

Alicja Kuban-Jankowska

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,345
citations

566801

15
h-index

360668

35
g-index

42
all docs

42
docs citations

42
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential Health Benefits of Olive Oil and Plant Polyphenols. <i>International Journal of Molecular Sciences</i> , 2018, 19, 686.	1.8	421
2	Beneficial Properties of Green Tea Catechins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1744.	1.8	341
3	Nitric oxide and its derivatives in the cancer battlefield. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 102-114.	1.2	79
4	Curcumin and Cinnamaldehyde as PTP1B Inhibitors With Antidiabetic and Anticancer Potential. <i>Anticancer Research</i> , 2019, 39, 745-749.	0.5	35
5	Anticancer Potential of Oleuropein, the Polyphenol of Olive Oil, With 2-Methoxyestradiol, Separately or in Combination, in Human Osteosarcoma Cells. <i>Anticancer Research</i> , 2019, 39, 1243-1251.	0.5	29
6	Inhibitors of Protein Tyrosine Phosphatase PTP1B With Anticancer Potential. <i>Anticancer Research</i> , 2019, 39, 3379-3384.	0.5	27
7	Plausible Role of Estrogens in Pathogenesis, Progression and Therapy of Lung Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 648.	1.2	24
8	Green Tea Catechins Induce Inhibition of PTP1B Phosphatase in Breast Cancer Cells with Potent Anti-Cancer Properties: In Vitro Assay, Molecular Docking, and Dynamics Studies. <i>Antioxidants</i> , 2020, 9, 1208.	2.2	23
9	Lipoic Acid Decreases the Viability of Breast Cancer Cells and Activity of PTP1B and SHP2. <i>Anticancer Research</i> , 2017, 37, 2893-2898.	0.5	22
10	DNA strand breaks induced by nuclear hijacking of neuronal NOS as an anti-cancer effect of 2-methoxyestradiol. <i>Oncotarget</i> , 2015, 6, 15449-15463.	0.8	20
11	Neuronal Nitric Oxide Synthase Induction in the Antitumorigenic and Neurotoxic Effects of 2-Methoxyestradiol. <i>Molecules</i> , 2014, 19, 13267-13281.	1.7	19
12	A Proposed Molecular Mechanism of High-Dose Vitamin D3 Supplementation in Prevention and Treatment of Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13043-13064.	1.8	19
13	2-Methoxyestradiol Affects Mitochondrial Biogenesis Pathway and Succinate Dehydrogenase Complex Flavoprotein Subunit A in Osteosarcoma Cancer Cells. <i>Cancer Genomics and Proteomics</i> , 2018, 15, 73-89.	1.0	18
14	Protein tyrosine phosphatases in pathological process. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 377-388.	3.0	17
15	Inhibitory Activity of Iron Chelators ATA and DFO on MCF-7 Breast Cancer Cells and Phosphatases PTP1B and SHP2. <i>Anticancer Research</i> , 2017, 37, 4799-4806.	0.5	17
16	Chicoric acid binds to two sites and decreases the activity of the YopH bacterial virulence factor. <i>Oncotarget</i> , 2016, 7, 2229-2238.	0.8	16
17	2-Methoxyestradiol impacts on amino acids-mediated metabolic reprogramming in osteosarcoma cells by its interaction with NMDA receptor. <i>Journal of Cellular Physiology</i> , 2017, 232, 3030-3049.	2.0	15
18	PTP1B phosphatase as a novel target of oleuropein activity in MCF-7 breast cancer model. <i>Toxicology in Vitro</i> , 2019, 61, 104624.	1.1	15

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19	2-Methoxyestradiol Reverses the Pro-Carcinogenic Effect of L-Lactate in Osteosarcoma 143B Cells. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 483-493.	1.0	15
20	Synthesis of small peptide compounds, molecular docking, and inhibitory activity evaluation against phosphatases PTP1B and SHP2. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 4139-4147.	2.0	14
21	Inactivation of Protein Tyrosine Phosphatases by Peracids Correlates with the Hydrocarbon Chain Length. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1069-1083.	1.1	12
22	Neuronal Nitric Oxide Synthase-Mediated Genotoxicity of 2-Methoxyestradiol in Hippocampal HT22 Cell Line. <i>Molecular Neurobiology</i> , 2016, 53, 5030-5040.	1.9	12
23	Activation of Hydrogen Peroxide to Peroxytetradecanoic Acid Is Responsible for Potent Inhibition of Protein Tyrosine Phosphatase CD45. <i>PLoS ONE</i> , 2012, 7, e52495.	1.1	11
24	2-Methoxyestradiol and Its Combination with a Natural Compound, Ferulic Acid, Induces Melanoma Cell Death via Downregulation of Hsp60 and Hsp90. <i>Journal of Oncology</i> , 2019, 2019, 1-12.	0.6	10
25	Modification of DNA structure by reactive nitrogen species as a result of 2-methoxyestradiol-induced neuronal nitric oxide synthase uncoupling in metastatic osteosarcoma cells. <i>Redox Biology</i> , 2020, 32, 101522.	3.9	10
26	New Insight into 2-Methoxyestradiol- a Possible Physiological Link between Neurodegeneration and Cancer Cell Death. <i>Current Medicinal Chemistry</i> , 2016, 23, 1513-1527.	1.2	10
27	Nitro-oxidative Stress Is Involved in Anticancer Activity of 17 β -Estradiol Derivative in Neuroblastoma Cells. <i>Anticancer Research</i> , 2016, 36, 1693-8.	0.5	10
28	Docosahexaenoic Acid Inhibits PTP1B Phosphatase and the Viability of MCF-7 Breast Cancer Cells. <i>Nutrients</i> , 2019, 11, 2554.	1.7	9
29	Impact of Apparent Antagonism of Estrogen Receptor β by Fulvestrant on Anticancer Activity of 2-Methoxyestradiol. <i>Anticancer Research</i> , 2016, 36, 2217-26.	0.5	9
30	The Major Heat Shock Proteins, Hsp70 and Hsp90, in 2-Methoxyestradiol-Mediated Osteosarcoma Cell Death Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 616.	1.8	8
31	Curcumin and Its New Derivatives: Correlation between Cytotoxicity against Breast Cancer Cell Lines, Degradation of PTP1B Phosphatase and ROS Generation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10368.	1.8	8
32	Regulation of mitochondrial dynamics in 2-methoxyestradiol-mediated osteosarcoma cell death. <i>Scientific Reports</i> , 2021, 11, 1616.	1.6	7
33	Growth Inhibition of Osteosarcoma Cell Lines in 3D Cultures: Role of Nitrosative and Oxidative Stress. <i>Anticancer Research</i> , 2016, 36, 221-9.	0.5	7
34	Aurintricarboxylic acid structure modifications lead to reduction of inhibitory properties against virulence factor YopH and higher cytotoxicity. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 163.	1.7	6
35	Redox process is crucial for inhibitory properties of aurintricarboxylic acid against activity of YopH: virulence factor of <i>Yersinia pestis</i> . <i>Oncotarget</i> , 2015, 6, 18364-18373.	0.8	6
36	The physiological concentration of ferrous iron (II) alters the inhibitory effect of hydrogen peroxide on CD45, LAR and PTP1B phosphatases. <i>BioMetals</i> , 2015, 28, 975-986.	1.8	5

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37	Induction of 2-hydroxycatecholestrogens O-methylation: A missing puzzle piece in diagnostics and treatment of lung cancer. <i>Redox Biology</i> , 2022, 55, 102395.	3.9	5
38	Protein tyrosine phosphatase CD45 as a molecular biosensor of hydrogen peroxide generation in cell culture media. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 270-273.	1.0	4
39	Regulation of Mitochondrial Dynamics in Parkinson's Disease: Is 2-Methoxyestradiol a Missing Piece?. <i>Antioxidants</i> , 2021, 10, 248.	2.2	4
40	Synthesis, In Vitro, and Computational Studies of PTP1B Phosphatase Inhibitors Based on Oxovanadium(IV) and Dioxovanadium(V) Complexes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7034.	1.8	4
41	The oxidation-reduction reactions in regulation of protein tyrosine phosphatases activity. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0