

Magdalena JastrzÄbska-WiÄsek

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,168
citations

393982

19
h-index

454577

30
g-index

63
all docs

63
docs citations

63
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	An exit beyond the pharmacophore model for 5-HT ₆ R agents - a new strategy to gain dual 5-HT ₆ /5-HT _{2A} action for triazine derivatives with procognitive potential. <i>Bioorganic Chemistry</i> , 2022, 121, 105695.	2.0	8
2	Design, synthesis, and behavioral evaluation of dual-acting compounds as phosphodiesterase type 10A (PDE10A) inhibitors and serotonin ligands targeting neuropsychiatric symptoms in dementia. <i>European Journal of Medicinal Chemistry</i> , 2022, 233, 114218.	2.6	4
3	Effect of 5-HT ₆ Receptor Ligands Combined with Haloperidol or Risperidone on Antidepressant-/Anxiolytic-Like Behavior and BDNF Regulation in Hippocampus and Prefrontal Cortex of Rats. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 2105-2127.	1.0	6
4	Multifunctional Arylsulfone and Arylsulfonamide-Based Ligands with Prominent Mood-Modulating Activity and Benign Safety Profile, Targeting Neuropsychiatric Symptoms of Dementia. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12603-12629.	2.9	5
5	A new class of 5-HT _{1A} receptor antagonists with procognitive and antidepressant properties. <i>Future Medicinal Chemistry</i> , 2021, 13, 1497-1514.	1.1	2
6	The Phenoxyalkyltriazine Antagonists for 5-HT ₆ Receptor with Promising Procognitive and Pharmacokinetic Properties In Vivo in Search for a Novel Therapeutic Approach to Dementia Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10773.	1.8	11
7	The preclinical discovery and development of paliperidone for the treatment of schizophrenia. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 279-292.	2.5	12
8	Antidepressant-like activity and safety profile evaluation of 1H-imidazo[2,1-f]purine-2,4(3H,8H)-dione derivatives as 5-HT _{1A} receptor partial agonists. <i>PLoS ONE</i> , 2020, 15, e0237196.	1.1	7
9	The antidepressant-like activity of chiral xanثone derivatives may be mediated by 5-HT _{1A} receptor and β -arrestin signalling. <i>Journal of Psychopharmacology</i> , 2020, 34, 1431-1442.	2.0	2
10	Discovery of Novel pERK1/2- or β -Arrestin-Preferring 5-HT _{1A} Receptor-Biased Agonists: Diversified Therapeutic-like versus Side Effect Profile. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10946-10971.	2.9	15
11	Novel anilide and benzamide derivatives of arylpiperazinylalkanoic acids as 5-HT _{1A} /5-HT ₇ receptor antagonists and phosphodiesterase 4/7 inhibitors with procognitive and antidepressant activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112437.	2.6	19
12	Chlorine substituents and linker topology as factors of 5-HT ₆ 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.	2.6	14
13	Multifunctional 6-fluoro-3-[3-(pyrrolidin-1-yl)propyl]-1,2-benzoxazoles targeting behavioral and psychological symptoms of dementia (BPSD). <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112149.	2.6	4
14	The 1,3,5-Triazine Derivatives as Innovative Chemical Family of 5-HT ₆ Serotonin Receptor Agents with Therapeutic Perspectives for Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3420.	1.8	43
15	5-HT ₆ receptor agonist and antagonist improve memory impairments and hippocampal BDNF signaling alterations induced by MK-801. <i>Brain Research</i> , 2019, 1722, 146375.	1.1	27
16	Novel Aryloxyethyl Derivatives of 1-(1-Benzoylpiperidin-4-yl)methanamine as the Extracellular Regulated Kinases 1/2 (ERK1/2) Phosphorylation-Preferring Serotonin 5-HT _{1A} Receptor-Biased Agonists with Robust Antidepressant-like Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2750-2771.	2.9	21
17	Synthesis and computer-aided SAR studies for derivatives of phenoxyalkyl-1,3,5-triazine as the new potent ligands for serotonin receptors 5-HT ₆ . <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 740-751.	2.6	18
18	Are the Hydantoin-1,3,5-triazine 5-HT ₆ R Ligands a Hope to a Find New Procognitive and Anti-Obesity Drug? Considerations Based on Primary In Vivo Assays and ADME-Tox Profile In Vitro. <i>Molecules</i> , 2019, 24, 4472.	1.7	18

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19	Characteristics of metabolic stability and the cell permeability of 2- <i>pyrimidinyl</i> - <i>piperazinyl</i> -alkyl derivatives of 1 <i>H</i> -imidazo[2,1- <i>b</i>]purine-2,4-(3 <i>H</i> ,8 <i>H</i>)-dione with antidepressant and anxiolytic-like activities. <i>Chemical Biology and Drug Design</i> , 2019, 93, 511-521.	1.5	8
20	Novel antagonists of 5-HT ₆ and/or 5-HT ₇ receptors affect the brain monoamines metabolism and enhance the anti-immobility activity of different antidepressants in rats. <i>Behavioural Brain Research</i> , 2019, 359, 9-16.	1.2	6
21	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.	2.6	16
22	MF-8, a novel promising arylpiperazine-hydantoin based 5-HT ₇ receptor antagonist: In vitro drug-likeness studies and in vivo pharmacological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 878-883.	1.0	36
23	Activity of Serotonin 5-HT _{1A} Receptor Biased Agonists in Rat: Anxiolytic and Antidepressant-like properties. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1040-1050.	1.7	47
24	The preclinical discovery and development of cariprazine for the treatment of schizophrenia. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 779-790.	2.5	13
25	Study on the effect of EMD386088, a 5-HT ₆ receptor partial agonist, in enhancing the anti-immobility action of some antidepressants in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 37-49.	1.4	7
26	Computer-Aided Studies for Novel Arylhydantoin 1,3,5-Triazine Derivatives as 5-HT ₆ Serotonin Receptor Ligands with Antidepressant-Like, Anxiolytic and Antiobesity Action In Vivo. <i>Molecules</i> , 2018, 23, 2529.	1.7	18
27	Chronic antidepressant-like effect of EMD386088, a partial 5-HT ₆ receptor agonist, in olfactory bulbectomy model may be connected with BDNF and/or CREB signalling pathway. <i>Pharmacological Reports</i> , 2018, 70, 1047-1056.	1.5	5
28	Synthesis and biological investigations of 3-aminotropane arylamide derivatives with atypical antipsychotic profile. <i>Medicinal Chemistry Research</i> , 2018, 27, 1906-1928.	1.1	2
29	Novel 5-HT ₇ R antagonists, arylsulfonamide derivatives of (aryloxy)propyl piperidines: Add-on effect to the antidepressant activity of SSRI and DRI, and pro-cognitive profile. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2789-2799.	1.4	18
30	The computer-aided discovery of novel family of the 5-HT ₆ serotonin receptor ligands among derivatives of 4-benzyl-1,3,5-triazine. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 117-124.	2.6	33
31	The impact of the halogen bonding on D ₂ and 5-HT _{1A} /5-HT ₇ receptor activity of azinesulfonamides of 4-[(2-ethyl)piperidinyl-1-yl]phenylpiperazines with antipsychotic and antidepressant properties. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3638-3648.	1.4	24
32	In the search for a lead structure among series of potent and selective hydantoin 5-HT ₇ R agents: The drug-likeness in vitro study. <i>Chemical Biology and Drug Design</i> , 2017, 90, 1295-1306.	1.5	41
33	Novel 3-(1,2,3,6-Tetrahydropyridin-4-yl)-1 <i>H</i> -indole-Based Multifunctional Ligands with Antipsychotic-Like, Mood-Modulating, and Procognitive Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7483-7501.	2.9	25
34	Metabolic and Cardiovascular Benefits and Risks of EMD386088: A 5-HT ₆ Receptor Partial Agonist and Dopamine Transporter Inhibitor. <i>Frontiers in Neuroscience</i> , 2017, 11, 50.	1.4	16
35	N1-Azinylsulfonyl-1 <i>H</i> -indoles: 5-HT ₆ Receptor Antagonists with Procognitive and Antidepressant-Like Properties. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 618-622.	1.3	42
36	Study of a mechanism responsible for potential antidepressant activity of EMD 386088, a 5-HT ₆ partial agonist in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 839-849.	1.4	16

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37	Synthesis and biological investigation of new equatorial (\hat{I}^2) stereoisomers of 3-aminotropane arylamides with atypical antipsychotic profile. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3994-4007.	1.4	8
38	Towards new 5-HT ₇ antagonists among arylsulfonamide derivatives of (aryloxy)ethyl-alkyl amines: Multiobjective based design, synthesis, and antidepressant and anxiolytic properties. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 334-346.	2.6	28
39	ADN-1184, a monoaminergic ligand with 5-HT _{6/7} receptor antagonist action, exhibits activity in animal models of anxiety. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 593-602.	1.4	11
40	N-Alkylated arylsulfonamides of (aryloxy)ethyl piperidines: 5-HT ₇ receptor selectivity versus multireceptor profile. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 130-139.	1.4	16
41	Arylpiperazinylalkyl derivatives of 8-amino-1,3-dimethylpurine-2,6-dione as novel multitarget 5-HT/D receptor agents with potential antipsychotic activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1048-1062.	2.5	10
42	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT _{1A} and 5-HT ₇ Antagonists in Animal Models. <i>PLoS ONE</i> , 2015, 10, e0142499.	1.1	39
43	Arylsulfonamide derivatives of (aryloxy)ethylpiperidines as selective 5-HT ₇ receptor antagonists and their psychotropic properties. <i>MedChemComm</i> , 2015, 6, 1272-1277.	3.5	13
44	Towards novel 5-HT ₇ versus 5-HT _{1A} receptor ligands among LCAPs with cyclic amino acid amide fragments: Design, synthesis, and antidepressant properties. Part II. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 202-211.	2.6	16
45	Novel 5-HT ₆ receptor antagonists/D ₂ receptor partial agonists targeting behavioral and psychological symptoms of dementia. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 221-235.	2.6	26
46	Antidepressant-like activity of EMD 386088, a 5-HT ₆ receptor partial agonist, following systemic acute and chronic administration to rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 1079-1088.	1.4	16
47	Antidepressant- and anxiolytic-like activity of 7-phenylpiperazinylalkyl-1,3-dimethyl-purine-2,6-dione derivatives with diversified 5-HT _{1A} receptor functional profile. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 212-221.	1.4	31
48	Novel tricyclic[2,1- <i>f</i>]theophylline derivatives of LCAP with activity in mouse models of affective disorders. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 1755-1762.	1.2	7
49	Pharmacological evaluation of the anxiolytic-like effects of EMD 386088, a partial 5-HT ₆ receptor agonist, in the rat elevated plus-maze and Vogel conflict tests. <i>Neuropharmacology</i> , 2014, 85, 253-262.	2.0	18
50	Antidepressant and antipsychotic activity of new quinoline- and isoquinoline-sulfonamide analogs of aripiprazole targeting serotonin 5-HT _{1A} /5-HT _{2A} /5-HT ₇ and dopamine D ₂ /D ₃ receptors. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 42-50.	2.6	81
51	Partial agonist efficacy of EMD386088, a 5-HT ₆ receptor ligand, in functional in vitro assays. <i>Pharmacological Reports</i> , 2013, 65, 998-1005.	1.5	17
52	New 8-aminoalkyl derivatives of purine-2,6-dione with arylalkyl, allyl or propynyl substituents in position 7, their 5-HT _{1A} , 5-HT _{2A} , and 5-HT ₇ receptor affinity and pharmacological evaluation. <i>Pharmacological Reports</i> , 2013, 65, 15-29.	1.5	15
53	Synthesis and Pharmacological Evaluation of Novel Tricyclic[2,1- <i>f</i>]theophylline Derivatives. <i>Archiv Der Pharmazie</i> , 2013, 346, 832-839.	2.1	7
54	Synthesis and SAR-study for novel arylpiperazine derivatives of 5-arylidenehydantoin with \hat{I}^1 -adrenoceptor antagonistic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4245-4257.	1.4	23

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55	Quinoline- and isoquinoline-sulfonamide derivatives of LCAP as potent CNS multi-receptor 5-HT1A/5-HT2A/5-HT7 and D2/D3/D4 agents: The synthesis and pharmacological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1545-1556.	1.4	59
56	Anxiolytic-like activity of zinc in rodent tests. <i>Pharmacological Reports</i> , 2011, 63, 1050-1055.	1.5	32
57	Tail suspension test does not detect antidepressant-like properties of atypical antipsychotics. <i>Behavioural Pharmacology</i> , 2011, 22, 7-13.	0.8	8
58	Derivatives of pyrrolo[3,4-d]pyridazinone, a new class of analgesic agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4992-4999.	2.6	30
59	Arene- and quinoline-sulfonamides as novel 5-HT7 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6750-6759.	1.4	33
60	Behavioral Pharmacology: Potential Antidepressant and Anxiolytic Properties. <i>International Review of Neurobiology</i> , 2011, 96, 49-71.	0.9	12
61	The selective 5-HT1A receptor agonist, NLX-112, overcomes tetrabenazine-induced catalepsy and depression-like behavior in the rat. <i>Behavioural Pharmacology</i> , 0, Publish Ahead of Print, .	0.8	0