

Izabela Dobrzyńska

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

625
citations

759233

12
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in electric charge and phospholipids composition in human colorectal cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2005, 276, 113-119.	3.1	238
2	Changes in Electric Properties of Human Breast Cancer Cells. <i>Journal of Membrane Biology</i> , 2013, 246, 161-166.	2.1	50
3	Time-dependent effect of rutin on skin fibroblasts membrane disruption following UV radiation. <i>Redox Biology</i> , 2017, 12, 733-744.	9.0	47
4	Characterization of Human Bladder Cell Membrane During Cancer Transformation. <i>Journal of Membrane Biology</i> , 2015, 248, 301-307.	2.1	36
5	Parameters characterizing acid-base equilibria between cell membrane and solution and their application to monitoring the effect of various factors on the membrane. <i>Bioelectrochemistry</i> , 2006, 69, 142-147.	4.6	34
6	Inhibition of interaction between <i>Staphylococcus aureus</i> α -hemolysin and erythrocytes membrane by hydrolysable tannins: structure-related activity study. <i>Scientific Reports</i> , 2020, 10, 11168.	3.3	26
7	Green tea modulation of the biochemical and electric properties of rat liver cells that were affected by ethanol and aging. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 709-21.	7.0	24
8	Protective effect of green tea on erythrocyte membrane of different age rats intoxicated with ethanol. <i>Chemico-Biological Interactions</i> , 2005, 156, 41-53.	4.0	22
9	Effects of rutin on the physicochemical properties of skin fibroblasts membrane disruption following UV radiation. <i>Chemico-Biological Interactions</i> , 2018, 282, 29-35.	4.0	20
10	Cannabidiol-Mediated Changes to the Phospholipid Profile of UVB-Irradiated Keratinocytes from Psoriatic Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6592.	4.1	20
11	Effect of l-carnitine on liver cell membranes in ethanol-intoxicated rats. <i>Chemico-Biological Interactions</i> , 2010, 188, 44-51.	4.0	19
12	Hydrolysable tannins change physicochemical parameters of lipid nano-vesicles and reduce DPPH radical - Experimental studies and quantum chemical analysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183778.	2.6	14
13	Changes in the Physicochemical Properties of Blood and Skin Cell Membranes as a Result of Psoriasis Vulgaris and Psoriatic Arthritis Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9129.	4.1	13
14	Effects of UVB Radiation on the Physicochemical Properties of Fibroblasts and Keratinocytes. <i>Journal of Membrane Biology</i> , 2016, 249, 319-325.	2.1	10
15	Association of alkali metal cations with phosphatidylcholine liposomal membrane surface. <i>European Biophysics Journal</i> , 2017, 46, 149-155.	2.2	10
16	The Differential Effect of Cannabidiol on the Composition and Physicochemical Properties of Keratinocyte and Fibroblast Membranes from Psoriatic Patients and Healthy People. <i>Membranes</i> , 2021, 11, 111.	3.0	8
17	Changes in physicochemical properties of kidney cells membrane as a consequence of hypertension and treatment of hypertensive rats with FAAH inhibitor. <i>Chemico-Biological Interactions</i> , 2019, 299, 52-58.	4.0	7
18	Effects of hypertension and FAAH inhibitor treatment of rats with primary and secondary hypertension considering the physicochemical properties of erythrocytes. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 297-305.	2.7	7

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19	Effect of sweet grass (<i>Hierochloe odorata</i>) on the physico-chemical properties of liver cell membranes from rats intoxicated with ethanol. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 247-253.	4.0	6
20	Determination of association constants of monovalent ions to sphingomyelin and phosphatidylinositol liposomal membranes by microelectrophoresis. <i>Soft Materials</i> , 2017, 15, 113-120.	1.7	4
21	Effects of Novel Dinuclear Cisplatinum(II) Complexes on the Electric Properties of Human Breast Cancer Cells. <i>Journal of Membrane Biology</i> , 2014, 247, 167-173.	2.1	3
22	Effects of Novel Dinuclear Cisplatinum(II) Complexes on the Electrical Properties of Human Molt-4 Leukemia Cells. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1517-1523.	1.8	3
23	Association equilibria of divalent ions on the surface of liposomes formed from phosphatidylcholine. <i>European Physical Journal E</i> , 2019, 42, 3.	1.6	2
24	Changes in electric charge and phospholipids composition in erythrocyte membrane of ethanol-poisoned rats after administration of teas. <i>Acta Poloniae Pharmaceutica</i> , 2004, 61, 483-7.	0.1	2