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List of Publications by Year in descending order

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39
papers

512
citations

758635

12
h-index

713013

21
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40
all docs

40
docs citations

40
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimutagenic compounds and their possible mechanisms of action. <i>Journal of Applied Genetics</i> , 2014, 55, 273-285.	1.0	144
2	Metabolic stability and its role in the discovery of new chemical entities. <i>Acta Pharmaceutica</i> , 2019, 69, 345-361.	0.9	60
3	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
4	Design, synthesis, and anticonvulsant activity of some derivatives of xanthone with aminoalkanol moieties. <i>Chemical Biology and Drug Design</i> , 2017, 89, 339-352.	1.5	21
5	In vitro mutagenic, antimutagenic, and antioxidant activities evaluation and biotransformation of some bioactive 4-substituted 1-(2-methoxyphenyl)piperazine derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 593-601.	1.4	20
6	Structure-anticonvulsant activity studies in the group of (E)-N-cinnamoyl aminoalkanols derivatives monosubstituted in phenyl ring with 4-Cl, 4-CH ₃ or 2-CH ₃ . <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 471-482.	1.4	19
7	N-[(2,6-Dimethylphenoxy)alkyl]aminoalkanols – their physicochemical and anticonvulsant properties. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4197-4217.	1.4	18
8	Cardiovascular activity of the chiral xanthone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6714-6724.	1.4	17
9	Anticonvulsant activity, crystal structures, and preliminary safety evaluation of N-trans-cinnamoyl derivatives of selected (un)modified aminoalkanols. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 26-37.	2.6	16
10	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
11	3-Aminomethyl Derivatives of 2-Phenylimidazo[1,2- <i>a</i>]-pyridine as Positive Allosteric Modulators of GABA _A Receptor with Potential Antipsychotic Activity. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1291-1298.	1.7	15
12	In vitro effect of pentoxifylline and lisofylline on deformability and aggregation of red blood cells from healthy subjects and patients with chronic venous disease.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.3	15
13	Anticancer half-sandwich Ir(III) complex and its interaction with various biomolecules and their mixtures – a case study with ascorbic acid. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3758-3770.	3.0	11
14	In Vitro Biotransformation, Safety, and Chemopreventive Action of Novel 8-Methoxy-Purine-2,6-Dione Derivatives. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 124-139.	1.4	10
15	Synthesis and anticonvulsant activity of phenoxyacetyl derivatives of amines, including aminoalkanols and amino acids. <i>MedChemComm</i> , 2018, 9, 1933-1948.	3.5	8
16	Discovery of Novel UV-Filters with Favorable Safety Profiles in the 5-Arylideneimidazolidine-2,4-dione Derivatives Group. <i>Molecules</i> , 2019, 24, 2321.	1.7	8
17	Biotransformation of 4-fluoro-N-(1-(2-(propanoate)phenoxy)ethyl)-8-azabicyclo[3.2.1]octan-3-ylbenzenesulfonamide, a novel potent 5-HT ₇ receptor antagonist with antidepressant-like and anxiolytic properties: In vitro and in silico approach. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22048.	1.4	7
18	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

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19	Design, synthesis and evaluation of activity and pharmacokinetic profile of new derivatives of xanthone and piperazine in the central nervous system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126679.	1.0	7
20	Rheological properties of young and aged erythrocytes in chronic venous disease patients with varicose veins. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 60, 171-178.	0.9	6
21	New Arylpiperazinylalkyl Derivatives of 8-Alkoxy-2,6-dione and Dihydro[1,3]oxazolo[2,3- <i>f</i>]purinedione Targeting the Serotonin 5-HT _{1A} and 5-HT _{2A} and Dopamine D ₂ Receptors. <i>Archiv Der Pharmazie</i> , 2015, 348, 242-253.	2.1	6
22	The Involvement of Xanthone and (E)-Cinnamoyl Chromophores for the Design and Synthesis of Novel Sunscreening Agents. <i>International Journal of Molecular Sciences</i> , 2021, 22, 34.	1.8	6
23	Synthesis and preliminary anti-inflammatory evaluation of xanthone derivatives. <i>Heterocyclic Communications</i> , 2018, 24, 231-236.	0.6	5
24	Microbial biotransformation of some novel hydantoin derivatives: Perspectives for bioremediation of potential sunscreen agents. <i>Chemosphere</i> , 2019, 234, 108-115.	4.2	5
25	Red blood cell deformability and aggregation in chronic venous disease patients with varicose veins. <i>Postepy Higieny I Medycyny Doswiadczonej</i> , 2013, 67, 690-694.	0.1	5
26	In vitro effect of pentoxifylline and lisofylline on deformability and aggregation of red blood cells from healthy subjects and patients with chronic venous disease. <i>Acta Biochimica Polonica</i> , 2013, 60, 129-35.	0.3	5
27	Preliminary assessment of mutagenic and anti-mutagenic potential of some aminoalkanolic derivatives of xanthone by use of the <i>Vibrio harveyi</i> assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 768, 8-13.	0.9	4
28	Skin metabolism established with the use of MetaSite for selected retinoids employed in topical and systemic treatment of various skin disorders and found in cosmeceuticals. <i>Acta Biochimica Polonica</i> , 2015, 62, 201-206.	0.3	4
29	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
30	Neuropathic pain-alleviating activity of novel 5-HT ₆ receptor inverse agonists derived from 2-aryl-1H-pyrrole-3-carboxamide. <i>Bioorganic Chemistry</i> , 2021, 115, 105218.	2.0	4
31	Preliminary mutagenicity and genotoxicity evaluation of selected arylsulfonamide derivatives of (aryloxy)alkylamines with potential psychotropic properties. <i>Journal of Applied Genetics</i> , 2016, 57, 263-270.	1.0	3
32	S(+)-(2E)-N-(2-Hydroxypropyl)-3-Phenylprop-2-Enamide (KM-568): A Novel Cinnamamide Derivative with Anticonvulsant Activity in Animal Models of Seizures and Epilepsy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4372.	1.8	3
33	Cinnamamide derivatives with 4-hydroxypiperidine moiety enhance effect of doxorubicin to cancer cells and protect cardiomyocytes against drug-induced toxicity through CBR1 inhibition mechanism. <i>Life Sciences</i> , 2022, 305, 120777.	2.0	3
34	Preliminary Safety Assessment of New Azinesulfonamide Analogs of Aripiprazole using Prokaryotic Models. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 377-384.	0.6	2
35	Dinuclear half-sandwich Ir(III) complexes containing 4,4'-methylene-dianiline-based ligands: Synthesis, characterization, cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2021, 938, 121748.	0.8	2
36	Preliminary evaluation of anticonvulsant activity and neurotoxicity of some 1,4-substituted piperazine derivatives. <i>Acta Poloniae Pharmaceutica</i> , 2009, 66, 571-8.	0.3	2

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37	Evaluation of Two Novel Hydantoin Derivatives Using Reconstructed Human Skin Model Episkin™: Perspectives for Application as Potential Sunscreen Agents. <i>Molecules</i> , 2022, 27, 1850.	1.7	2
38	Similar Safety Profile of the Enantiomeric N-Aminoalkyl Derivatives of Trans-2-Aminocyclohexan-1-ol Demonstrating Anticonvulsant Activity. <i>Molecules</i> , 2019, 24, 2505.	1.7	1
39	Effect of some newly synthesized xanthone and piperazine derivatives with cardiovascular activity on rheology of human erythrocytes in vitro. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 1-14.	0.9	0