MaÅ‚gorzata Dukat

List of Publications by Year
in descending order

42 papers	779 citations	567281 15 h-index	526287 27 g-index
42 all docs	42 docs citations	42 times ranked	832 citing authors

#	Article	IF	Citations
1	2-Substituted Tryptamines:â€‰ Agents with Selectivity for 5-HT₆Serotonin Receptors. Journal of Medicinal Chemistry, 2000, 43, 1011-1018.	6.4	149
2	Structureâ^'Activity Relationships for the Binding of Arylpiperazines and Arylbiguanides at 5-HT3Serotonin Receptors. Journal of Medicinal Chemistry, 1996, 39, 4017-4026.	6.4	59
3	Lobeline:Â Structureâ^'Affinity Investigation of Nicotinic Acetylcholinergic Receptor Binding. Journal of Medicinal Chemistry, 1999, 42, 3726-3731.	6.4	57
4	Structure-Activity Relationships of Synthetic Cathinones. Current Topics in Behavioral Neurosciences, 2016, 32, 19-47.	1.7	44
5	Arylguanidine and arylbiguanide binding at 5-HT3 serotonin receptors: A QSAR study. Bioorganic and Medicinal Chemistry, 2003, 11, 4449-4454.	3.0	42
6	Binding of Serotonin and N1-Benzenesulfonyltryptamine-Related Analogs at Human 5-HT6 Serotonin Receptors: Receptor Modeling Studies. Journal of Medicinal Chemistry, 2008, 51, 603-611.	6.4	36
7	2-Amino-6-chloro-3,4-dihydroquinazoline: A novel 5-HT3 receptor antagonist with antidepressant character. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5945-5948.	2.2	36
8	The 5-HT 3 agent N -(3-chlorophenyl)guanidine (MD-354) serves as a discriminative stimulus in rats and displays partial agonist character in a shrew emesis assay. Psychopharmacology, 2000, 150, 200-207.	3.1	28
9	Pharmacology of novel nicotinic analogs. Drug Development Research, 1996, 38, 177-187.	2.9	26
10	Effect of 5-HT3 Receptor Over-Expression on the Discriminative Stimulus Effects of Ethanol. Alcoholism: Clinical and Experimental Research, 2004, 28, 1161-1171.	2.4	23
11	Binding of tryptamine analogs at h5-HT1E receptors: a structureâ€“affinity investigation. Bioorganic and Medicinal Chemistry, 2004, 12, 2545-2552.	3.0	23
12	Epibatidine: impact on nicotinic receptor research. Cellular and Molecular Neurobiology, 2003, 23, 365-378.	3.3	22
13	Conformationally-Restricted analogues and partition coefficients of the 5-HT3 serotonin receptor ligands meta-Chlorophenylbiguanide (mCPBG) and meta-Chlorophenylguanidine (mCPG). Bioorganic and Medicinal Chemistry Letters, 2003, 13, 1119-1123.	2.2	22
14	The binding of arylguanidines at 5-HT3 serotonin receptors: a structureâ€“affinity investigation. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1599-1603.	2.2	21
15	Functional diversity among 5-substituted nicotine analogs; in vitro and in vivo investigations. European Journal of Pharmacology, 2002, 435, 171-180.	3.5	15
16	Effect of PMA optical isomers and 4-MTA in PMMA-trained rats. Pharmacology Biochemistry and Behavior, 2002, 72, 299-305.	2.9	15
17	Psychedelic-like Properties of Quipazine and Its Structural Analogues in Mice. ACS Chemical Neuroscience, 2021, 12, 831-844.	3.5	14
18	MD-354 potentiates the antinociceptive effect of clonidine in the mouse tail-flick but not hot-plate assay. European Journal of Pharmacology, 2004, 495, 129-136.	3.5	13

#	Article	IF	Citations
19	Multi-modal antidepressant-like action of 6- and 7-chloro-2-aminodihydroquinazolines in the mouse tail suspension test. Psychopharmacology, 2019, 236, 2093-2104.	3.1	11
20	Superagonist, Full Agonist, Partial Agonist, and Antagonist Actions of Arylguanidines at 5-Hydroxytryptamine-3 (5-HT₃) Subunit A Receptors. ACS Chemical Neuroscience, 2016, 7, 1565-1574.	3.5	10
21	Revised Pharmacophore Model for 5-HT_{2A} Receptor Antagonists Derived from the Atypical Antipsychotic Agent Risperidone. ACS Chemical Neuroscience, 2019, 10, 2318-2331.	3.5	10
22	MD-354: What is It Good For?. CNS Neuroscience & Therapeutics, 2007, 13, 1-20.	4.0	9
23	Reevaluation of fenpropimorph as a Ïƒ receptor ligand: Structure-affinity relationship studies at human Ïƒ1 receptors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2912-2919.	2.2	9
24	Reformulating a Pharmacophore for 5-HT_{2A} Serotonin Receptor Antagonists. ACS Chemical Neuroscience, 2016, 7, 1292-1299.	3.5	8
25	5-HT3 Serotonin Receptor Agonists: A Pharmacophoric Journey. Current Medicinal Chemistry - Central Nervous System Agents, 2004, 4, 77-94.	0.5	7
26	(Â±)8-Amino-5,6,7,8-tetrahydroisoquinolines as novel antinociceptive agents. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3651-3654.	2.2	7
27	3-(2-Aminoethyl)pyridine analogs as Î±4Î²2 nicotinic cholinergic receptor ligands. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4308-4312.	2.2	7
28	5-ZATRYPTAMINE ANALOGS AS h5-HT6 SEROTONIN RECEPTOR LIGANDS. Medicinal Chemistry Research, 2005, 14, 1-18.	2.4	7
29	The 5-HT3 receptor partial agonist MD-354 (meta-chlorophenylguanidine) enhances the discriminative stimulus actions of (+)amphetamine in rats. Pharmacology Biochemistry and Behavior, 2007, 87, 203-207.	2.9	7
30	des-Formylflustrabromine (dFBr): A Structureâ€“Activity Study on Its Ability To Potentiate the Action of Acetylcholine at Î±4Î²2 Nicotinic Acetylcholine Receptors. ACS Chemical Neuroscience, 2018, 9, 2984-2996.	3.5	7
31	A new chemotype inhibitor for the human organic cation transporter 3 (hOCT3). Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4440-4445.	2.2	6
32	Non-conserved residues dictate dopamine transporter selectivity for the potent synthetic cathinone and psychostimulant MDPV. Neuropharmacology, 2021, 200, 108820.	4.1	6
33	Evaluation of galantamine and deconstructed analogs as Î±7 nAChR and AChE ligands. Results in Chemistry, 2022, 4, 100286.	2.0	5
34	MD-354 selectively antagonizes the antinociceptive effects of (â^')nicotine in the mouse tail-flick assay. Psychopharmacology, 2010, 210, 547-557.	3.1	4
35	Antinociceptive Synergism of MDâ€354 and Clonidine. Part II. The Î±₂â€Adrenoceptor Component. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 690-697.	2.5	4
36	â€œMethylene Bridgeâ€•to 5-HT₃ Receptor Antagonists: Conformationally Constrained Phenylguanidines. ACS Chemical Neuroscience, 2019, 10, 1380-1389.	3.5	3

#	ARTICLE	IF	CITATIONS
37	Review of 3D templates for in silico homology models of MATs: improved 3D model of hDAT. Medicinal Chemistry Research, 2022, 31, 643-651.	2.4	3
38	N₁H- and N₁-Substituted Phenylguanidines as Î±7 Nicotinic Acetylcholine (nACh) Receptor Antagonists: Structureâ€“Activity Relationship Studies. ACS Chemical Neuroscience, 2021, 12, 2194-2201.	3.5	2
39	Computational analysis of non-competitive antagonist arylguanidine-Î±7 nAChR complexes. Journal of Molecular Graphics and Modelling, 2021, 107, 107943.	2.4	1
40	Synthetic Cathinones: A Brief Overview of Overviews with Applications to the Forensic Sciences. Annals of Forensic Research and Analysis, 2017, 4, .	0.0	1
41	X-ray crystal structure of a 2-amino-3,4-dihydroquinazoline 5-HT3 serotonin receptor antagonist and related analogs. Journal of Molecular Structure, 2020, 1202, 127276.	3.6	0
42	Medicinal chemistry: The key to critical thinking in pharmacotherapy. Currents in Pharmacy Teaching and Learning, 2022, 14, 253-257.	1.0	0