

Alicja Nowaczyk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9548595/publications.pdf>

Version: 2024-02-01

49
papers

621
citations

623574

14
h-index

677027

22
g-index

49
all docs

49
docs citations

49
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative structure-retention relationships models for prediction of high performance liquid chromatography retention time of small molecules: Endogenous metabolites and banned compounds. <i>Analytica Chimica Acta</i> , 2013, 797, 13-19.	2.6	86
2	New alkyl-phosphate bonded stationary phases for liquid chromatographic separation of biologically active compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 731-740.	1.9	40
3	Application of the intermediate Hamiltonian valence-universal coupled-cluster method to the magnesium atom. <i>Journal of Chemical Physics</i> , 2002, 116, 7362-7371.	1.2	26
4	Carbon Monoxide and Nitric Oxide as Examples of the Youngest Class of Transmitters. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6029.	1.8	26
5	Artificial neural networks in prediction of antifungal activity of a series of pyridine derivatives against <i>Candida albicans</i> . <i>Journal of Microbiological Methods</i> , 2009, 76, 25-29.	0.7	25
6	Design, synthesis and pharmacological evaluation of new 1-[3-(4-arylpiperazin-1-yl)-2-hydroxy-propyl]-3,3-diphenylpyrrolidin-2-one derivatives with antiarrhythmic, antihypertensive, and β -adrenolytic activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3994-4003.	2.6	24
7	Paroxetine Overview of the Molecular Mechanisms of Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1662.	1.8	21
8	Artificial neural networks analysis used to evaluate the molecular interactions between selected drugs and human β 1-acid glycoprotein. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 591-596.	1.4	19
9	Potential role of selected antiepileptics used in neuropathic pain as human GABA transporter isoform 1 (GAT1) inhibitors Molecular docking and pharmacodynamic studies. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 362-372.	1.9	19
10	Time-shifted co-administration of sub-analgesic doses of ambroxol and pregabalin attenuates oxaliplatin-induced cold allodynia in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 930-940.	2.5	19
11	The Interactions of Nintedanib and Oral Anticoagulants Molecular Mechanisms and Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 282.	1.8	18
12	Application of the intermediate Hamiltonian valence-universal coupled-cluster method to atomic systems with one valence electron. <i>Chemical Physics Letters</i> , 2003, 381, 441-450.	1.2	17
13	Dopamine D2/D3 receptor agonists attenuate PTSD-like symptoms in mice exposed to single prolonged stress. <i>Neuropharmacology</i> , 2019, 155, 1-9.	2.0	17
14	Overview of First-Line and Second-Line Pharmacotherapies for Osteoarthritis with Special Focus on Intra-Articular Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1566.	1.8	17
15	Modeling solvation on the chemically modified silica surfaces. <i>Journal of Separation Science</i> , 2010, 33, 2060-2068.	1.3	16
16	Current Modulation of Guanylate Cyclase Pathway Activity Mechanism and Clinical Implications. <i>Molecules</i> , 2021, 26, 3418.	1.7	16
17	Antiarrhythmic and antioxidant activity of novel pyrrolidin-2-one derivatives with adrenolytic properties. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 13-25.	1.4	14
18	Antidepressant-like activity of venlafaxine and clonidine in mice exposed to single prolonged stress A model of post-traumatic stress disorder. Pharmacodynamic and molecular docking studies. <i>Brain Research</i> , 2017, 1673, 1-10.	1.1	14

#	ARTICLE	IF	CITATIONS
19	Prediction of Antifungal Activity of Gemini Imidazolium Compounds. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	13
20	Selective determination of cocaine and its metabolite benzoylecgonine in environmental samples by newly developed sorbent materials. <i>Talanta</i> , 2016, 146, 401-409.	2.9	13
21	Prediction of the antimicrobial activity of quaternary ammonium salts against <i>Staphylococcus aureus</i> using artificial neural networks. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103233.	2.3	12
22	Novel mouse GABA uptake inhibitors with enhanced inhibitory activity toward mGAT3/4 and their effect on pain threshold in mice. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 111920.	2.6	11
23	KV11.1, NaV1.5, and CaV1.2 Transporter Proteins as Antitarget for Drug Cardiotoxicity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8099.	1.8	11
24	QSAR studies on a number of pyrrolidin-2-one antiarrhythmic arylpiperazinyls. <i>Medicinal Chemistry Research</i> , 2012, 21, 373-381.	1.1	10
25	Comparison of Bromhexine and its Active Metabolite - Ambroxol as Potential Analgesics Reducing Oxaliplatin-induced Neuropathic Pain - Pharmacodynamic and Molecular Docking Studies. <i>Current Drug Metabolism</i> , 2020, 21, 548-561.	0.7	10
26	Prediction of antimicrobial activity of imidazole derivatives by artificial neural networks. <i>Open Medicine (Poland)</i> , 2013, 8, 1-15.	0.6	9
27	Conformational space and vibrational spectra of 2-[(2,4-dimethoxyphenyl)amino]-1,3-thiazolidin-4-one. <i>Journal of Molecular Modeling</i> , 2014, 20, 2366.	0.8	9
28	Synthesis and characterization of ester-bonded stationary phases for liquid chromatography. <i>Talanta</i> , 2015, 131, 684-692.	2.9	9
29	Application of artificial neural networks to prediction of new substances with antimicrobial activity against <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , 2021, 130, 40-49.	1.4	9
30	1-(3-(4-(Arylpiperazin-1-yl)propyl)pyrrolidin-2-one Derivatives as α_1 -Adrenoceptor Antagonists: A QSAR Study. <i>QSAR and Combinatorial Science</i> , 2009, 28, 979-988.	1.5	8
31	Synthesis and characterization of new copolymer of pyrrole and 3,4-ethylenedioxythiophene synthesized by electrochemical route. <i>Synthetic Metals</i> , 2015, 206, 145-153.	2.1	8
32	New sorbent materials for selective extraction of cocaine and benzoylecgonine from human urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 120, 397-401.	1.4	8
33	Application of artificial neural networks to the prediction of antifungal activity of imidazole derivatives against <i>Candida albicans</i> . <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 222, 104501.	1.8	8
34	Ozonization of electronic conducting polymers, Part III: The action of ozone on poly[3-pentylthiophene] film. <i>Polymer Degradation and Stability</i> , 2008, 93, 1275-1283.	2.7	7
35	Studies on the Activity of Selected Highly Lipophilic Compounds toward hGAT1 Inhibition. Part II. <i>ACS Chemical Neuroscience</i> , 2019, 10, 337-347.	1.7	7
36	Docking and pharmacodynamic studies on hGAT1 inhibition activity in the presence of selected neuronal and astrocytic inhibitors. Part I. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 85, 171-181.	1.3	6

#	ARTICLE	IF	CITATIONS
37	Antiepileptic Drug Tiagabine Does Not Directly Target Key Cardiac Ion Channels Kv11.1, Nav1.5 and Cav1.2. <i>Molecules</i> , 2021, 26, 3522.	1.7	4
38	QSAR studies of a number of triazole antifungal alcohols. <i>Open Chemistry</i> , 2010, 8, 440-447.	1.0	3
39	Structure-Activity Relationship Studies of a Number of β -Adrenoceptor Antagonists and Antiarrhythmic Agents. <i>Molecular Informatics</i> , 2010, 29, 343-351.	1.4	3
40	Synthesis and pharmacological evaluation of new 1-[3-(4-phenylpiperazin-1-yl)-propyl]- and 1-[3-(4-phenylpiperidine)-propyl]- 3-aryl-3-alkyl-pyrrolidin-2-one derivatives with antiarrhythmic and antihypertensive activity. <i>Acta Poloniae Pharmaceutica</i> , 2009, 66, 649-62.	0.3	3
41	A molecular modelling explanation of the unexpected stereochemistry observed in the alkylation of oxazinone-derived glycine equivalents using 4-chloromethyl-1,3,2-dioxathiolane-2-oxide. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1408-1415.	1.8	2
42	Assessment of Paroxetine Molecular Interactions with Selected Monoamine and β -Aminobutyric Acid Transporters. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6293.	1.8	2
43	Application of Computational Chemistry in Characterization of Solid Phase Microextraction Fibers for Selective Sorption of Drugs. <i>QSAR and Combinatorial Science</i> , 2009, 28, 1255-1262.	1.5	1
44	Triazole derivatives with antifungal activity: a pharmacophore model study. <i>Acta Poloniae Pharmaceutica</i> , 2008, 65, 795-8.	0.3	1
45	The Studies of Structure of 2N-(3-phenylallyl)-(5-phenyl[1,3,4] Thiadiazol-2-yl) Amine in Solution. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1129-1151.	1.4	0
46	Prediction of retention of uncharged solutes in nanofiltration by means of molecular descriptors. <i>Membrane Water Treatment</i> , 2010, 1, 181-192.	0.5	0
47	A Rough Set Approach to Novel Compounds Activity Prediction Based on Surface Active Properties and Molecular Descriptors. <i>Lecture Notes in Computer Science</i> , 2014, , 153-160.	1.0	0
48	Bronchiolitis - diagnostic and therapeutic difficulties in pediatric patients. <i>Farmacja Polska</i> , 2020, 76, 102-109.	0.1	0
49	Detailed Comparison between the Safety Profiles of Chloroquine and Hydroxychloroquine. <i>Biology and Life Sciences Forum</i> , 2021, 7, .	0.6	0