Alicja Nowaczyk

List of Publications by Year
in descending order

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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	Overview of First-Line and Second-Line Pharmacotherapies for Osteoarthritis with Special Focus on Intra-Articular Treatment. International Journal of Molecular Sciences, 2022, 23, 1566.	1.8	17
2	Application of artificial neural networks to the prediction of antifungal activity of imidazole derivatives against Candida albicans. Chemometrics and Intelligent Laboratory Systems, 2022, 222, 104501.	1.8	8
3	Application of artificial neural networks to prediction of new substances with antimicrobial activity against Escherichia coli. Journal of Applied Microbiology, 2021, 130, 40-49.	1.4	9
4	Paroxetineâ€"Overview of the Molecular Mechanisms of Action. International Journal of Molecular Sciences, 2021, 22, 1662.	1.8	21
5	Antiepileptic Drug Tiagabine Does Not Directly Target Key Cardiac Ion Channels Kv11.1, Nav1.5 and Cav1.2. Molecules, 2021, 26, 3522.	1.7	4
6	Carbon Monoxide and Nitric Oxide as Examples of the Youngest Class of Transmitters. International Journal of Molecular Sciences, 2021, 22, 6029.	1.8	26
7	Current Modulation of Guanylate Cyclase Pathway Activityâ€"Mechanism and Clinical Implications. Molecules, 2021, 26, 3418.	1.7	16
8	Assessment of Paroxetine Molecular Interactions with Selected Monoamine and Î³-Aminobutyric Acid Transporters. International Journal of Molecular Sciences, 2021, 22, 6293.	1.8	2
9	Prediction of the antimicrobial activity of quaternary ammonium salts against Staphylococcus aureus using artificial neural networks. Arabian Journal of Chemistry, 2021, 14, 103233.	2.3	12
10	The Interactions of Nintedanib and Oral Anticoagulantsâ€"Molecular Mechanisms and Clinical Implications. International Journal of Molecular Sciences, 2021, 22, 282.	1.8	18
11	Detailed Comparison between the Safety Profiles of Chloroquine and Hydroxychloroquine. Biology and Life Sciences Forum, 2021, 7, .	0.6	0
12	Novel mouse GABA uptake inhibitors with enhanced inhibitory activity toward mGAT3/4 and their effect on pain threshold in mice. European Journal of Medicinal Chemistry, 2020, 188, 111920.	2.6	11
13	KV11.1, NaV1.5, and CaV1.2 Transporter Proteins as Antitarget for Drug Cardiotoxicity. International Journal of Molecular Sciences, 2020, 21, 8099.	1.8	11
14	Comparison of Bromhexine and its Active Metabolite - Ambroxol as Potential Analgesics Reducing Oxaliplatin-induced Neuropathic Pain - Pharmacodynamic and Molecular Docking Studies. Current Drug Metabolism, 2020, 21, 548-561.	0.7	10
15	Bronchiolitis - diagnostic and therapeutic difficulties in pediatric patients. Farmacja Polska, 2020, 76, 102-109.	0.1	0
16	Dopamine D2/D3 receptor agonists attenuate PTSD-like symptoms in mice exposed to single prolonged stress. Neuropharmacology, 2019, 155, 1-9.	2.0	17
17	Studies on the Activity of Selected Highly Lipophilic Compounds toward hGAT1 Inhibition. Part II. ACS Chemical Neuroscience, 2019, 10, 337-347.	1.7	7
18	Docking and pharmacodynamic studies on hGAT1 inhibition activity in the presence of selected neuronal and astrocytic inhibitors. Part I. Journal of Molecular Graphics and Modelling, 2018, 85, 171-181.	1.3	6

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19	Time-shifted co-administration of sub-analgesic doses of ambroxol and pregabalin attenuates oxaliplatin-induced cold allodynia in mice. Biomedicine and Pharmacotherapy, 2018, 106, 930-940.	2.5	19
20	Antidepressant-like activity of venlafaxine and clonidine in mice exposed to single prolonged stress â€“ A model of post-traumatic stress disorder. Pharmacodynamic and molecular docking studies. Brain Research, 2017, 1673, 1-10.	1.1	14
21	Potential role of selected antiepileptics used in neuropathic pain as human GABA transporter isoform 1 (GAT1) inhibitorsâ€”Molecular docking and pharmacodynamic studies. European Journal of Pharmaceutical Sciences, 2017, 96, 362-372.	1.9	19
22	The Studies of Structure of 2Nâ€(3â€phenylâ€allylâ€)(5â€phenylâ€[1,3,4] Thiadiazolâ€2â€yl) Amine in Solution. Journal of Heterocyclic Chemistry, 2017, 54, 1129-1151.	1.4	0
23	New sorbent materials for selective extraction of cocaine and benzoylecgonine from human urine samples. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 397-401.	1.4	8
24	Selective determination of cocaine and its metabolite benzoylecgonine in environmental samples by newly developed sorbent materials. Talanta, 2016, 146, 401-409.	2.9	13
25	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. Tetrahedron: Asymmetry, 2015, 26, 1408-1415.	1.8	2
26	Prediction of Antifungal Activity of Gemini Imidazolium Compounds. BioMed Research International, 2015, 2015, 1-10.	0.9	13
27	Synthesis and characterization of new copolymer of pyrrole and 3,4-ethylenedioxythiophene synthesized by electrochemical route. Synthetic Metals, 2015, 206, 145-153.	2.1	8
28	Synthesis and characterization of ester-bonded stationary phases for liquid chromatography. Talanta, 2015, 131, 684-692.	2.9	9
29	Conformational space and vibrational spectra of 2-[(2,4-dimethoxyphenyl)amino]-1,3-thiazolidin-4-one. Journal of Molecular Modeling, 2014, 20, 2366.	0.8	9
30	A Rough Set Approach to Novel Compounds Activity Prediction Based on Surface Active Properties and Molecular Descriptors. Lecture Notes in Computer Science, 2014, , 153-160.	1.0	0
31	Quantitative structureâ€“retention relationships models for prediction of high performance liquid chromatography retention time of small molecules: Endogenous metabolites and banned compounds. Analytica Chimica Acta, 2013, 797, 13-19.	2.6	86
32	Prediction of antimicrobial activity of imidazole derivatives by artificial neural networks. Open Medicine (Poland), 2013, 8, 1-15.	0.6	9
33	New alkyl-phosphate bonded stationary phases for liquid chromatographic separation of biologically active compounds. Analytical and Bioanalytical Chemistry, 2012, 404, 731-740.	1.9	40
34	QSAR studies on a number of pyrrolidin-2-one antiarrhythmic arylpiperazinyls. Medicinal Chemistry Research, 2012, 21, 373-381.	1.1	10
35	Antiarrhythmic and antioxidant activity of novel pyrrolidin-2-one derivatives with adrenolytic properties. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 13-25.	1.4	14
36	QSAR studies of a number of triazole antifungal alcohols. Open Chemistry, 2010, 8, 440-447.	1.0	3

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37	Modeling solvation on the chemically modified silica surfaces. Journal of Separation Science, 2010, 33, 2060-2068.	1.3	16
38	Structureâ€Activity Relationship Studies of a Number of Î±₁â€Adrenoceptor Antagonists and Antiarrhythmic Agents. Molecular Informatics, 2010, 29, 343-351.	1.4	3
39	Prediction of retention of uncharged solutes in nanofiltration by means of molecular descriptors. Membrane Water Treatment, 2010, 1, 181-192.	0.5	0
40	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 Î±-adrenolytic activity. European Journal of Medicinal Chemistry, 2009, 44, 3994-4003.	2.6	24
41	Application of Computational Chemistry in Characterization of Solid Phase Microextraction Fibers for Selective Sorption of Drugs. QSAR and Combinatorial Science, 2009, 28, 1255-1262.	1.5	1
42	1â€(3â€(4â€Arylpiperazinâ€1â€yl)â€propyl)â€Pyrrolidinâ€2â€one Derivatives as Î±₁â€Adrenoceptor Antagonists: A QSAR Study. QSAR and Combinatorial Science, 2009, 28, 979-988.	1.5	8
43	Artificial neural networks analysis used to evaluate the molecular interactions between selected drugs and human Î±1-acid glycoprotein. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 591-596.	1.4	19
44	Artificial neural networks in prediction of antifungal activity of a series of pyridine derivatives against Candida albicans. Journal of Microbiological Methods, 2009, 76, 25-29.	0.7	25
45	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. Acta Poloniae Pharmaceutica, 2009, 66, 649-62.	0.3	3
46	Ozonization of electronic conducting polymers, Part III: The action of ozone on poly[3-pentylthiophene] film. Polymer Degradation and Stability, 2008, 93, 1275-1283.	2.7	7
47	Triazole derivatives with antifungal activity: a pharmacophore model study. Acta Poloniae Pharmaceutica, 2008, 65, 795-8.	0.3	1
48	Application of the intermediate Hamiltonian valence-universal coupled-cluster method to atomic systems with one valence electron. Chemical Physics Letters, 2003, 381, 441-450.	1.2	17
49	Application of the intermediate Hamiltonian valence-universal coupled-cluster method to the magnesium atom. Journal of Chemical Physics, 2002, 116, 7362-7371.	1.2	26