

Paweł, Szymański

List of Publications by Year in descending order

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58
papers

1,258
citations

430754

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33
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docs citations

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times ranked

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | New hybrids of tacrine and indomethacin as multifunctional acetylcholinesterase inhibitors. <i>Chemical Papers</i> , 2021, 75, 249-264. | 1.0 | 7 |
| 5 | Radiolabeled Peptides and Antibodies in Medicine. <i>Bioconjugate Chemistry</i> , 2021, 32, 25-42. | 1.8 | 40 |
| 6 | Memantine in neurological disorders – schizophrenia and depression. <i>Journal of Molecular Medicine</i> , 2021, 99, 327-334. | 1.7 | 27 |
| 7 | 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 |
| 8 | Characterization of Metal-Bound Benzimidazole Derivatives, Effects on Tumor Cells of Lung Cancer. <i>Materials</i> , 2021, 14, 2958. | 1.3 | 10 |
| 9 | 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 |
| 10 | Aspartame – True or False? Narrative Review of Safety Analysis of General Use in Products. <i>Nutrients</i> , 2021, 13, 1957. | 1.7 | 33 |
| 11 | Promising results in development of male contraception. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 41, 128005. | 1.0 | 5 |
| 12 | 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 |
| 13 | A review of the mechanisms underlying selected comorbidities in Alzheimer's disease. <i>Pharmacological Reports</i> , 2021, 73, 1565-1581. | 1.5 | 23 |
| 14 | Thin-Layer Chromatography Gradient Optimization Strategy for Wet Load Adsorption Flash Chromatography. <i>Journal of Chromatographic Science</i> , 2021, , . | 0.7 | 0 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Phyto-tacrine Hybrids as Promising Drugs to Treat Alzheimer's Disease. <i>ChemistrySelect</i> , 2019, 4, 5776-5790. | 0.7 | 5 |
| 23 | 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 |
| 24 | 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 |
| 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 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | New Perspectives of Alzheimer Disease Diagnosis – the Most Popular and Future Methods. <i>Medicinal Chemistry</i> , 2018, 14, 34-43. | 0.7 | 35 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Metabolite Profiling of Eastern Teaberry (<i>Gaultheria procumbens</i> L.) Lipophilic Leaf Extracts with Hyaluronidase and Lipoxygenase Inhibitory Activity. <i>Molecules</i> , 2017, 22, 412. | 1.7 | 27 |
| 35 | New Biopolymer Nanoparticles Improve the Solubility of Lipophilic Megestrol Acetate. <i>Molecules</i> , 2016, 21, 197. | 1.7 | 6 |
| 36 | Taxodione and Extracts from <i>Salvia austriaca</i> Roots as Human Cholinesterase Inhibitors. <i>Phytotherapy Research</i> , 2016, 30, 234-242. | 2.8 | 18 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | Re-evaluation of the Retention Time Prediction α -Polarity Model in the Context of the Development of a Stationary Phase Variable. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1213-1219. | 0.7 | 0 |
| 40 | 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 |
| 41 | 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 |
| 42 | New Tacrine Analogs as Acetylcholinesterase Inhibitors – Theoretical Study with Chemometric Analysis. <i>Molecules</i> , 2013, 18, 2878-2894. | 1.7 | 12 |
| 43 | A TLC Study of the lipophilicity of thirty-two acetylcholinesterase inhibitors – 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | Synthesis, Biological Activity and Molecular Modeling of 4-Fluoro-N-[1-(1,2,3,4-tetrahydroacridin-9-ylamino)-alkyl]-benzamide Derivatives as Cholinesterase Inhibitors. <i>Arzneimittelforschung</i> , 2012, 62, 655-660. | 0.5 | 7 |
| 48 | Development of copper based drugs, radiopharmaceuticals and medical materials. <i>BioMetals</i> , 2012, 25, 1089-1112. | 1.8 | 147 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | The effect of prolonged incubation time on the interaction between PAMAM dendrimers and iminodiacetic acid derivatives. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2012, 25, 396-400. | 0.1 | 0 |
| 53 | Radiolabeling and biodistribution of new acetylcholinesterase inhibitor – 6-Hydrazino-N-[5-(2,3-dihydro-1H-cyclopenta[b]quinolin-9-ylamino)pentyl]nicotinamide hydrochloride. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2012, 25, 294-298. | 0.1 | 0 |
| 54 | NANOTECHNOLOGY IN PHARMACEUTICAL AND BIOMEDICAL APPLICATIONS: DENDRIMERS. <i>Nano</i> , 2011, 06, 509-539. | 0.5 | 41 |

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|----|--|-----|-----------|
| 55 | Synthesis and biological activity of derivatives of tetrahydroacridine as acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2011, 39, 138-142. | 2.0 | 37 |
| 56 | 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 |
| 57 | Neuroimaging diagnosis in neurodegenerative diseases. <i>Nuclear Medicine Review</i> , 2010, 13, 23-31. | 0.3 | 6 |
| 58 | Diagnostics and therapy of Alzheimer's disease. <i>Indian Journal of Experimental Biology</i> , 2007, 45, 315-25. | 0.5 | 9 |