

Monika GÅ,uch-Lutwin

List of Publications by Year in descending order

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55
papers

734
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516215

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610482

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all docs

55
docs citations

55
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Modulation of the MOP Receptor (μ Opioid Receptor) by Imidazo[1,2-a]imidazole-5,6-Diones: In Search of the Elucidation of the Mechanism of Action. <i>Molecules</i> , 2022, 27, 2930.	1.7	2
3	Eosinophils adhesion assay as a tool for phenotypic drug screening - The pharmacology of 1,3,5-triazine and 1H-indole like derivatives against the human histamine H4 receptor. <i>European Journal of Pharmacology</i> , 2021, 890, 173611.	1.7	5
4	The selective 5-HT1A receptor biased agonists, F15599 and F13714, show antidepressant-like properties after a single administration in the mouse model of unpredictable chronic mild stress. <i>Psychopharmacology</i> , 2021, 238, 2249-2260.	1.5	11
5	Synthesis and Evaluation of the Antidepressant-like Properties of HBK-10, a Novel 2-Methoxyphenylpiperazine Derivative Targeting the 5-HT1A and D2 Receptors. <i>Pharmaceuticals</i> , 2021, 14, 744.	1.7	4
6	A new class of 5-HT1A receptor antagonists with procognitive and antidepressant properties. <i>Future Medicinal Chemistry</i> , 2021, 13, 1497-1514.	1.1	2
7	Discovery of 1-(phenylsulfonyl)-1H-indole-based multifunctional ligands targeting cholinesterases and 5-HT6 receptor with anti-aggregation properties against amyloid-beta and tau. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113783.	2.6	11
8	Development and crystallography-aided SAR studies of multifunctional BuChE inhibitors and 5-HT6R antagonists with β -amyloid anti-aggregation properties. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113792.	2.6	13
9	Antidepressant-like activity and safety profile evaluation of 1H-imidazo[2,1-f]purine-2,4(3H,8H)-dione derivatives as 5-HT1A receptor partial agonists. <i>PLoS ONE</i> , 2020, 15, e0237196.	1.1	7
10	The antidepressant-like activity of chiral xanthone derivatives may be mediated by 5-HT1A receptor and β -arrestin signalling. <i>Journal of Psychopharmacology</i> , 2020, 34, 1431-1442.	2.0	2
11	Impact of N-Alkylamino Substituents on Serotonin Receptor (5-HTR) Affinity and Phosphodiesterase 10A (PDE10A) Inhibition of Isoindole-1,3-dione Derivatives. <i>Molecules</i> , 2020, 25, 3868.	1.7	6
12	Synthesis, Anticonvulsant and Antinociceptive Activity of New Hybrid Compounds: Derivatives of 3-(3-Methylthiophen-2-yl)-pyrrolidine-2,5-dione. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5750.	1.8	12
13	6-Acetyl-5-hydroxy-4,7-dimethylcoumarin derivatives: Design, synthesis, modeling studies, 5-HT1A, 5-HT2A and D2 receptors affinity. <i>Bioorganic Chemistry</i> , 2020, 100, 103912.	2.0	8
14	Novel anilide and benzamide derivatives of arylpiperazinylalkanoic acids as 5-HT1A/5-HT7 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
15	8-Benzylaminoxanthine scaffold variations for selective ligands acting on adenosine A2A receptors. Design, synthesis and biological evaluation. <i>Bioorganic Chemistry</i> , 2020, 101, 104033.	2.0	5
16	Chlorine substituents and linker topology as factors of 5-HT6R activity for novel highly active 1,3,5-triazine derivatives with procognitive properties <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112529.	2.6	14
17	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
18	Vanadium complexes with salicylaldehyde-based Schiff base ligands: structure, properties and biological activity. <i>Journal of Coordination Chemistry</i> , 2020, 73, 986-1008.	0.8	23

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19	Novel multitarget 5-arylidenehydantoins with arylpiperazinealkyl fragment: Pharmacological evaluation and investigation of cytotoxicity and metabolic stability. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4163-4173.	1.4	8
20	New Dual Small Molecules for Alzheimer's Disease Therapy Combining Histamine H ₃ Receptor (H3R) Antagonism and Calcium Channels Blockade with Additional Cholinesterase Inhibition. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11416-11422.	2.9	30
21	Synthesis of N-(phenoxyalkyl)-N-(2-(phenoxy)ethoxy)ethyl- or N-(phenoxyacetyl)piperazine Derivatives and Their Activity Within the Central Nervous System. <i>ChemistrySelect</i> , 2019, 4, 9381-9391.	0.7	4
22	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
23	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
24	Alkyl derivatives of 1,3,5-triazine as histamine H ₄ receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1254-1262.	1.4	10
25	Characteristics of metabolic stability and the cell permeability of 2-pyrimidinyl-piperazinylalkyl derivatives of 1H-imidazo[2,1-b]purine-2,4(3H,8H)-dione with antidepressant and anxiolytic-like activities. <i>Chemical Biology and Drug Design</i> , 2019, 93, 511-521.	1.5	8
26	Cell-based Screening For Identification Of The Novel Vanadium Complexes With Multidirectional Activity Relative To The Cells And The Mechanisms Associated With Metabolic Disorders. <i>Science Technology and Innovation</i> , 2019, 4, 47-54.	0.0	3
27	Tridentate hydrazido-hydrazones vanadium complexes. Synthesis, properties and biological activity. <i>Science Technology and Innovation</i> , 2019, 4, 9-20.	0.0	3
28	Potential of adipogenesis and insulinomimetic effects of novel vanadium complex (N'-[(E)-(5-bromo-2-oxophenyl)methylidene]-4-methoxybenzohydrazide)oxido(1,10-phenanthroline)vanadium(IV) in 3T3-L1 cells. <i>Science Technology and Innovation</i> , 2019, 4, 55-62.	0.0	1
29	Single Administration of HBK-15, a Triple 5-HT _{1A} , 5-HT ₇ , and 5-HT ₃ Receptor Antagonist Reverses Depressive-Like Behaviors in Mouse Model of Depression Induced by Corticosterone. <i>Molecular Neurobiology</i> , 2018, 55, 3931-3945.	1.9	20
30	Evaluation of anticonvulsant and analgesic activity of new hybrid compounds derived from N-phenyl-2-(2,5-dioxopyrrolidin-1-yl)-propanamides and α -butanamides. <i>Epilepsy Research</i> , 2018, 143, 11-19.	0.8	10
31	Novel Multitarget-Directed Ligands Aiming at Symptoms and Causes of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1195-1214.	1.7	44
32	5-HT _{1A} and 5-HT _{2A} receptors affinity, docking studies and pharmacological evaluation of a series of 8-acetyl-7-hydroxy-4-methylcoumarin derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 527-535.	1.4	18
33	HBK-17, a 5-HT _{1A} Receptor Ligand With Anxiolytic-Like Activity, Preferentially Activates β -Arrestin Signaling. <i>Frontiers in Pharmacology</i> , 2018, 9, 1146.	1.6	15
34	Synthesis and activity of di- or trisubstituted N-(phenoxyalkyl)- or N-{2-[2-(phenoxy)ethoxy]ethyl}piperazine derivatives on the central nervous system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2039-2049.	1.0	7
35	Synthesis of a new series of aryl/heteroaryl piperazinyl derivatives of 8-acetyl-7-hydroxy-4-methylcoumarin with low nanomolar 5-HT _{1A} affinities. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 108-116.	2.6	15
36	Development of selective agents targeting serotonin 5HT _{1A} receptors with subnanomolar activities based on a coumarin core. <i>MedChemComm</i> , 2017, 8, 1690-1696.	3.5	8

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37	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
38	HBK-15 protects mice from stress-induced behavioral disturbances and changes in corticosterone, BDNF, and NGF levels. <i>Behavioural Brain Research</i> , 2017, 333, 54-66.	1.2	18
39	Aryl-1,3,5-triazine ligands of histamine H4 receptor attenuate inflammatory and nociceptive response to carrageen, zymosan and lipopolysaccharide. <i>Inflammation Research</i> , 2017, 66, 79-95.	1.6	26
40	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3 <i>H</i> -1,2,4-triazole-3-thione - a novel anticonvulsant drug candidate. <i>International Journal of Medical Sciences</i> , 2017, 14, 741-749.	1.1	19
41	Functional selectivity "chance for better and safer drugs?. <i>Postepy Psychiatrii I Neurologii</i> , 2017, 26, 165-178.	0.2	1
42	HBK-7 " A new xanthone derivative and a 5-HT1A receptor antagonist with antidepressant-like properties. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 146-147, 35-43.	1.3	17
43	Synthesis and activity of newly designed aroxyalkyl or aroxyethoxyethyl derivatives of piperazine on the cardiovascular and the central nervous systems. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5315-5321.	1.0	7
44	Structure "5-HT ₂ Receptor Affinity Relationship in a New Group of Arylpiperazynylalkyl Derivatives of 8-Dialkylamino-3,7-dimethyl-1 <i>H</i> -purine-2,6(3 <i>H</i> ,7 <i>H</i>)-dione. <i>Archiv Der Pharmazie</i> , 2016, 349, 774-784.		2
45	Novel multi-target-directed ligands for Alzheimer's disease: Combining cholinesterase inhibitors and 5-HT ₆ receptor antagonists. Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 63-81.	2.6	72
46	Aminoalkyl Derivatives of 8-Alkoxy-purine-2,6-diones: Multifunctional 5-HT _{1A} /5-HT ₇ Receptor Ligands and PDE Inhibitors with Antidepressant Activity. <i>Archiv Der Pharmazie</i> , 2016, 349, 889-903.	2.1	9
47	Synthesis and biological evaluation of 2-fluoro and 3-trifluoromethyl-phenyl-piperazinylalkyl derivatives of 1 <i>H</i> -imidazo[2,1- <i>f</i>]purine-2,4(3 <i>H</i> ,8 <i>H</i>)-dione as potential antidepressant agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 10-24.	2.5	21
48	Pyrolidin-2-one derivatives may reduce body weight in rats with diet-induced obesity. <i>European Journal of Pharmacology</i> , 2016, 776, 146-155.	1.7	15
49	Arylpiperazinylalkyl derivatives of 8-amino-1,3-dimethylpurine-2,6-dione as novel multitarget 5-HT ₇ receptor agents with potential antipsychotic activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1048-1062.	2.5	10
50	HBK-14 and HBK-15 Do Not Influence Blood Pressure, Lipid Profile, Glucose Level, or Liver Enzymes Activity after Chronic Treatment in Rats. <i>PLoS ONE</i> , 2016, 11, e0165495.	1.1	8
51	RECEPTOR AFFINITY AND PHOSPHODIESTERASES 4B AND 10A ACTIVITY OF OCTAHYDRO- AND 6,7-DIMETHOXY-3,4-DIHYDRO- ISOQUINOLIN-2(1H)-YL-ALKYL DERIVATIVES OF IMIDAZO- AND PYRIMIDINO[2,1- <i>f</i>]PURINES. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 369-77.	0.3	3
52	A Comparison of the Anorectic Effect and Safety of the Alpha2-Adrenoceptor Ligands Guanfacine and Yohimbine in Rats with Diet-Induced Obesity. <i>PLoS ONE</i> , 2015, 10, e0141327.	1.1	28
53	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT1A and 5-HT7 Antagonists in Animal Models. <i>PLoS ONE</i> , 2015, 10, e0142499.	1.1	39
54	Influence of analgesic active 3-[4-(3-trifluoromethyl-phenyl)-piperazin-1-yl]-dihydrofuran-2-one on the antioxidant status, glucose utilization and lipid accumulation in some in vitro and in vivo assays. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 204-211.	1.3	3

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55	Evaluation of analgesic, antioxidant, cytotoxic and metabolic effects of pregabalin for the use in neuropathic pain. <i>Neurological Research</i> , 2013, 35, 948-958.	0.6	16