

Magdalena Gorska-ponikowska

List of Publications by Year in descending order

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48
papers

1,502
citations

516710

16
h-index

330143

37
g-index

48
all docs

48
docs citations

48
times ranked

2185
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.	4.1	421
2	Beneficial Properties of Green Tea Catechins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1744.	4.1	341
3	Nitric oxide and its derivatives in the cancer battlefield. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 102-114.	2.7	79
4	Mitochondria, oxidative stress and nonalcoholic fatty liver disease: A complex relationship. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13622.	3.4	63
5	Doxorubicin anti-tumor mechanisms include Hsp60 post-translational modifications leading to the Hsp60/p53 complex dissociation and instauration of replicative senescence. <i>Cancer Letters</i> , 2017, 385, 75-86.	7.2	54
6	Geldanamycin-Induced Osteosarcoma Cell Death Is Associated with Hyperacetylation and Loss of Mitochondrial Pool of Heat Shock Protein 60 (Hsp60). <i>PLoS ONE</i> , 2013, 8, e71135.	2.5	50
7	Modulation of Autophagy in Cancer Cells by Dietary Polyphenols. <i>Antioxidants</i> , 2021, 10, 123.	5.1	37
8	Curcumin and Cinnamaldehyde as PTP1B Inhibitors With Antidiabetic and Anticancer Potential. <i>Anticancer Research</i> , 2019, 39, 745-749.	1.1	35
9	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.	1.1	29
10	Inhibitors of Protein Tyrosine Phosphatase PTP1B With Anticancer Potential. <i>Anticancer Research</i> , 2019, 39, 3379-3384.	1.1	27
11	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.	2.6	24
12	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.	5.1	23
13	Lipoic Acid Decreases the Viability of Breast Cancer Cells and Activity of PTP1B and SHP2. <i>Anticancer Research</i> , 2017, 37, 2893-2898.	1.1	22
14	Neuronal Nitric Oxide Synthase Induction in the Antitumorigenic and Neurotoxic Effects of 2-Methoxyestradiol. <i>Molecules</i> , 2014, 19, 13267-13281.	3.8	19
15	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.	4.1	19
16	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.	2.0	18
17	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.	1.1	17
18	Chicoric acid binds to two sites and decreases the activity of the YopH bacterial virulence factor. <i>Oncotarget</i> , 2016, 7, 2229-2238.	1.8	16

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19	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.	4.1	15
20	PTP1B phosphatase as a novel target of oleuropein activity in MCF-7 breast cancer model. <i>Toxicology in Vitro</i> , 2019, 61, 104624.	2.4	15
21	2-Methoxyestradiol Reverses the Pro-Carcinogenic Effect of L-Lactate in Osteosarcoma 143B Cells. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 483-493.	2.0	15
22	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.	4.3	14
23	Neuronal Nitric Oxide Synthase-Mediated Genotoxicity of 2-Methoxyestradiol in Hippocampal HT22 Cell Line. <i>Molecular Neurobiology</i> , 2016, 53, 5030-5040.	4.0	12
24	Activation of Hydrogen Peroxide to Peroxytetradecanoic Acid Is Responsible for Potent Inhibition of Protein Tyrosine Phosphatase CD45. <i>PLoS ONE</i> , 2012, 7, e52495.	2.5	11
25	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.	1.3	10
26	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.	9.0	10
27	New Insight into 2-Methoxyestradiol- a Possible Physiological Link between Neurodegeneration and Cancer Cell Death. <i>Current Medicinal Chemistry</i> , 2016, 23, 1513-1527.	2.4	10
28	Nitro-oxidative Stress Is Involved in Anticancer Activity of 17 β -Estradiol Derivative in Neuroblastoma Cells. <i>Anticancer Research</i> , 2016, 36, 1693-8.	1.1	10
29	Docosahexaenoic Acid Inhibits PTP1B Phosphatase and the Viability of MCF-7 Breast Cancer Cells. <i>Nutrients</i> , 2019, 11, 2554.	4.1	9
30	Medical progress: Stem cells as a new therapeutic strategy for COVID-19. <i>Stem Cell Research</i> , 2021, 52, 102239.	0.7	9
31	Impact of Apparent Antagonism of Estrogen Receptor β by Fulvestrant on Anticancer Activity of 2-Methoxyestradiol. <i>Anticancer Research</i> , 2016, 36, 2217-26.	1.1	9
32	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.	4.1	8
33	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.	4.1	8
34	Regulation of mitochondrial dynamics in 2-methoxyestradiol-mediated osteosarcoma cell death. <i>Scientific Reports</i> , 2021, 11, 1616.	3.3	7
35	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.	4.1	5
36	Induction of 2-hydroxycatecholestrogens O-methylation: A missing puzzle piece in diagnostics and treatment of lung cancer. <i>Redox Biology</i> , 2022, 55, 102395.	9.0	5

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37	Extracellular Chaperones as Novel Biomarkers of Overall Cancer Progression and Efficacy of Anticancer Therapy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6009.	2.5	4
38	Modulation of dermal equivalent of hypothalamuspituitary- adrenal axis in mastocytosis. <i>Postepy Dermatologii i Alergologii</i> , 2021, 38, 461-472.	0.9	4
39	Serum heat shock protein 90 as a future predictive biomarker in childhood acute lymphoblastic leukemia. <i>Central-European Journal of Immunology</i> , 2021, 46, 63-67.	1.2	4
40	Regulation of Mitochondrial Dynamics in Parkinson's Disease's 2-Methoxyestradiol a Missing Piece?. <i>Antioxidants</i> , 2021, 10, 248.	5.1	4
41	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.	4.1	4
42	Heat shock proteins and their association with major pediatric malignancies. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 157-164.	3.0	3
43	DNA methylation profile in patients with indolent systemic mastocytosis. <i>Clinical and Translational Allergy</i> , 2021, 11, e12074.	3.2	2
44	Association between Serum Heat Shock Proteins and Gamma-Delta T Cells' An Outdated Clue or a New Direction in Searching for an Anticancer Strategy? A Short Report. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7325.	2.5	1
45	Effect of Nitrosative Stress on Extracellular Nucleotide Metabolism in Endothelial Cells. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 342-346.	1.1	0
46	The oxidation-reduction reactions in regulation of protein tyrosine phosphatases activity. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
47	Editorial for the Special Issue 'Extracellular Chaperones and Related miRNA as Diagnostic Tools of Chronic Diseases'. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5517.	2.5	0
48	Special Issue 'Celebrating Applied Sciences Reaches 20,000 Articles Milestone: Feature Papers in Applied Biosciences and Bioengineering Section'. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3978.	2.5	0