

Błażej Rychlik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1882382/publications.pdf>

Version: 2024-02-01

43
papers

1,293
citations

394286

19
h-index

360920

35
g-index

44
all docs

44
docs citations

44
times ranked

2348
citing authors

#	ARTICLE	IF	CITATIONS
1	Multidrug resistance: Physiological principles and nanomedical solutions. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1852-1865.	6.6	220
2	Light-dependent generation of reactive oxygen species in cell culture media. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1418-1425.	1.3	213
3	The effect of oral steroids with and without vitamin D ³ on early efficacy of immunotherapy in asthmatic children. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1830-1841.	1.4	71
4	Half-sandwich Ruthenium(II) Biotin Conjugates as Biological Vectors to Cancer Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 5110-5117.	1.7	60
5	Ferrocene-Biotin Conjugates Targeting Cancer Cells: Synthesis, Interaction with Avidin, Cytotoxic Properties and the Crystal Structure of the Complex of Avidin with a Biotin-Linker-Ferrocene Conjugate. <i>Organometallics</i> , 2013, 32, 5774-5783.	1.1	54
6	Overcoming cellular multidrug resistance using classical nanomedicine formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 421-428.	1.9	53
7	Effect of <i>Lactobacillus rhamnosus</i> GG and vitamin D supplementation on the immunologic effectiveness of grass-specific sublingual immunotherapy in children with allergy. <i>Allergy and Asthma Proceedings</i> , 2016, 37, 324-334.	1.0	51
8	Synthesis and biological activities of ferrocenyl derivatives of paclitaxel. <i>MedChemComm</i> , 2012, 3, 498.	3.5	39
9	Ferrocenyl 2,5-Piperazinediones as Tubulin-Binding Organometallic ABCB ¹ and ABCG ² Inhibitors Active against MDR Cells. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 612-617.	1.3	37
10	Phenoxyherbicides induce production of free radicals in human erythrocytes: Oxidation of dichlorodihydrofluorescein and dihydrorhodamine 123 by 2,4-D-Na and MCPA-Na. <i>Food and Chemical Toxicology</i> , 2008, 46, 359-367.	1.8	35
11	The clinical effect of vitamin D supplementation combined with grass-specific sublingual immunotherapy in children with allergic rhinitis. <i>Allergy and Asthma Proceedings</i> , 2016, 37, 105-114.	1.0	35
12	Monitoring of MRP-like Activity in Human Erythrocytes: Inhibitory Effect of Isoflavones. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 894-900.	0.6	31
13	Synthesis, electrochemistry and anticancer activity of novel ferrocenyl phenols prepared via azide-alkyne 1,3-cycloaddition reaction. <i>Journal of Organometallic Chemistry</i> , 2012, 715, 102-112.	0.8	27
14	Radiation Inactivation Suggests That Human Multidrug Resistance-Associated Protein 1 Occurs as a Dimer in the Human Erythrocyte Membrane. <i>Archives of Biochemistry and Biophysics</i> , 1998, 354, 311-316.	1.4	26
15	The role of multidrug resistance protein 1 (MRP1) in transport of fluorescent anions across the human erythrocyte membrane. <i>Journal of Membrane Biology</i> , 2003, 193, 79-90.	1.0	26
16	Montelukast treatment may alter the early efficacy of immunotherapy in children with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1220-1227.	1.5	26
17	Ferrocenyl Paclitaxel and Docetaxel Derivatives: Impact of an Organometallic Moiety on the Mode of Action of Taxanes. <i>Chemistry - A European Journal</i> , 2016, 22, 11413-11421.	1.7	25
18	Vitamin D inhibits pro-inflammatory cytokines in the airways of cystic fibrosis patients infected by <i>Pseudomonas aeruginosa</i> - pilot study. <i>Italian Journal of Pediatrics</i> , 2019, 45, 41.	1.0	25

#	ARTICLE	IF	CITATIONS
19	Acetylsalicylic acid is compounding to antiplatelet effect of C-reactive protein. <i>Thrombosis Research</i> , 2007, 119, 209-216.	0.8	23
20	Clinical and immunological effects of vitamin D supplementation during the pollen season in children with allergic rhinitis. <i>Archives of Medical Science</i> , 2018, 1, 122-131.	0.4	22
21	The effects of superoxide dismutase knockout on the oxidative stress parameters and survival of mouse erythrocyt. <i>Cellular and Molecular Biology Letters</i> , 2009, 14, 23-34.	2.7	17
22	Synthesis and in vitro Biological Evaluation of Ferrocenyl Side Chain Functionalized Paclitaxel Derivatives. <i>ChemMedChem</i> , 2017, 12, 1882-1892.	1.6	17
23	Colchicine metallocenyl bioconjugates showing high antiproliferative activities against cancer cell lines. <i>Dalton Transactions</i> , 2017, 46, 17041-17052.	1.6	16
24	Modified C-reactive protein interacts with platelet glycoprotein Ib. <i>Pharmacological Reports</i> , 2011, 63, 464-475.	1.5	15
25	Synthesis and evaluation of biological properties of ferrocenyl podophyllotoxin conjugates. <i>Dalton Transactions</i> , 2017, 46, 10847-10858.	1.6	15
26	MRP1-Transfected Cells do not Show Increased Resistance Against Oxidative Stress. <i>Free Radical Research</i> , 2003, 37, 189-195.	1.5	11
27	Drug-selected cell line panels for evaluation of the pharmacokinetic consequences of multidrug resistance proteins. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 84, 57-65.	0.3	11
28	Metal-Dependent Cytotoxic and Kinesin Spindle Protein Inhibitory Activity of Ru, Os, Rh, and Ir Half-Sandwich Complexes of Ispinesib-Derived Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 14879-14890.	1.9	11
29	Characterisation of glucuronidation and transport in V79 cells co-expressing UGT1A1 and MRP1. <i>Toxicology Letters</i> , 2001, 120, 43-49.	0.4	10
30	Ferrocene Biotin Conjugates: Synthesis, Structure, Cytotoxic Activity and Interaction with Avidin. <i>ChemPlusChem</i> , 2016, 81, 1191-1201.	1.3	9
31	The Connection between the Toxicity of Anthracyclines and Their Ability to Modulate the P-Glycoprotein-Mediated Transport in A549, HepG2, and MCF-7 Cells. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	8
32	Conjugating Biotin to Ruthenium(II) Arene Units via Phosphine Ligand Functionalization. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1061-1072.	1.0	7
33	Upper airway dysbiosis related to frequent sweets consumption increases the risk of asthma in children with chronic rhinosinusitis. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 489-500.	1.1	7
34	Synthesis and Biological Activity of Ferrocenyl and Ruthenocenyl Analogues of Etoposide: Discovery of a Novel Dual Inhibitor of Topoisomerase II Activity and Tubulin Polymerization. <i>Chemistry - A European Journal</i> , 2021, 27, 6254-6262.	1.7	7
35	Impact of the ferrocenyl group on cytotoxicity and KSP inhibitory activity of ferrocenyl monastrol conjugates. <i>Dalton Transactions</i> , 2022, 51, 491-508.	1.6	6
36	Flow cytometric monitoring of multidrug drug resistance protein 1 (MRP1/ABCC1) -mediated transport of 2,7-bis-(3-carboxypropyl)-5-(and-6)- carboxyfluorescein (BCPCF) into human erythrocyte membrane inside-out vesicles. <i>Molecular Membrane Biology</i> , 2007, 24, 485-495.	2.0	5

#	ARTICLE	IF	CITATIONS
37	Microtubuleâ€Targeting 7â€Deazahypoxanthines Derived from Marine Alkaloid Rigidins: Exploration of the N3 and N9 Positions and Interaction with Multidrugâ€Resistance Proteins. ChemMedChem, 2019, 14, 322-333.	1.6	5
38	Biotin-phenosafranin as a new photosensitive conjugate for targeted therapy and imaging. New Journal of Chemistry, 2021, 45, 9691-9702.	1.4	5
39	Comparison of the VASP assay and platelet aggregometry in the evaluation of platelet P2Y12 receptor blockade. Polish Archives of Internal Medicine, 2011, 121, 115-121.	0.3	3
40	Is the glutathione Sâ€conjugate pump a flippase?. IUBMB Life, 1998, 44, 97-105.	1.5	2
41	House dust mite sensitization and frequent antibiotic courses may suppress remission of rhinosinusitis and asthma symptoms in young children. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 301-304.	2.7	2
42	The synthesis and biological activity of the 3-ferrocenylpropenamides derived from 5(4H)-oxazolones. Journal of Organometallic Chemistry, 2021, 953, 122026.	0.8	2
43	Comparison of the VASP assay and platelet aggregometry in the evaluation of platelet P2Y12 receptor blockade. , 2011, 121, 115-21.		0