

Paweł, Szymański

List of Publications by Year in descending order

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58
papers

1,258
citations

430754

18
h-index

395590

33
g-index

58
all docs

58
docs citations

58
times ranked

2026
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptation of High-Throughput Screening in Drug Discovery – Toxicological Screening Tests. <i>International Journal of Molecular Sciences</i> , 2012, 13, 427-452.	1.8	254
2	Development of copper based drugs, radiopharmaceuticals and medical materials. <i>BioMetals</i> , 2012, 25, 1089-1112.	1.8	147
3	Synthesis and biological evaluation of 1,3,4-thiadiazole analogues as novel AChE and BuChE inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 311-319.	2.6	61
4	Tacrine hybrids as multi-target-directed ligands in Alzheimer’s disease: influence of chemical structures on biological activities. <i>Chemical Papers</i> , 2019, 73, 269-289.	1.0	44
5	NANOTECHNOLOGY IN PHARMACEUTICAL AND BIOMEDICAL APPLICATIONS: DENDRIMERS. <i>Nano</i> , 2011, 06, 509-539.	0.5	41
6	Evaluation of poly(amidoamine) dendrimers as potential carriers of iminodiacetic derivatives using solubility studies and 2D-NOESY NMR spectroscopy. <i>Journal of Biological Physics</i> , 2012, 38, 637-656.	0.7	41
7	Radiolabeled Peptides and Antibodies in Medicine. <i>Bioconjugate Chemistry</i> , 2021, 32, 25-42.	1.8	40
8	Synthesis and biological activity of derivatives of tetrahydroacridine as acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2011, 39, 138-142.	2.0	37
9	Synthesis, biological activity and HPLC validation of 1,2,3,4-tetrahydroacridine derivatives as acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3250-3257.	2.6	35
10	New Perspectives of Alzheimer Disease Diagnosis – the Most Popular and Future Methods. <i>Medicinal Chemistry</i> , 2018, 14, 34-43.	0.7	35
11	Aspartame – True or False? Narrative Review of Safety Analysis of General Use in Products. <i>Nutrients</i> , 2021, 13, 1957.	1.7	33
12	Metabolite Profiling of Eastern Teaberry (<i>Gaultheria procumbens</i> L.) Lipophilic Leaf Extracts with Hyaluronidase and Lipoxigenase Inhibitory Activity. <i>Molecules</i> , 2017, 22, 412.	1.7	27
13	Memantine in neurological disorders – schizophrenia and depression. <i>Journal of Molecular Medicine</i> , 2021, 99, 327-334.	1.7	27
14	Synthesis, biological evaluation and molecular modeling of new tetrahydroacridine derivatives as potential multifunctional agents for the treatment of Alzheimer’s disease. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5610-5618.	1.4	26
15	2,3-Dihydro-1H-cyclopenta[b]quinoline Derivatives as Acetylcholinesterase Inhibitors – Synthesis, Radiolabeling and Biodistribution. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10067-10090.	1.8	24
16	A review of the mechanisms underlying selected comorbidities in Alzheimer’s disease. <i>Pharmacological Reports</i> , 2021, 73, 1565-1581.	1.5	23
17	Tetrahydroacridine derivatives with dichloronicotinic acid moiety as attractive, multipotent agents for Alzheimer’s disease treatment. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 760-769.	2.6	21
18	New tacrine – acridine hybrids as promising multifunctional drugs for potential treatment of Alzheimer’s disease. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800050.	2.1	19

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19	Novel tetrahydroacridine derivatives with iodobenzoic moieties induce G0/G1 cell cycle arrest and apoptosis in A549 non-small lung cancer and HT-29 colorectal cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 460, 123-150.	1.4	19
20	Biological evaluation and molecular docking of novel 1,3,4-thiadiazole-resorcinol conjugates as multifunctional cholinesterases inhibitors. <i>Bioorganic Chemistry</i> , 2021, 107, 104617.	2.0	19
21	Taxodione and Extracts from <i>Salvia austriaca</i> Roots as Human Cholinesterase Inhibitors. <i>Phytotherapy Research</i> , 2016, 30, 234-242.	2.8	18
22	Tetrahydroacridine derivatives with fluorobenzoic acid moiety as multifunctional agents for Alzheimer's disease treatment. <i>Bioorganic Chemistry</i> , 2017, 72, 315-322.	2.0	17
23	New cyclopentaquinoline hybrids with multifunctional capacities for the treatment of Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 158-170.	2.5	17
24	Novel tetrahydroacridine derivatives inhibit human lung adenocarcinoma cell growth by inducing G1 phase cell cycle arrest and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 959-967.	2.5	16
25	Investigation of the photolysis and TiO ₂ , SrTiO ₃ , H ₂ O ₂ -mediated photocatalysis of an antipsychotic drug loxapine – Evaluation of kinetics, identification of photoproducts, and in silico estimation of properties. <i>Chemosphere</i> , 2018, 204, 1-10.	4.2	16
26	PAMAM Dendrimers as Potential Carriers of Gadolinium Complexes of Iminodiacetic Acid Derivatives for Magnetic Resonance Imaging. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-11.	1.5	14
27	New Tacrine Analogs as Acetylcholinesterase Inhibitors – Theoretical Study with Chemometric Analysis. <i>Molecules</i> , 2013, 18, 2878-2894.	1.7	12
28	Novel tetrahydroacridine and cyclopentaquinoline derivatives with fluorobenzoic acid moiety induce cell cycle arrest and apoptosis in lung cancer cells by activation of DNA damage signaling. <i>Tumor Biology</i> , 2017, 39, 101042831769501.	0.8	12
29	Discovery of New Cyclopentaquinoline Analogues as Multifunctional Agents for the Treatment of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 498.	1.8	12
30	Biological Evaluation, Molecular Docking, and SAR Studies of Novel 2-(2,4-Dihydroxyphenyl)-1H-Benzimidazole Analogues. <i>Biomolecules</i> , 2019, 9, 870.	1.8	12
31	Novel tetrahydroacridine derivatives with iodobenzoic acid moiety as multifunctional acetylcholinesterase inhibitors. <i>Chemical Biology and Drug Design</i> , 2018, 91, 505-518.	1.5	11
32	Synthesis and Biological Activity of New 2,3-dihydro-1H-cyclopenta[b]-quinoline Derivatives as Acetylcholinesterase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 645-654.	0.4	10
33	Characterization of Metal-Bound Benzimidazole Derivatives, Effects on Tumor Cells of Lung Cancer. <i>Materials</i> , 2021, 14, 2958.	1.3	10
34	Synthesis, physicochemical and biological studies of technetium-99m labeled tacrine derivative as a diagnostic tool for evaluation of cholinesterase level. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 912-920.	1.4	9
35	Diagnostics and therapy of Alzheimer's disease. <i>Indian Journal of Experimental Biology</i> , 2007, 45, 315-25.	0.5	9
36	Effects of a Unique Combination of the Whole-Body Low Dose Radiotherapy with Inactivation of Two Immune Checkpoints and/or a Heat Shock Protein on the Transplantable Lung Cancer in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6309.	1.8	8

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37	Synthesis, Biological Activity and Molecular Modeling of 4-Fluoro-N-[1,2,3,4-tetrahydroacridin-9-ylamino]-alkyl]-benzamide Derivatives as Cholinesterase Inhibitors. <i>Arzneimittelforschung</i> , 2012, 62, 655-660.	0.5	7
38	New cyclopentaquinoline derivatives with fluorobenzoic acid induce G1 arrest and apoptosis in human lung adenocarcinoma cells. <i>European Journal of Pharmacology</i> , 2014, 729, 30-36.	1.7	7
39	Synthesis, physicochemical and biological evaluation of tacrine derivative labeled with technetium-99m and gallium-68 as a prospective diagnostic tool for early diagnosis of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2019, 91, 103136.	2.0	7
40	New hybrids of tacrine and indomethacin as multifunctional acetylcholinesterase inhibitors. <i>Chemical Papers</i> , 2021, 75, 249-264.	1.0	7
41	New Biopolymer Nanoparticles Improve the Solubility of Lipophilic Megestrol Acetate. <i>Molecules</i> , 2016, 21, 197.	1.7	6
42	New Tetrahydroacridine Hybrids with Dichlorobenzoic Acid Moiety Demonstrating Multifunctional Potential for the Treatment of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3765.	1.8	6
43	Neuroimaging diagnosis in neurodegenerative diseases. <i>Nuclear Medicine Review</i> , 2010, 13, 23-31.	0.3	6
44	Phyto-tacrine Hybrids as Promising Drugs to Treat Alzheimer's Disease. <i>ChemistrySelect</i> , 2019, 4, 5776-5790.	0.7	5
45	Promising results in development of male contraception. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 41, 128005.	1.0	5
46	A TLC Study of the lipophilicity of thirty-two acetylcholinesterase inhibitors of 1,2,3,4-tetrahydroacridine and 2,3-dihydro-1H-cyclopenta[b]quinoline derivatives. <i>Open Chemistry</i> , 2013, 11, 927-934.	1.0	4
47	Cytotoxic Activity against A549 Human Lung Cancer Cells and ADMET Analysis of New Pyrazole Derivatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6692.	1.8	4
48	Antitumor Activity against A549 Cancer Cells of Three Novel Complexes Supported by Coating with Silver Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2980.	1.8	4
49	Biological assessment of new tetrahydroacridine derivatives with fluorobenzoic moiety in vitro on A549 and HT-29 cell lines and in vivo on animal model. <i>Human Cell</i> , 2020, 33, 859-867.	1.2	3
50	Antitumor Activity and Physicochemical Properties of New Thiosemicarbazide Derivative and Its Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) Complexes. <i>Molecules</i> , 2022, 27, 2703.	1.7	3
51	Novel Cyclopentaquinoline and Acridine Analogs as Multifunctional, Potent Drug Candidates in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5876.	1.8	3
52	New acridine derivatives as promising agents against methicillin-resistant staphylococci – From tests to in silico analysis. <i>Computational Biology and Chemistry</i> , 2020, 88, 107321.	1.1	2
53	Physicochemical evaluation of new tetrahydroacridine and iodobenzoic acid hybrids as the next step in the design of potential drugs for treating Alzheimer's disease. <i>Biomedical Chromatography</i> , 2020, 34, e4906.	0.8	2
54	Identification of polyamidoamine dendrimers (PAMAM-NH ₂) by ESI-Q-TOF method. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2012, 25, 286-293.	0.1	1

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55	Re-evaluation of the Retention Time Prediction "Polarity" Model in the Context of the Development of a Stationary Phase Variable. Journal of AOAC INTERNATIONAL, 2014, 97, 1213-1219.	0.7	0
56	Thin-Layer Chromatography Gradient Optimization Strategy for Wet Load Adsorption Flash Chromatography. Journal of Chromatographic Science, 2021, , .	0.7	0
57	The effect of prolonged incubation time on the interaction between PAMAM dendrimers and iminodiacetic acid derivatives. Current Issues in Pharmacy and Medical Sciences, 2012, 25, 396-400.	0.1	0
58	Radiolabeling and biodistribution of new acetylcholinesterase inhibitor "6-Hydrazino-N-[5-(2,3-dihydro-1H-cyclopenta[b]quinolin-9-ylamino)pentyl]nicotinamide hydrochloride. Current Issues in Pharmacy and Medical Sciences, 2012, 25, 294-298.	0.1	0