Barbara Mordyl

List of Publications by Year
in descending order

31	428	623574 14	794469 19
papers	citations	h-index	g-index

31	31	31	669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT1A and 5-HT7 Antagonists in Animal Models. PLoS ONE, 2015, 10, e0142499.	1.1	39
2	Synthesis, coordination properties and biological activity of vanadium complexes with hydrazone Schiff base ligands. Polyhedron, 2020, 185, 114589.	1.0	32
3	New Dual Small Molecules for Alzheimerâ€™s Disease Therapy Combining Histamine H₃ Receptor (H3R) Antagonism and Calcium Channels Blockade with Additional Cholinesterase Inhibition. Journal of Medicinal Chemistry, 2019, 62, 11416-11422.	2.9	30
4	A Comparison of the Anorectic Effect and Safety of the Alpha2-Adrenoceptor Ligands Guanfacine and Yohimbine in Rats with Diet-Induced Obesity. PLoS ONE, 2015, 10, e0141327.	1.1	28
5	Design, synthesis, and biological evaluation of fluorinated imidazo[1,2- a]pyridine derivatives with potential antipsychotic activity. European Journal of Medicinal Chemistry, 2016, 124, 456-467.	2.6	27
6	Assemblies of salen-type oxidovanadium(<scp>iv</scp>) complexes: substituent effects and in vitro protein tyrosine phosphatase inhibition. Dalton Transactions, 2014, 43, 17044-17053.	1.6	22
7	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3H-1,2,4-triazole-3-thione - a novel anticonvulsant drug candidate. International Journal of Medical Sciences, 2017, 14, 741-749.	1.1	19
8	Synthesis and computer-aided SAR studies for derivatives of phenoxyalkyl-1,3,5-triazine as the new potent ligands for serotonin receptors 5-HT6. European Journal of Medicinal Chemistry, 2019, 178, 740-751.	2.6	18
9	Characterization and antidiabetic activity of salicylhydrazone Schiff base vanadium(IV) and (V) complexes. Transition Metal Chemistry, 2021, 46, 201-217.	0.7	18
10	Partial agonist efficacy of EMD386088, a 5-HT6 receptor ligand, in functional in vitro assays. Pharmacological Reports, 2013, 65, 998-1005.	1.5	17
11	HBK-7 â€" A new xanthone derivative and a 5-HT1A receptor antagonist with antidepressant-like properties. Pharmacology Biochemistry and Behavior, 2016, 146-147, 35-43.	1.3	17
12	Evaluation of analgesic, antioxidant, cytotoxic and metabolic effects of pregabalin for the use in neuropathic pain. Neurological Research, 2013, 35, 948-958.	0.6	16
13	Pyrrolidin-2-one derivatives may reduce body weight in rats with diet-induced obesity. European Journal of Pharmacology, 2016, 776, 146-155.	1.7	15
14	Chlorine substituents and linker topology as factors of 5-HT6R activity for novel highly active 1,3,5-triazine derivatives with procognitive properties inÂvivo. European Journal of Medicinal Chemistry, 2020, 203, 112529.	2.6	14
15	Development and crystallography-aided SAR studies of multifunctional BuChE inhibitors and 5-HT6R antagonists with Î²-amyloid anti-aggregation properties. European Journal of Medicinal Chemistry, 2021, 225, 113792.	2.6	13
16	Synthesis, Anticonvulsant and Antinociceptive Activity of New Hybrid Compounds: Derivatives of 3-(3-Methylthiophen-2-yl)-pyrrolidine-2,5-dione. International Journal of Molecular Sciences, 2020, 21, 5750.	1.8	12
17	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.	1.8	11
18	Arylpiperazinylalkyl derivatives of 8-amino-1,3-dimethylpurine-2,6-dione as novel multitarget 5-HT/D receptor agents with potential antipsychotic activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1048-1062.	2.5	10

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19	Evaluation of anticonvulsant and analgesic activity of new hybrid compounds derived from N -phenyl-2-(2,5-dioxopyrrolidin-1-yl)-propanamides and â€“butanamides. Epilepsy Research, 2018, 143, 11-19.	0.8	10
20	V(III) and V(IV) Schiff base complexes as potential insulin-mimetic compounds â€“ Comparison, characterization and biological activity. Polyhedron, 2022, 215, 115682.	1.0	10
21	Structure-5-HT Receptor Affinity Relationship in a New Group of 7-Arylpiperazynylalkyl and 7-Tetrahydroisoquinolinylalkyl Derivatives of 8-Amino-1,3-dimethyl-1H-purine-2,6(3H,7H)-dione. Archiv Der Pharmazie, 2015, 348, 229-241.	2.1	9
22	6-Acetyl-5-hydroxy-4,7-dimethylcoumarin derivatives: Design, synthesis, modeling studies, 5-HT1A, 5-HT2A and D2 receptors affinity. Bioorganic Chemistry, 2020, 100, 103912.	2.0	8
23	An exit beyond the pharmacophore model for 5-HT6R agents - a new strategy to gain dual 5-HT6/5-HT2A action for triazine derivatives with procognitive potential. Bioorganic Chemistry, 2022, 121, 105695.	2.0	8
24	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. PLoS ONE, 2020, 15, e0237196.	1.1	7
25	Design, synthesis, and behavioral evaluation of dual-acting compounds as phosphodiesterase type 10A (PDE10A) inhibitors and serotonin ligands targeting neuropsychiatric symptoms in dementia. European Journal of Medicinal Chemistry, 2022, 233, 114218.	2.6	4
26	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 somein vitroandex vivoassays. Toxicology Mechanisms and Methods, 2014, 24, 204-211.	1.3	3
27	Cell-based Screening For Identification Of The Novel Vanadium Complexes With Multidirectional Activity Relative To The Cells And The Mechanisms Associated With Metabolic Disorders. Science Technology and Innovation, 2019, 4, 47-54.	0.0	3
28	Tridentate hydrazido-hydrazones vanadium complexes. Synthesis, properties and biological activity. Science Technology and Innovation, 2019, 4, 9-20.	0.0	3
29	Design and Synthesis of Novel Aminoalkanamides Targeting Neurodegeneration and Symptoms of Alzheimerâ€™s Disease. Current Medicinal Chemistry, 2021, 28, 6082-6094.	1.2	2
30	Modulation of the MOP Receptor (Î¼ Opioid Receptor) by Imidazo[1,2-a]imidazole-5,6-Diones: In Search of the Elucidation of the Mechanism of Action. Molecules, 2022, 27, 2930.	1.7	2
31	Potentiation 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. Science Technology and Innovation, 2019, 4, 55-62.	0.0	1