. MedChemComm, 2018, 9, 1033-1044.	3.4	7
12	Computerâ€Aided Search for 5â€Arylideneimidazolone Anticancer Agents Able To Overcome ABCB1â€Based Multidrug Resistance. ChemMedChem, 2021, 16, 2386-2401.	3.2	4
13	The Structural Determinants for Î±1-Adrenergic/Serotonin Receptors Activity among Phenylpiperazine-Hydantoin Derivatives. Molecules, 2021, 26, 7025.	3.8	4
14	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