Dorota Wrzesniok

List of Publications by Year in Descending Order

69 papers	734 citations	16 h-index	22 g-index
81 ext. papers	963 ext. citations	3.7 avg, IF	4.16 L-index

#	Paper	IF	Citations
69	Chemosensitization of U-87 MG Glioblastoma Cells by Neobavaisoflavone towards Doxorubicin and Etoposide. *International Journal of Molecular Sciences*, **2022**, 23, 5621	6.3	1
68	Nanoparticles Loaded with Docetaxel and Resveratrol as an Advanced Tool for Cancer Therapy. *Biomedicines*, **2022**, 10, 1187	4.8	5
67	Single- versus Dual-Targeted Nanoparticles with Folic Acid and Biotin for Anticancer Drug Delivery. *Pharmaceutics*, **2021**, 13,	6.4	5
66	The role of UVA radiation in ketoprofen-mediated BRAF-mutant amelanotic melanoma cells death - A study at the cellular and molecular level. *Toxicology in Vitro*, **2021**, 72, 105108	3.6	0
65	Molecular and Biochemical Basis of Minocycline-Induced Hyperpigmentation-The Study on Normal Human Melanocytes Exposed to UVA and UVB Radiation. *International Journal of Molecular Sciences* , **2021**, 22,	6.3	3
64	The application of in silico experimental model in the assessment of ciprofloxacin and levofloxacin interaction with main SARS-CoV-2 targets: S-, E- and TMPRSS2 proteins, RNA-dependent RNA polymerase and papain-like protease (PLpro)-preliminary molecular docking analysis. *Pharmacological Reports*, **2021**, 73, 1765-1780	3.9	1
63	Drug-Induced Photosensitivity-From Light and Chemistry to Biological Reactions and Clinical Symptoms. *Pharmaceuticals*, **2021**, 14,	5.2	4
62	Response of Human Glioblastoma Cells to Vitamin B12 Deficiency: A Study Using the Non-Toxic Cobalamin Antagonist. *Biology*, **2021**, 10,	4.9	1
61	Minocycline Impact on Redox Homeostasis of Normal Human Melanocytes HEMn-LP Exposed to UVA Radiation and Hydrogen Peroxide. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
60	Neobavaisoflavone May Modulate the Activity of Topoisomerase Inhibitors towards U-87 MG Cells: An In Vitro Study. *Molecules*, **2021**, 26,	4.8	2
59	PARP1 as a Marker of an Aggressive Clinical Phenotype in Cutaneous Melanoma-A Clinical and an In Vitro Study. *Cells*, **2021**, 10,	7.9	3
58	Astrogliosis in an Experimental Model of Hypovitaminosis B12: A Cellular Basis of Neurological Disorders due to Cobalamin Deficiency. *Cells*, **2020**, 9,	7.9	2
57	Cytotoxic and proapoptotic effect of doxycycline - An in vitro study on the human skin melanoma cells. *Toxicology in Vitro*, **2020**, 65, 104790	3.6	10
56	Biological function of cobalamin: causes and effects of hypocobalaminemia at the molecular, cellular, tissue and organism level. *Postepy Higieny I Medycyny Doswiadczalnej*, **2020**, 74, 443-451	0.3	
55	The role of MITF and Mcl-1 proteins in the antiproliferative and proapoptotic effect of ciprofloxacin in amelanotic melanoma cells: In silico and in vitro study. *Toxicology in Vitro*, **2020**, 66, 104884	3.6	5
54	Cellular and Molecular Aspects of Anti-Melanoma Effect of Minocycline-A Study of Cytotoxicity and Apoptosis on Human Melanotic Melanoma Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
53	UVA Radiation Enhances Lomefloxacin-Mediated Cytotoxic, Growth-Inhibitory and Pro-Apoptotic Effect in Human Melanoma Cells through Excessive Reactive Oxygen Species Generation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1

52	Ciprofloxacin and moxifloxacin could interact with SARS-CoV-2 protease: preliminary in silico analysis. *Pharmacological Reports*, **2020**, 72, 1553-1561	3.9	22
51	Molecular and Biochemical Basis of Fluoroquinolones-Induced Phototoxicity-The Study of Antioxidant System in Human Melanocytes Exposed to UV-A Radiation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
50	MIM1 induces COLO829 melanoma cell death through mitochondrial membrane breakdown, GSH depletion, and DNA damage. *Fundamental and Clinical Pharmacology*, **2020**, 34, 20-31	3.1	4
49	Mcl-1 Inhibitor Induces Cells Death in BRAF-Mutant Amelanotic Melanoma Trough GSH Depletion, DNA Damage and Cell Cycle Changes. *Pathology and Oncology Research*, **2020**, 26, 1465-1474	2.6	5
48	Chlortetracycline and melanin biopolymer - The risk of accumulation and implications for phototoxicity: An in vitro study on normal human melanocytes. *Chemico-Biological Interactions*, **2019**, 303, 27-34	5	11
47	Cobalamin Deficiency: Effect on Homeostasis of Cultured Human Astrocytes. *Cells*, **2019**, 8,	7.9	5
46	Moxifloxacin as an inducer of apoptosis in melanoma cells: A study at the cellular and molecular level. *Toxicology in Vitro*, **2019**, 55, 75-92	3.6	13
45	Phototoxic effect of oxytetracycline on normal human melanocytes. *Toxicology in Vitro*, **2018**, 48, 26-32	3.6	8
44	Ciprofloxacin-mediated induction of S-phase cell cycle arrest and apoptosis in COLO829 melanoma cells. *Pharmacological Reports*, **2018**, 70, 6-13	3.9	29
43	GSH depletion, mitochondrial membrane breakdown, caspase-3/7 activation and DNA fragmentation in U87MG glioblastoma cells: New insight into the mechanism of cytotoxicity induced by fluoroquinolones. *European Journal of Pharmacology*, **2018**, 835, 94-107	5.3	14
42	Caffeine modulates growth and vitality of human melanotic COLO829 and amelanotic C32 melanoma cells: Preliminary findings. *Food and Chemical Toxicology*, **2018**, 120, 566-570	4.7	2
41	MIM1, the Mcl-1 - specific BH3 mimetic induces apoptosis in human U87MG glioblastoma cells. *Toxicology in Vitro*, **2018**, 53, 126-135	3.6	5
40	Protective Effect of Polyphenol-Rich Extract from Bee Pollen in a High-Fat Diet. *Molecules*, **2018**, 23,	4.8	10
39	Kanamycin induces free radicals formation in melanocytes: An important factor for aminoglycosides ototoxicity. *Journal of Cellular Biochemistry*, **2018**, 120, 1165	4.7	5
38	Vitamin B Deficiency Induces Imbalance in Melanocytes Homeostasis-A Cellular Basis of Hypocobalaminemia Pigmentary Manifestations. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13
37	In vitro melanogenesis inhibition by fluphenazine and prochlorperazine in normal human melanocytes lightly pigmented. *DARU, Journal of Pharmaceutical Sciences*, **2018**, 26, 85-89	3.9	2
36	Ciprofloxacin triggers the apoptosis of human triple-negative breast cancer MDA-MB-231 cells via the p53/Bax/Bcl-2 signaling pathway. *International Journal of Oncology*, **2018**, 52, 1727-1737	4.4	27
35	UVA radiation augments cytotoxic activity of psoralens in melanoma cells. *International Journal of Radiation Biology*, **2017**, 93, 734-739	2.9	9

34	Lomefloxacin Induces Oxidative Stress and Apoptosis in COLO829 Melanoma Cells. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	22
33	Effect of fluoroquinolones on melanogenesis in normal human melanocytes HEMn-DP: a comparative in vitro study. *Cutaneous and Ocular Toxicology*, **2017**, 36, 169-175	1.8	10
32	From tyrosine to melanin: Signaling pathways and factors regulating melanogenesis. *Postepy Higieny I Medycyny Doswiadczalnej*, **2016**, 70, 695-708	0.3	50
31	The effect of simultaneous exposure of HEMn-DP and HEMn-LP melanocytes to nicotine and UV-radiation on the cell viability and melanogenesis. *Environmental Research*, **2016**, 151, 44-49	7.9	6
30	FLUPHENAZINE AND PERPHENAZINE IMPACT ON MELANOGENESIS AND ANTIOXIDANT ENZYMES ACTIVITY IN NORMAL HUMAN MELANOCYTES. *Acta Poloniae Pharmaceutica*, **2016**, 73, 903-911	1.3	3
29	Effect of norfloxacin and moxifloxacin on melanin synthesis and antioxidant enzymes activity in normal human melanocytes. *Molecular and Cellular Biochemistry*, **2015**, 401, 107-14	4.2	24
28	Effect of tetracycline and UV radiation on melanization and antioxidant status of melanocytes. *Journal of Photochemistry and Photobiology B: Biology*, **2015**, 148, 168-173	6.7	17
27	Effect of thioridazine on antioxidant status of HEMn-DP melanocytes. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2015**, 388, 1097-104	3.4	12
26	Gentamicin affects melanogenesis in normal human melanocytes. *Cutaneous and Ocular Toxicology*, **2015**, 34, 107-11	1.8	3
25	Melanogenesis and antioxidant defense system in normal human melanocytes cultured in the presence of chlorpromazine. *Toxicology in Vitro*, **2015**, 29, 221-7	3.6	11
24	Impact of sparfloxacin on melanogenesis and antioxidant defense system in normal human melanocytes HEMa-LP - An in vitro study. *Pharmacological Reports*, **2015**, 67, 38-43	3.9	13
23	Modulation of Melanogenesis and Antioxidant Status of Melanocytes in Response to Phototoxic Action of Doxycycline. *Photochemistry and Photobiology*, **2015**, 91, 1429-34	3.6	17
22	EPR spectroscopy of chlorpromazine-induced free radical formation in normal human melanocytes. *European Biophysics Journal*, **2015**, 44, 359-65	1.9	11
21	Nicotine impact on melanogenesis and antioxidant defense system in HEMn-DP melanocytes. *Molecular and Cellular Biochemistry*, **2014**, 395, 109-16	4.2	9
20	Effect of nicotine on melanogenesis and antioxidant status in HEMn-LP melanocytes. *Environmental Research*, **2014**, 134, 309-14	7.9	4
19	Interaction of free radicals of DOPA-melanin-streptomycin complexes with paramagnetic oxygen O2. *Journal of Applied Biomedicine*, **2014**, 12, 161-169	0.6	5
18	EPR characteristics of free radicals in DOPA-melanin-moxifloxacin complexes at ambient level of UVA radiation. *Chemical Physics Letters*, **2014**, 592, 41-46	2.5	13
17	Effect of streptomycin on melanogenesis and antioxidant status in melanocytes. *Molecular and Cellular Biochemistry*, **2013**, 383, 77-84	4.2	18

16	Impact of kanamycin on melanogenesis and antioxidant enzymes activity in melanocytes--an in vitro study. *Journal of Cellular Biochemistry*, **2013**, 114, 2746-52	4.7	13
15	Cytotoxic effect of lomefloxacin in culture of human epidermal melanocytes. *Pharmacological Reports*, **2013**, 65, 689-99	3.9	24
14	Modulation of melanogenesis and antioxidant defense system in melanocytes by amikacin. *Toxicology in Vitro*, **2013**, 27, 1102-8	3.6	26
13	Effect of oxygen on free radicals in DOPA-melanin complexes with netilmicin, diamagnetic Zn(II), and paramagnetic Cu(II). *Chemical Physics Letters*, **2013**, 556, 278-286	2.5	10
12	Netilmicin-induced modulation of melanogenesis in HEMa-LP melanocytes. *Acta Poloniae Pharmaceutica*, **2013**, 70, 803-8	1.3	3
11	Impact of lomefloxacin on antioxidant enzymes activity in normal melanocytes HEMa-LP. *Current Issues in Pharmacy and Medical Sciences*, **2012**, 25, 426-429	0.5	6
10	Impact of metal ions on netilmicin-melanin interaction. *Acta Poloniae Pharmaceutica*, **2012**, 69, 41-5	1.3	3
9	Amikacin, kanamycin and tobramycin binding to melanin in the presence of Ca(2+) and Mg(2+) ions. *Acta Poloniae Pharmaceutica*, **2012**, 69, 1035-41	1.3	5
8	Electron paramagnetic resonance (EPR) study of DOPA-melanin complexes with kanamycin and copper(II) ions. *Spectroscopy*, **2011**, 25, 197-205		7
7	Interaction between ciprofloxacin and melanin: the effect on proliferation and melanization in melanocytes. *European Journal of Pharmacology*, **2011**, 669, 32-7	5.3	32
6	Interaction of amikacin and tobramycin with melanin in the presence of Cu2+ and Zn2+ ions. *Acta Poloniae Pharmaceutica*, **2011**, 68, 493-8	1.3	3
5	EPR examination of free radical properties of DOPA-melanin complexes with ciprofloxacin, lomefloxacin, norfloxacin and sparfloxacin. *Chemical Physics Letters*, **2010**, 497, 115-122	2.5	24
4	Influence of Copper(II) Ions on Radicals in DOPA-Melanin. *Applied Magnetic Resonance*, **2009**, 36, 81-88	0.8	21
3	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 8155-61	3.4	8
2	Melanin potentiates gentamicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. *European Journal of Pharmacology*, **2002**, 446, 7-13	5.3	19
1	Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. *European Journal of Pharmacology*, **2001**, 419, 139-45	5.3	13