Karolina SÅ‚oczyÅ„ska

List of Publications by Year
in descending order

39 papers	512 citations	758635 12 h-index	713013 21 g-index
40 all docs	40 docs citations	40 times ranked	847 citing authors

#	Article	IF	Citations
1	Evaluation of Two Novel Hydantoin Derivatives Using Reconstructed Human Skin Model EpiskinTM: Perspectives for Application as Potential Sunscreen Agents. Molecules, 2022, 27, 1850.	1.7	2
2	Anticancer half-sandwich Ir(<scp>iii</scp>) complex and its interaction with various biomolecules and their mixtures â€“ a case study with ascorbic acid. Inorganic Chemistry Frontiers, 2022, 9, 3758-3770.	3.0	11
3	Cinnamamide derivatives with 4-hydroxypiperidine moiety enhance effect of doxorubicin to cancer cells and protect cardiomyocytes against drug-induced toxicity through CBR1 inhibition mechanism. Life Sciences, 2022, 305, 120777.	2.0	3
4	Dinuclear half-sandwich Ir(III) complexes containing 4,4â€²-methylenedianiline-based ligands: Synthesis, characterization, cytotoxicity. Journal of Organometallic Chemistry, 2021, 938, 121748.	0.8	2
5	Neuropathic pain-alleviating activity of novel 5-HT6 receptor inverse agonists derived from 2-aryl-1H-pyrrole-3-carboxamide. Bioorganic Chemistry, 2021, 115, 105218.	2.0	4
6	The Involvement of Xanthone and (E)-Cinnamoyl Chromophores for the Design and Synthesis of Novel Sunscreening Agents. International Journal of Molecular Sciences, 2021, 22, 34.	1.8	6
7	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. International Journal of Molecular Sciences, 2020, 21, 4372.	1.8	3
8	Similar Safety Profile of the Enantiomeric N-Aminoalkyl Derivatives of Trans-2-Aminocyclohexan-1-ol Demonstrating Anticonvulsant Activity. Molecules, 2019, 24, 2505.	1.7	1
9	Discovery of Novel UV-Filters with Favorable Safety Profiles in the 5-Arylideneimidazolidine-2,4-dione Derivatives Group. Molecules, 2019, 24, 2321.	1.7	8
10	Synthesis of N â€(phenoxyalkyl)â€, N â€{2â€[2â€(phenoxy)ethoxy]ethyl}â€•or N â€(phenoxyacetyl)piperazine Derivatives and Their Activity Within the Central Nervous System. ChemistrySelect, 2019, 4, 9381-9391.	0.7	4
11	Design, synthesis and evaluation of activity and pharmacokinetic profile of new derivatives of xanthone and piperazine in the central nervous system. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126679.	1.0	7
12	Microbial biotransformation of some novel hydantoin derivatives: Perspectives for bioremediation of potential sunscreen agents. Chemosphere, 2019, 234, 108-115.	4.2	5
13	Metabolic stability and its role in the discovery of new chemical entities. Acta Pharmaceutica, 2019, 69, 345-361.	0.9	60
14	Biotransformation of 4â€fluoroâ€Nâ€(1â€{2â€[(propanâ€2â€yl)phenoxy]ethyl}â€8â€azabicyclo[3.2.1]octanâ€3â€yl)â€benzenesulfonamide, a novel potent 5â€HT₇ receptor antagonist with antidepressantâ€like and anxiolytic properties: In vitro and in silico approach. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22048.	1.4	7
15	In Vitro Biotransformation, Safety, and Chemopreventive Action of Novel 8-Methoxy-Purine-2,6-Dione Derivatives. Applied Biochemistry and Biotechnology, 2018, 184, 124-139.	1.4	10
16	Synthesis and anticonvulsant activity of phenoxyacetyl derivatives of amines, including aminoalkanols and amino acids. MedChemComm, 2018, 9, 1933-1948.	3.5	8
17	Synthesis and activity of di- or trisubstituted N -(phenoxyalkyl)- or N -{2-[2-(phenoxy)ethoxy]ethyl}piperazine derivatives on the central nervous system. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2039-2049.	1.0	7
18	Synthesis and preliminary anti-inflammatory evaluation of xanthone derivatives. Heterocyclic Communications, 2018, 24, 231-236.	0.6	5

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19	3-Aminomethyl Derivatives of 2-Phenylimidazo[1,2-a]-pyridine as Positive Allosteric Modulators of GABA_A Receptor with Potential Antipsychotic Activity. ACS Chemical Neuroscience, 2017, 8, 1291-1298.	1.7	15
20	Effect of some newly synthesized xanthone and piperazine derivatives with cardiovascular activity on rheology of human erythrocytes in vitro. Clinical Hemorheology and Microcirculation, 2017, 67, 1-14.	0.9	0
21	Structure-anticonvulsant activity studies in the group of (E)-N-cinnamoyl aminoalkanols derivatives monosubstituted in phenyl ring with 4-Cl, 4-CH3 or 2-CH3. Bioorganic and Medicinal Chemistry, 2017, 25, 471-482.	1.4	19
22	Design, synthesis, and anticonvulsant activity of some derivatives of xanthone with aminoalkanol moieties. Chemical Biology and Drug Design, 2017, 89, 339-352.	1.5	21
23	Preliminary Safety Assessment of New Azinesulfonamide Analogs of Aripiprazole using Prokaryotic Models. Advanced Pharmaceutical Bulletin, 2016, 6, 377-384.	0.6	2
24	Preliminary mutagenicity and genotoxicity evaluation of selected arylsulfonamide derivatives of (aryloxy)alkylamines with potential psychotropic properties. Journal of Applied Genetics, 2016, 57, 263-270.	1.0	3
25	In vitro mutagenic, antimutagenic, and antioxidant activities evaluation and biotransformation of some bioactive 4â€substituted 1â€(2â€methoxyphenyl)piperazine derivatives. Journal of Biochemical and Molecular Toxicology, 2016, 30, 593-601.	1.4	20
26	Synthesis and biological evaluation of 2-fluoro and 3-trifluoromethyl-phenyl-piperazinylalkyl derivatives of 1H-imidazo[2,1-f]purine-2,4(3H,8H)-dione as potential antidepressant agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 10-24.	2.5	21
27	Anticonvulsant activity, crystal structures, and preliminary safety evaluation of N-trans-cinnamoyl derivatives of selected (un)modified aminoalkanols. European Journal of Medicinal Chemistry, 2016, 107, 26-37.	2.6	16
28	N-Alkylated arylsulfonamides of (aryloxy)ethyl piperidines: 5-HT7 receptor selectivity versus multireceptor profile. Bioorganic and Medicinal Chemistry, 2016, 24, 130-139.	1.4	16
29	Rheological properties of young and aged erythrocytes in chronic venous disease patients with varicose veins. Clinical Hemorheology and Microcirculation, 2015, 60, 171-178.	0.9	6
30	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. Acta Biochimica Polonica, 2015, 62, 201-206.	0.3	4
31	New Arylpiperazinylalkyl Derivatives of 8â€Alkoxyâ€purineâ€2,6â€dione and Dihydro[1,3]oxazolo[2,3â€f]purinedione Targeting the Serotonin 5â€HT_{1A}/5â€HT_{2A}/5â€HT₇ and Dopamine D₂ Receptors. Archiv Der Pharmazie, 2015, 348, 242-253.	2.1	6
32	N-[(2,6-Dimethylphenoxy)alkyl]aminoalkanolsâ€”their physicochemical and anticonvulsant properties. Bioorganic and Medicinal Chemistry, 2015, 23, 4197-4217.	1.4	18
33	Cardiovascular activity of the chiral xanthone derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 6714-6724.	1.4	17
34	Preliminary assessment of mutagenic and anti-mutagenic potential of some aminoalkanolic derivatives of xanthone by use of the Vibrio harveyi assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 768, 8-13.	0.9	4
35	Antimutagenic compounds and their possible mechanisms of action. Journal of Applied Genetics, 2014, 55, 273-285.	1.0	144
36	In vitro effect of pentoxifylline and lisofylline on deformability and aggregation of red blood cells from healthy subjects and patients with chronic venous disease.. Acta Biochimica Polonica, 2013, 60, .	0.3	15

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37	Red blood cell deformability and aggregation in chronic venous disease patients with varicose veins. Postepy Higieny I Medycyny Doswiadczalnej, 2013, 67, 690-694.	0.1	5
38	In vitro effect of pentoxifylline and lisofylline on deformability and aggregation of red blood cells from healthy subjects and patients with chronic venous disease. Acta Biochimica Polonica, 2013, 60, 129-35.	0.3	5
39	Preliminary evaluation of anticonvulsant activity and neurotoxicity of some 1,4-substituted piperazine derivatives. Acta Poloniae Pharmaceutica, 2009, 66, 571-8.	0.3	2