

# Dorota Wrzesniok

## List of Publications by Citations

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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	From tyrosine to melanin: Signaling pathways and factors regulating melanogenesis. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , <b>2016</b> , 70, 695-708	0.3	50
68	Interaction between ciprofloxacin and melanin: the effect on proliferation and melanization in melanocytes. <i>European Journal of Pharmacology</i> , <b>2011</b> , 669, 32-7	5.3	32
67	Ciprofloxacin-mediated induction of S-phase cell cycle arrest and apoptosis in COLO829 melanoma cells. <i>Pharmacological Reports</i> , <b>2018</b> , 70, 6-13	3.9	29
66	Ciprofloxacin triggers the apoptosis of human triple-negative breast cancer MDA-MB-231 cells via the p53/Bax/Bcl-2 signaling pathway. <i>International Journal of Oncology</i> , <b>2018</b> , 52, 1727-1737	4.4	27
65	Modulation of melanogenesis and antioxidant defense system in melanocytes by amikacin. <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1102-8	3.6	26
64	Effect of norfloxacin and moxifloxacin on melanin synthesis and antioxidant enzymes activity in normal human melanocytes. <i>Molecular and Cellular Biochemistry</i> , <b>2015</b> , 401, 107-14	4.2	24
63	Cytotoxic effect of lomefloxacin in culture of human epidermal melanocytes. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 689-99	3.9	24
62	EPR examination of free radical properties of DOPA-melanin complexes with ciprofloxacin, lomefloxacin, norfloxacin and sparfloxacin. <i>Chemical Physics Letters</i> , <b>2010</b> , 497, 115-122	2.5	24
61	Lomefloxacin Induces Oxidative Stress and Apoptosis in COLO829 Melanoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	22
60	Ciprofloxacin and moxifloxacin could interact with SARS-CoV-2 protease: preliminary in silico analysis. <i>Pharmacological Reports</i> , <b>2020</b> , 72, 1553-1561	3.9	22
59	Influence of Copper(II) Ions on Radicals in DOPA-Melanin. <i>Applied Magnetic Resonance</i> , <b>2009</b> , 36, 81-88	0.8	21
58	Melanin potentiates gentamicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>European Journal of Pharmacology</i> , <b>2002</b> , 446, 7-13	5.3	19
57	Effect of streptomycin on melanogenesis and antioxidant status in melanocytes. <i>Molecular and Cellular Biochemistry</i> , <b>2013</b> , 383, 77-84	4.2	18
56	Effect of tetracycline and UV radiation on melanization and antioxidant status of melanocytes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 148, 168-173	6.7	17
55	Modulation of Melanogenesis and Antioxidant Status of Melanocytes in Response to Phototoxic Action of Doxycycline. <i>Photochemistry and Photobiology</i> , <b>2015</b> , 91, 1429-34	3.6	17
54	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. <i>European Journal of Pharmacology</i> , <b>2018</b> , 835, 94-107	5.3	14
53	Impact of sparfloxacin on melanogenesis and antioxidant defense system in normal human melanocytes HEMA-LP - An in vitro study. <i>Pharmacological Reports</i> , <b>2015</b> , 67, 38-43	3.9	13

52	Impact of kanamycin on melanogenesis and antioxidant enzymes activity in melanocytes--an in vitro study. <i>Journal of Cellular Biochemistry</i> , <b>2013</b> , 114, 2746-52	4.7	13
51	EPR characteristics of free radicals in DOPA-melanin-moxifloxacin complexes at ambient level of UVA radiation. <i>Chemical Physics Letters</i> , <b>2014</b> , 592, 41-46	2.5	13
50	Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>European Journal of Pharmacology</i> , <b>2001</b> , 419, 139-45	5.3	13
49	Moxifloxacin as an inducer of apoptosis in melanoma cells: A study at the cellular and molecular level. <i>Toxicology in Vitro</i> , <b>2019</b> , 55, 75-92	3.6	13
48	Vitamin B Deficiency Induces Imbalance in Melanocytes Homeostasis-A Cellular Basis of Hypocobalaminemia Pigmentary Manifestations. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	13
47	Effect of thioridazine on antioxidant status of HEMn-DP melanocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2015</b> , 388, 1097-104	3.4	12
46	Melanogenesis and antioxidant defense system in normal human melanocytes cultured in the presence of chlorpromazine. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 221-7	3.6	11
45	EPR spectroscopy of chlorpromazine-induced free radical formation in normal human melanocytes. <i>European Biophysics Journal</i> , <b>2015</b> , 44, 359-65	1.9	11
44	Chlortetracycline and melanin biopolymer - The risk of accumulation and implications for phototoxicity: An in vitro study on normal human melanocytes. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 303, 27-34	5	11
43	Cytotoxic and proapoptotic effect of doxycycline - An in vitro study on the human skin melanoma cells. <i>Toxicology in Vitro</i> , <b>2020</b> , 65, 104790	3.6	10
42	Protective Effect of Polyphenol-Rich Extract from Bee Pollen in a High-Fat Diet. <i>Molecules</i> , <b>2018</b> , 23,	4.8	10
41	Effect of fluoroquinolones on melanogenesis in normal human melanocytes HEMn-DP: a comparative in vitro study. <i>Cutaneous and Ocular Toxicology</i> , <b>2017</b> , 36, 169-175	1.8	10
40	Effect of oxygen on free radicals in DOPA-melanin complexes with netilmicin, diamagnetic Zn(II), and paramagnetic Cu(II). <i>Chemical Physics Letters</i> , <b>2013</b> , 556, 278-286	2.5	10
39	UVA radiation augments cytotoxic activity of psoralens in melanoma cells. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 734-739	2.9	9
38	Nicotine impact on melanogenesis and antioxidant defense system in HEMn-DP melanocytes. <i>Molecular and Cellular Biochemistry</i> , <b>2014</b> , 395, 109-16	4.2	9
37	Phototoxic effect of oxytetracycline on normal human melanocytes. <i>Toxicology in Vitro</i> , <b>2018</b> , 48, 26-32	3.6	8
36	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 8155-61	3.4	8
35	Electron paramagnetic resonance (EPR) study of DOPA-melanin complexes with kanamycin and copper(II) ions. <i>Spectroscopy</i> , <b>2011</b> , 25, 197-205		7

34	Impact of lomefloxacin on antioxidant enzymes activity in normal melanocytes HEMa-LP. <i>Current Issues in Pharmacy and Medical Sciences</i> , <b>2012</b> , 25, 426-429	0.5	6
33	The effect of simultaneous exposure of HEMn-DP and HEMn-LP melanocytes to nicotine and UV-radiation on the cell viability and melanogenesis. <i>Environmental Research</i> , <b>2016</b> , 151, 44-49	7.9	6
32	MIM1, the Mcl-1 - specific BH3 mimetic induces apoptosis in human U87MG glioblastoma cells. <i>Toxicology in Vitro</i> , <b>2018</b> , 53, 126-135	3.6	5
31	Interaction of free radicals of DOPA-melanin-streptomycin complexes with paramagnetic oxygen O <sub>2</sub> . <i>Journal of Applied Biomedicine</i> , <b>2014</b> , 12, 161-169	0.6	5
30	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. <i>Toxicology in Vitro</i> , <b>2020</b> , 66, 104884	3.6	5
29	Cellular and Molecular Aspects of Anti-Melanoma Effect of Minocycline-A Study of Cytotoxicity and Apoptosis on Human Melanotic Melanoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
28	Single- versus Dual-Targeted Nanoparticles with Folic Acid and Biotin for Anticancer Drug Delivery. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
27	Cobalamin Deficiency: Effect on Homeostasis of Cultured Human Astrocytes. <i>Cells</i> , <b>2019</b> , 8,	7.9	5
26	Kanamycin induces free radicals formation in melanocytes: An important factor for aminoglycosides ototoxicity. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 120, 1165	4.7	5
25	Mcl-1 Inhibitor Induces Cells Death in BRAF-Mutant Amelanotic Melanoma Trough GSH Depletion, DNA Damage and Cell Cycle Changes. <i>Pathology and Oncology Research</i> , <b>2020</b> , 26, 1465-1474	2.6	5
24	Amikacin, kanamycin and tobramycin binding to melanin in the presence of Ca(2+) and Mg(2+) ions. <i>Acta Poloniae Pharmaceutica</i> , <b>2012</b> , 69, 1035-41	1.3	5
23	Nanoparticles Loaded with Docetaxel and Resveratrol as an Advanced Tool for Cancer Therapy. <i>Biomedicines</i> , <b>2022</b> , 10, 1187	4.8	5
22	Effect of nicotine on melanogenesis and antioxidant status in HEMn-LP melanocytes. <i>Environmental Research</i> , <b>2014</b> , 134, 309-14	7.9	4
21	Drug-Induced Photosensitivity-From Light and Chemistry to Biological Reactions and Clinical Symptoms. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	4
20	MIM1 induces COLO829 melanoma cell death through mitochondrial membrane breakdown, GSH depletion, and DNA damage. <i>Fundamental and Clinical Pharmacology</i> , <b>2020</b> , 34, 20-31	3.1	4
19	Minocycline Impact on Redox Homeostasis of Normal Human Melanocytes HEMn-LP Exposed to UVA Radiation and Hydrogen Peroxide. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
18	Gentamicin affects melanogenesis in normal human melanocytes. <i>Cutaneous and Ocular Toxicology</i> , <b>2015</b> , 34, 107-11	1.8	3
17	Molecular and Biochemical Basis of Fluoroquinolones-Induced Phototoxicity-The Study of Antioxidant System in Human Melanocytes Exposed to UV-A Radiation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3

16	Molecular and Biochemical Basis of Minocycline-Induced Hyperpigmentation-The Study on Normal Human Melanocytes Exposed to UVA and UVB Radiation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
15	PARP1 as a Marker of an Aggressive Clinical Phenotype in Cutaneous Melanoma-A Clinical and an In Vitro Study. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
14	Interaction of amikacin and tobramycin with melanin in the presence of Cu <sup>2+</sup> and Zn <sup>2+</sup> ions. <i>Acta Poloniae Pharmaceutica</i> , <b>2011</b> , 68, 493-8	1.3	3
13	Impact of metal ions on netilmicin-melanin interaction. <i>Acta Poloniae Pharmaceutica</i> , <b>2012</b> , 69, 41-5	1.3	3
12	Netilmicin-induced modulation of melanogenesis in HEMa-LP melanocytes. <i>Acta Poloniae Pharmaceutica</i> , <b>2013</b> , 70, 803-8	1.3	3
11	FLUPHENAZINE AND PERPHENAZINE IMPACT ON MELANOGENESIS AND ANTIOXIDANT ENZYMES ACTIVITY IN NORMAL HUMAN MELANOCYTES. <i>Acta Poloniae Pharmaceutica</i> , <b>2016</b> , 73, 903-911	1.3	3
10	Astrogliosis in an Experimental Model of Hypovitaminosis B12: A Cellular Basis of Neurological Disorders due to Cobalamin Deficiency. <i>Cells</i> , <b>2020</b> , 9,	7.9	2
9	Caffeine modulates growth and vitality of human melanotic COLO829 and amelanotic C32 melanoma cells: Preliminary findings. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 120, 566-570	4.7	2
8	In vitro melanogenesis inhibition by fluphenazine and prochlorperazine in normal human melanocytes lightly pigmented. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 26, 85-89	3.9	2
7	Neobavaisoflavone May Modulate the Activity of Topoisomerase Inhibitors towards U-87 MG Cells: An In Vitro Study. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
6	UVA Radiation Enhances Lomefloxacin-Mediated Cytotoxic, Growth-Inhibitory and Pro-Apoptotic Effect in Human Melanoma Cells through Excessive Reactive Oxygen Species Generation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
5	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. <i>Chemical Biology &amp; Drug Design</i> , <b>2021</b> , 77, 1715-1720	3.9	1
4	Response of Human Glioblastoma Cells to Vitamin B12 Deficiency: A Study Using the Non-Toxic Cobalamin Antagonist. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
3	Chemosensitization of U-87 MG Glioblastoma Cells by Neobavaisoflavone towards Doxorubicin and Etoposide. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5621	6.3	1
2	The role of UVA radiation in ketoprofen-mediated BRAF-mutant amelanotic melanoma cells death - A study at the cellular and molecular level. <i>Toxicology in Vitro</i> , <b>2021</b> , 72, 105108	3.6	0
1	Biological function of cobalamin: causes and effects of hypocobalaminemia at the molecular, cellular, tissue and organism level. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , <b>2020</b> , 74, 443-451	0.3	