

Jakub Rok

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

559
citations

687220

13
h-index

713332

21
g-index

40
all docs

40
docs citations

40
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2018, 52, 1727-1737.	1.4	45
2	Ciprofloxacin-mediated induction of S-phase cell cycle arrest and apoptosis in COLO829 melanoma cells. <i>Pharmacological Reports</i> , 2018, 70, 6-13.	1.5	41
3	Effect of norfloxacin and moxifloxacin on melanin synthesis and antioxidant enzymes activity in normal human melanocytes. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 107-114.	1.4	31
4	Lomefloxacin Induces Oxidative Stress and Apoptosis in COLO829 Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2194.	1.8	30
5	Drug-Induced Photosensitivity—From Light and Chemistry to Biological Reactions and Clinical Symptoms. <i>Pharmaceuticals</i> , 2021, 14, 723.	1.7	30
6	Moxifloxacin as an inducer of apoptosis in melanoma cells: A study at the cellular and molecular level. <i>Toxicology in Vitro</i> , 2019, 55, 75-92.	1.1	24
7	Modulation of Melanogenesis and Antioxidant Status of Melanocytes in Response to Phototoxic Action of Doxycycline. <i>Photochemistry and Photobiology</i> , 2015, 91, 1429-1434.	1.3	23
8	Effect of tetracycline and UV radiation on melanization and antioxidant status of melanocytes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 168-173.	1.7	22
9	Vitamin B12 Deficiency Induces Imbalance in Melanocytes Homeostasis—A Cellular Basis of Hypocobalaminemia Pigmentary Manifestations. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2845.	1.8	21
10	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> , 2019, 303, 27-34.	1.7	20
11	Cytotoxic and proapoptotic effect of doxycycline — An in vitro study on the human skin melanoma cells. <i>Toxicology in Vitro</i> , 2020, 65, 104790.	1.1	20
12	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> , 2018, 835, 94-107.	1.7	18
13	UVA radiation augments cytotoxic activity of psoralens in melanoma cells. <i>International Journal of Radiation Biology</i> , 2017, 93, 734-739.	1.0	14
14	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> , 2020, 21, 6917.	1.8	14
15	Molecular and Biochemical Basis of Fluoroquinolones-Induced Phototoxicity—The Study of Antioxidant System in Human Melanocytes Exposed to UVA Radiation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9714.	1.8	14
16	Effect of fluoroquinolones on melanogenesis in normal human melanocytes HEMn-DP: a comparative <i>in vitro</i> study. <i>Cutaneous and Ocular Toxicology</i> , 2017, 36, 169-175.	0.5	13
17	Phototoxic effect of oxytetracycline on normal human melanocytes. <i>Toxicology in Vitro</i> , 2018, 48, 26-32.	1.1	13
18	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> , 2021, 22, 3755.	1.8	13

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19	EPR spectroscopy of chlorpromazine-induced free radical formation in normal human melanocytes. <i>European Biophysics Journal</i> , 2015, 44, 359-365.	1.2	12
20	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> , 2020, 66, 104884.	1.1	11
21	Effect of nicotine on melanogenesis and antioxidant status in HEMn-LP melanocytes. <i>Environmental Research</i> , 2014, 134, 309-314.	3.7	10
22	MIM1, the Mcl-1 specific BH3 mimetic induces apoptosis in human U87MG glioblastoma cells. <i>Toxicology in Vitro</i> , 2018, 53, 126-135.	1.1	9
23	Cobalamin Deficiency: Effect on Homeostasis of Cultured Human Astrocytes. <i>Cells</i> , 2019, 8, 1505.	1.8	9
24	MIM1 induces COLO829 melanoma cell death through mitochondrial membrane breakdown, GSH depletion, and DNA damage. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 20-31.	1.0	9
25	PARP1 as a Marker of an Aggressive Clinical Phenotype in Cutaneous Melanoma—A Clinical and an In Vitro Study. <i>Cells</i> , 2021, 10, 286.	1.8	9
26	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> , 2020, 26, 1465-1474.	0.9	8
27	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> , 2021, 22, 1642.	1.8	8
28	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> , 2021, 72, 105108.	1.1	8
29	Mechanism of Anticancer Action of Novel Imidazole Platinum(II) Complex Conjugated with G2 PAMAM-OH Dendrimer in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5581.	1.8	8
30	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> , 2016, 151, 44-49.	3.7	7
31	Astrogliosis in an Experimental Model of Hypovitaminosis B12: A Cellular Basis of Neurological Disorders due to Cobalamin Deficiency. <i>Cells</i> , 2020, 9, 2261.	1.8	7
32	The Anticancer Potential of Doxycycline and Minocycline—A Comparative Study on Amelanotic Melanoma Cell Lines. <i>International Journal of Molecular Sciences</i> , 2022, 23, 831.	1.8	7
33	Neobavaisoflavone May Modulate the Activity of Topoisomerase Inhibitors towards U-87 MG Cells: An In Vitro Study. <i>Molecules</i> , 2021, 26, 4516.	1.7	5
34	Chemosensitization of U-87 MG Glioblastoma Cells by Neobavaisoflavone towards Doxorubicin and Etoposide. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5621.	1.8	5
35	Changes in the Oxidation-Reduction State of Human Dermal Fibroblasts as an Effect of Lomefloxacin Phototoxic Action. <i>Cells</i> , 2022, 11, 1971.	1.8	5
36	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> , 2020, 21, 8937.	1.8	4

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37	Response of Human Glioblastoma Cells to Vitamin B12 Deficiency: A Study Using the Non-Toxic Cobalamin Antagonist. <i>Biology</i> , 2021, 10, 69.	1.3	4
38	The Biochemical and Molecular Analysis of Changes in Melanogenesis Induced by UVA-Activated Fluoroquinolonesâ€™ In Vitro Study on Human Normal Melanocytes. <i>Cells</i> , 2021, 10, 2900.	1.8	4
39	Ketoprofen Combined with UVA Irradiation Exerts Higher Selectivity in the Mode of Action against Melanotic Melanoma Cells than against Normal Human Melanocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11966.	1.8	2
40	The Assessment of Meloxicam Phototoxicity in Human Normal Skin Cells: In Vitro Studies on Dermal Fibroblasts and Epidermal Melanocytes. <i>Molecules</i> , 2022, 27, 4215.	1.7	2