

Jakub Rok

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

301
citations

11
h-index

15
g-index

40
ext. papers

439
ext. citations

5.1
avg. IF

3.38
L-index

#	Paper	IF	Citations
34	Chemosensitization of U-87 MG Glioblastoma Cells by Neobavaisoflavone towards Doxorubicin and Etoposide. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5621	6.3	1
33	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	3.6	0
32	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,	6.3	3
31	Drug-Induced Photosensitivity-From Light and Chemistry to Biological Reactions and Clinical Symptoms. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
30	Response of Human Glioblastoma Cells to Vitamin B12 Deficiency: A Study Using the Non-Toxic Cobalamin Antagonist. <i>Biology</i> , 2021 , 10,	4.9	1
29	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,	6.3	4
28	Neobavaisoflavone May Modulate the Activity of Topoisomerase Inhibitors towards U-87 MG Cells: An In Vitro Study. <i>Molecules</i> , 2021 , 26,	4.8	2
27	PARP1 as a Marker of an Aggressive Clinical Phenotype in Cutaneous Melanoma-A Clinical and an In Vitro Study. <i>Cells</i> , 2021 , 10,	7.9	3
26	Astrogliosis in an Experimental Model of Hypovitaminosis B12: A Cellular Basis of Neurological Disorders due to Cobalamin Deficiency. <i>Cells</i> , 2020 , 9,	7.9	2
25	Cytotoxic and proapoptotic effect of doxycycline - An in vitro study on the human skin melanoma cells. <i>Toxicology in Vitro</i> , 2020 , 65, 104790	3.6	10
24	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	3.6	5
23	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,	6.3	5
22	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,	6.3	1
21	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> , 2020 , 21,	6.3	3
20	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	3.1	4
19	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	2.6	5
18	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	5	11

17	Cobalamin Deficiency: Effect on Homeostasis of Cultured Human Astrocytes. <i>Cells</i> , 2019 , 8,	7.9	5
16	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	3.6	13
15	Phototoxic effect of oxytetracycline on normal human melanocytes. <i>Toxicology in Vitro</i> , 2018 , 48, 26-32	3.6	8
14	Ciprofloxacin-mediated induction of S-phase cell cycle arrest and apoptosis in COLO829 melanoma cells. <i>Pharmacological Reports</i> , 2018 , 70, 6-13	3.9	29
13	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	5.3	14
12	MIM1, the Mcl-1 - specific BH3 mimetic induces apoptosis in human U87MG glioblastoma cells. <i>Toxicology in Vitro</i> , 2018 , 53, 126-135	3.6	5
11	Vitamin B Deficiency Induces Imbalance in Melanocytes Homeostasis-A Cellular Basis of Hypocobalaminemia Pigmentary Manifestations. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	13
10	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	4.4	27
9	UVA radiation augments cytotoxic activity of psoralens in melanoma cells. <i>International Journal of Radiation Biology</i> , 2017 , 93, 734-739	2.9	9
8	Lomefloxacin Induces Oxidative Stress and Apoptosis in COLO829 Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	22
7	Effect of fluoroquinolones on melanogenesis in normal human melanocytes HEMn-DP: a comparative in vitro study. <i>Cutaneous and Ocular Toxicology</i> , 2017 , 36, 169-175	1.8	10
6	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	7.9	6
5	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	4.2	24
4	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	6.7	17
3	Modulation of Melanogenesis and Antioxidant Status of Melanocytes in Response to Phototoxic Action of Doxycycline. <i>Photochemistry and Photobiology</i> , 2015 , 91, 1429-34	3.6	17
2	EPR spectroscopy of chlorpromazine-induced free radical formation in normal human melanocytes. <i>European Biophysics Journal</i> , 2015 , 44, 359-65	1.9	11
1	Effect of nicotine on melanogenesis and antioxidant status in HEMn-LP melanocytes. <i>Environmental Research</i> , 2014 , 134, 309-14	7.9	4