Dorota WrzeÅ›niok

List of Publications by Year
in descending order

80	1,192	393982	500791
papers	citations	19 h-index	28 g-index

81	81	81	1131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From tyrosine to melanin: Signaling pathways and factors regulating melanogenesis. Postepy Higieny I Medycyny Doswiadczalnej, 2016, 70, 695-708.	0.1	91
2	Single- versus Dual-Targeted Nanoparticles with Folic Acid and Biotin for Anticancer Drug Delivery. Pharmaceutics, 2021, 13, 326.	2.0	54
3	Ciprofloxacin and moxifloxacin could interact with SARS-CoV-2 protease: preliminary in silico analysis. Pharmacological Reports, 2020, 72, 1553-1561.	1.5	47
4	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.	1.4	45
5	Ciprofloxacin-mediated induction of S-phase cell cycle arrest and apoptosis in COLO829 melanoma cells. Pharmacological Reports, 2018, 70, 6-13.	1.5	41
6	Interaction between ciprofloxacin and melanin: The effect on proliferation and melanization in melanocytes. European Journal of Pharmacology, 2011, 669, 32-37.	1.7	36
7	Effect of norfloxacin and moxifloxacin on melanin synthesis and antioxidant enzymes activity in normal human melanocytes. Molecular and Cellular Biochemistry, 2015, 401, 107-114.	1.4	31
8	EPR examination of free radical properties of DOPAâ€“melanin complexes with ciprofloxacin, lomefloxacin, norfloxacin and sparfloxacin. Chemical Physics Letters, 2010, 497, 115-122.	1.2	30
9	Lomefloxacin Induces Oxidative Stress and Apoptosis in COLO829 Melanoma Cells. International Journal of Molecular Sciences, 2017, 18, 2194.	1.8	30
10	Drug-Induced Photosensitivityâ€”From Light and Chemistry to Biological Reactions and Clinical Symptoms. Pharmaceuticals, 2021, 14, 723.	1.7	30
11	Cytotoxic effect of lomefloxacin in culture of human epidermal melanocytes. Pharmacological Reports, 2013, 65, 689-699.	1.5	28
12	Modulation of melanogenesis and antioxidant defense system in melanocytes by amikacin. Toxicology in Vitro, 2013, 27, 1102-1108.	1.1	28
13	Influence of Copper(II) Ions on Radicals in DOPAâ€“Melanin. Applied Magnetic Resonance, 2009, 36, 81-88.	0.6	25
14	Moxifloxacin as an inducer of apoptosis in melanoma cells: A study at the cellular and molecular level. Toxicology in Vitro, 2019, 55, 75-92.	1.1	24
15	Modulation of Melanogenesis and Antioxidant Status of Melanocytes in Response to Phototoxic Action of Doxycycline. Photochemistry and Photobiology, 2015, 91, 1429-1434.	1.3	23
16	Effect of tetracycline and UV radiation on melanization and antioxidant status of melanocytes. Journal of Photochemistry and Photobiology B: Biology, 2015, 148, 168-173.	1.7	22
17	Melanin potentiates gentamicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. European Journal of Pharmacology, 2002, 446, 7-13.	1.7	21
18	Vitamin B12 Deficiency Induces Imbalance in Melanocytes Homeostasisâ€”A Cellular Basis of Hypocobalaminemia Pigmentary Manifestations. International Journal of Molecular Sciences, 2018, 19, 2845.	1.8	21

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19	Chlortetracycline and melanin biopolymer â€“ The risk of accumulation and implications for phototoxicity: An in vitro study on normal human melanocytes. Chemico-Biological Interactions, 2019, 303, 27-34.	1.7	20
20	Cytotoxic and proapoptotic effect of doxycycline â€“ An in vitro study on the human skin melanoma cells. Toxicology in Vitro, 2020, 65, 104790.	1.1	20
21	Effect of streptomycin on melanogenesis and antioxidant status in melanocytes. Molecular and Cellular Biochemistry, 2013, 383, 77-84.	1.4	19
22	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.	1.7	18
23	Nanoparticles Loaded with Docetaxel and Resveratrol as an Advanced Tool for Cancer Therapy. Biomedicines, 2022, 10, 1187.	1.4	18
24	Impact of sparfloxacin on melanogenesis and antioxidant defense system in normal human melanocytes HEMa-LP â€“ An in vitro study. Pharmacological Reports, 2015, 67, 38-43.	1.5	17
25	Protective Effect of Polyphenol-Rich Extract from Bee Pollen in a High-Fat Diet. Molecules, 2018, 23, 805.	1.7	17
26	Nicotine impact on melanogenesis and antioxidant defense system in HEMn-DP melanocytes. Molecular and Cellular Biochemistry, 2014, 395, 109-116.	1.4	16
27	Melanogenesis and antioxidant defense system in normal human melanocytes cultured in the presence of chlorpromazine. Toxicology in Vitro, 2015, 29, 221-227.	1.1	16
28	Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. European Journal of Pharmacology, 2001, 419, 139-145.	1.7	15
29	EPR characteristics of free radicals in DOPAâ€“melaninâ€“moxifloxacin complexes at ambient level of UVA radiation. Chemical Physics Letters, 2014, 592, 41-46.	1.2	15
30	Impact of kanamycin on melanogenesis and antioxidant enzymes activity in melanocytesâ€”an in vitro study. Journal of Cellular Biochemistry, 2013, 114, 2746-2752.	1.2	14
31	Effect of thioridazine on antioxidant status of HEMn-DP melanocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 1097-1104.	1.4	14
32	UVA radiation augments cytotoxic activity of psoralens in melanoma cells. International Journal of Radiation Biology, 2017, 93, 734-739.	1.0	14
33	Cellular and Molecular Aspects of Anti-Melanoma Effect of Minocyclineâ€”A Study of Cytotoxicity and Apoptosis on Human Melanotic Melanoma Cells. International Journal of Molecular Sciences, 2020, 21, 6917.	1.8	14
34	Molecular and Biochemical Basis of Fluoroquinolones-Induced Phototoxicityâ€”The Study of Antioxidant System in Human Melanocytes Exposed to UV-A Radiation. International Journal of Molecular Sciences, 2020, 21, 9714.	1.8	14
35	Effect of fluoroquinolones on melanogenesis in normal human melanocytes HEMn-DP: a comparative in vitro study. Cutaneous and Ocular Toxicology, 2017, 36, 169-175.	0.5	13
36	Phototoxic effect of oxytetracycline on normal human melanocytes. Toxicology in Vitro, 2018, 48, 26-32.	1.1	13

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37	Molecular and Biochemical Basis of Minocycline-Induced Hyperpigmentationâ€"The Study on Normal Human Melanocytes Exposed to UVA and UVB Radiation. International Journal of Molecular Sciences, 2021, 22, 3755.	1.8	13
38	Effect of oxygen on free radicals in DOPAâ€"melanin complexes with netilmicin, diamagnetic Zn(II), and paramagnetic Cu(II). Chemical Physics Letters, 2013, 556, 278-286.	1.2	12
39	EPR spectroscopy of chlorpromazine-induced free radical formation in normal human melanocytes. European Biophysics Journal, 2015, 44, 359-365.	1.2	12
40	Kanamycin induces free radicals formation in melanocytes: An important factor for aminoglycosides ototoxicity. Journal of Cellular Biochemistry, 2019, 120, 1165-1173.	1.2	11
41	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.	1.1	11
42	Effect of nicotine on melanogenesis and antioxidant status in HEMn-LP melanocytes. Environmental Research, 2014, 134, 309-314.	3.7	10
43	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. Bioorganic and Medicinal Chemistry, 2006, 14, 8155-8161.	1.4	9
44	MIM1, the Mcl-1 â€" specific BH3 mimetic induces apoptosis in human U87MG glioblastoma cells. Toxicology in Vitro, 2018, 53, 126-135.	1.1	9
45	Cobalamin Deficiency: Effect on Homeostasis of Cultured Human Astrocytes. Cells, 2019, 8, 1505.	1.8	9
46	MIM1 induces COLO829 melanoma cell death through mitochondrial membrane breakdown, GSH depletion, and DNA damage. Fundamental and Clinical Pharmacology, 2020, 34, 20-31.	1.0	9
47	PARP1 as a Marker of an Aggressive Clinical Phenotype in Cutaneous Melanomaâ€"A Clinical and an In Vitro Study. Cells, 2021, 10, 286.	1.8	9
48	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.	0.9	8
49	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, 1642.	1.8	8
50	The role of UVA radiation in ketoprofen-mediated BRAF-mutant amelanotic melanoma cells death â€" A study at the cellular and molecular level. Toxicology in Vitro, 2021, 72, 105108.	1.1	8
51	Electron paramagnetic resonance (EPR) study of DOPAâ€"melanin complexes with kanamycin and copper(II) ions. Spectroscopy, 2011, 25, 197-205.	0.8	7
52	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.	3.7	7
53	Astrogliosis in an Experimental Model of Hypovitaminosis B12: A Cellular Basis of Neurological Disorders due to Cobalamin Deficiency. Cells, 2020, 9, 2261.	1.8	7
54	The Anticancer Potential of Doxycycline and Minocyclineâ€"A Comparative Study on Amelanotic Melanoma Cell Lines. International Journal of Molecular Sciences, 2022, 23, 831.	1.8	7

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55	Interaction of free radicals of DOPA-melanin-streptomycin complexes with paramagnetic oxygen O₂. Journal of Applied Biomedicine, 2014, 12, 161-169.	0.6	6
56	In vitro melanogenesis inhibition by fluphenazine and prochlorperazine in normal human melanocytes lightly pigmented. DARU, Journal of Pharmaceutical Sciences, 2018, 26, 85-89.	0.9	6
57	Impact of lomefloxacin on antioxidant enzymes activity in normal melanocytes HEMa-LP. Current Issues in Pharmacy and Medical Sciences, 2012, 25, 426-429.	0.1	6
58	Caffeine modulates growth and vitality of human melanotic COLO829 and amelanotic C32 melanoma cells: Preliminary findings. Food and Chemical Toxicology, 2018, 120, 566-570.	1.8	5
59	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)â€"preliminary molecular docking analysis. Pharmacological Reports, 2021, 73, 1765-1780.	1.5	5
60	Neobavaisoflavone May Modulate the Activity of Topoisomerase Inhibitors towards U-87 MG Cells: An In Vitro Study. Molecules, 2021, 26, 4516.	1.7	5
61	Amikacin, kanamycin and tobramycin binding to melanin in the presence of Ca(2+) and Mg(2+) ions. Acta Poloniae Pharmaceutica, 2012, 69, 1035-41.	0.3	5
62	Chemosensitization of U-87 MG Glioblastoma Cells by Neobavaisoflavone towards Doxorubicin and Etoposide. International Journal of Molecular Sciences, 2022, 23, 5621.	1.8	5
63	Changes in the Oxidation-Reduction State of Human Dermal Fibroblasts as an Effect of Lomefloxacin Phototoxic Action. Cells, 2022, 11, 1971.	1.8	5
64	Gentamicin affects melanogenesis in normal human melanocytes. Cutaneous and Ocular Toxicology, 2015, 34, 107-111.	0.5	4
65	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, 8937.	1.8	4
66	Response of Human Glioblastoma Cells to Vitamin B12 Deficiency: A Study Using the Non-Toxic Cobalamin Antagonist. Biology, 2021, 10, 69.	1.3	4
67	The Biochemical and Molecular Analysis of Changes in Melanogenesis Induced by UVA-Activated Fluoroquinolonesâ€"In Vitro Study on Human Normal Melanocytes. Cells, 2021, 10, 2900.	1.8	4
68	FLUPHENAZINE AND PERPHENAZINE IMPACT ON MELANOGENESIS AND ANTIOXIDANT ENZYMES ACTIVITY IN NORMAL HUMAN MELANOCYTES. Acta Poloniae Pharmaceutica, 2016, 73, 903-911.	0.3	4
69	Interaction of amikacin and tobramycin with melanin in the presence of Cu2+ and Zn2+ ions. Acta Poloniae Pharmaceutica, 2011, 68, 493-8.	0.3	3
70	Impact of metal ions on netilmicin-melanin interaction. Acta Poloniae Pharmaceutica, 2012, 69, 41-5.	0.3	3
71	Netilmicin-induced modulation of melanogenesis in HEMa-LP melanocytes. Acta Poloniae Pharmaceutica, 2013, 70, 803-8.	0.3	3
72	The impact of ketoprofen on viability and melanization process in normal melanocytes HEMn-DP. Current Issues in Pharmacy and Medical Sciences, 2012, 25, 376-380.	0.1	2

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73	Ketoprofen Combined with UVA Irradiation Exerts Higher Selectivity in the Mode of Action against Melanotic Melanoma Cells than against Normal Human Melanocytes. International Journal of Molecular Sciences, 2021, 22, 11966.	1.8	2
74	The Assessment of Meloxicam Phototoxicity in Human Normal Skin Cells: In Vitro Studies on Dermal Fibroblasts and Epidermal Melanocytes. Molecules, 2022, 27, 4215.	1.7	2
75	The role of protective agents in pharmacotherapy- assessment of patients awareness. Farmacja Polska, 2019, 75, 591-598.	0.1	0
76	Beauty in a tablet - public knowledge about nutraceuticals. Farmacja Polska, 2020, 76, 239-249.	0.1	0
77	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.	0.1	0
78	Purchase of drugs in non-pharmacy outlet in the aspect of patient's safety. Farmacja Polska, 2021, 77, 539-547.	0.1	0
79	The role of glial cells in neurodegenerative diseases. Part 1. Characteristics and physiological functions. Farmacja Polska, 2021, 77, 745-751.	0.1	0
80	The role of glial cells in neurodegenerative diseases. Part 2. Glial cells pathophysiology in neurodegeneration. Farmacja Polska, 2022, 78, 59-65.	0.1	0