Anna Bielak-Å»mijewska

List of Publications by Year
in descending order

29	1,542	279487	500791
papers	citations	23 h-index	28 g-index

29	29	29	2446
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sirtuins, a promising target in slowing down the ageing process. Biogerontology, 2017, 18, 447-476.	2.0	325
2	Cellular Senescence in Brain Aging. Frontiers in Aging Neuroscience, 2021, 13, 646924.	1.7	129
3	A comparison of replicative senescence and doxorubicin-induced premature senescence of vascular smooth muscle cells isolated from human aorta. Biogerontology, 2014, 15, 47-64.	2.0	105
4	The Role of Curcumin in the Modulation of Ageing. International Journal of Molecular Sciences, 2019, 20, 1239.	1.8	93
5	TMA, A Forgotten Uremic Toxin, but Not TMAO, Is Involved in Cardiovascular Pathology. Toxins, 2019, 11, 490.	1.5	81
6	Curcumin induces caspase-3-dependent apoptotic pathway but inhibits DNA fragmentation factor 40/caspase-activated DNase endonuclease in human Jurkat cells. Molecular Cancer Therapeutics, 2006, 5, 927-934.	1.9	74
7	Is DNA damage indispensable for stress-induced senescence?. Mechanisms of Ageing and Development, 2018, 170, 13-21.	2.2	66
8	A common signature of cellular senescence; does it exist?. Ageing Research Reviews, 2021, 71, 101458.	5.0	52
9	Nanodiamond-mediated impairment of nucleolar activity is accompanied by oxidative stress and DNMT2 upregulation in human cervical carcinoma cells. Chemico-Biological Interactions, 2014, 220, 51-63.	1.7	48
10	P-glycoprotein expression does not change the apoptotic pathway induced by curcumin in HL-60 cells. Cancer Chemotherapy and Pharmacology, 2004, 53, 179-185.	1.1	46
11	Effect of Curcumin on the Apoptosis of Rodent and Human Nonproliferating and Proliferating Lymphoid Cells. Nutrition and Cancer, 2000, 38, 131-138.	0.9	45
12	Curcumin induces oxidation-dependent cell cycle arrest mediated by SIRT7 inhibition of rDNA transcription in human aortic smooth muscle cells. Toxicology Letters, 2015, 233, 227-238.	0.4	41
13	Curcumin elevates sirtuin level but does not postpone in vitro senescence of human cells building the vasculature. Oncotarget, 2016, 7, 19201-19213.	0.8	41
14	NOX4 downregulation leads to senescence of human vascular smooth muscle cells. Oncotarget, 2016, 7, 66429-66443.	0.8	39
15	Targeting normal and cancer senescent cells as a strategy of senotherapy. Ageing Research Reviews, 2019, 55, 100941.	5.0	37
16	Trimethylamine But Not Trimethylamine Oxide Increases With Age in Rat Plasma and Affects Smooth Muscle Cells Viability. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1276-1283.	1.7	37
17	Curcumin-treated cancer cells show mitotic disturbances leading to growth arrest and induction of senescence phenotype. International Journal of Biochemistry and Cell Biology, 2016, 74, 33-43.	1.2	35
18	Slowing Down Ageing: The Role of Nutrients and Microbiota in Modulation of the Epigenome. Nutrients, 2019, 11, 1251.	1.7	35

#	Article	IF	Citations
19	Curcumin induces senescence of primary human cells building the vasculature in a DNA damage and ATM-independent manner. Age, 2015, 37, 9744.	3.0	34
20	Capsaicin-induced genotoxic stress does not promote apoptosis in A549 human lung and DU145 prostate cancer cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 779, 23-34.	0.9	34
21	Combination of dasatinib and quercetin improves cognitive abilities in aged male Wistar rats, alleviates inflammation and changes hippocampal synaptic plasticity and histone H3 methylation profile. Aging, 2022, 14, 572-595.	1.4	34
22	Czym jest i czym nie jest starzenie komÃ³rki?. Postepy Biochemii, 2018, 64, 110-118.	0.5	31
23	DNA damage-independent apoptosis induced by curcumin in normal resting human T cells and leukaemic Jurkat cells. Mutagenesis, 2013, 28, 411-416.	1.0	30
24	Sarcoid-derived fibroblasts: Links between genomic instability, energy metabolism and senescence. Biochimie, 2014, 97, 163-172.	1.3	16
25	The Role of Nibrin in Doxorubicin-Induced Apoptosis and Cell Senescence in Nijmegen Breakage Syndrome Patients Lymphocytes. PLoS ONE, 2014, 9, e104964.	1.1	11
26	Curcumin induces multiple signaling pathways leading to vascular smooth muscle cell senescence. Biogerontology, 2019, 20, 783-798.	2.0	10
27	Rapha MyrÂ®, a Blend of Sulforaphane and Myrosinase, Exerts Antitumor and Anoikis-Sensitizing Effects on Human Astrocytoma Cells Modulating Sirtuins and DNA Methylation. International Journal of Molecular Sciences, 2020, 21, 5328.	1.8	8
28	IQGAP1-dysfunction leads to induction of senescence in human vascular smooth muscle cells. Mechanisms of Ageing and Development, 2020, 190, 111295.	2.2	5
29	Abstract P3021: Trimethylamine but Not Trimethylamine N-Oxide Increases Blood Pressure in Rats, Affects Viability of Vascular Smooth Muscle Cells and Degrades Protein Structure. Hypertension, 2019, 74, .	1.3	0