Anna Bielak-Zmijewska

List of Publications by Citations

28 papers	1,015 citations	20 h-index	29 g-index
29 ext. papers	1,280 ext. citations	5.2 avg, IF	4.75 L-index

#	Paper	IF	Citations
28	Sirtuins, a promising target in slowing down the ageing process. *Biogerontology*, **2017**, 18, 447-476	4.5	220
27	A comparison of replicative senescence and doxorubicin-induced premature senescence of vascular smooth muscle cells isolated from human aorta. *Biogerontology*, **2014**, 15, 47-64	4.5	79
26	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, 927-34	6.1	65
25	The Role of Curcumin in the Modulation of Ageing. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	55
24	TMA, A Forgotten Uremic Toxin, but Not TMAO, Is Involved in Cardiovascular Pathology. *Toxins*, **2019**, 11,	4.9	51
23	Is DNA damage indispensable for stress-induced senescence?. *Mechanisms of Ageing and Development*, **2018**, 170, 13-21	5.6	48
22	P-glycoprotein expression does not change the apoptotic pathway induced by curcumin in HL-60 cells. *Cancer Chemotherapy and Pharmacology*, **2004**, 53, 179-85	3.5	43
21	Effect of curcumin on the apoptosis of rodent and human nonproliferating and proliferating lymphoid cells. *Nutrition and Cancer*, **2000**, 38, 131-8	2.8	42
20	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	5	40
19	Curcumin induces oxidation-dependent cell cycle arrest mediated by SIRT7 inhibition of rDNA transcription in human aortic smooth muscle cells. *Toxicology Letters*, **2015**, 233, 227-38	4.4	31
18	Curcumin elevates sirtuin level but does not postpone in vitro senescence of human cells building the vasculature. *Oncotarget*, **2016**, 7, 19201-13	3.3	31
17	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	3	30
16	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	5.6	30
15	Targeting normal and cancer senescent cells as a strategy of senotherapy. *Ageing Research Reviews*, **2019**, 55, 100941	12	30
14	NOX4 downregulation leads to senescence of human vascular smooth muscle cells. *Oncotarget*, **2016**, 7, 66429-66443	3.3	30
13	Curcumin induces senescence of primary human cells building the vasculature in a DNA damage and ATM-independent manner. *Age*, **2015**, 37, 9744		29
12	DNA damage-independent apoptosis induced by curcumin in normal resting human T cells and leukaemic Jurkat cells. *Mutagenesis*, **2013**, 28, 411-6	2.8	27

List of Publications

11	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	6.4	26
10	Cellular Senescence in Brain Aging. *Frontiers in Aging Neuroscience*, **2021**, 13, 646924	5.3	24
9	Slowing Down Ageing: The Role of Nutrients and Microbiota in Modulation of the Epigenome. *Nutrients*, **2019**, 11,	6.7	20
8	What is and what is not cell senescence. *Postepy Biochemii*, **2018**, 64, 110-118	0	18
7	Sarcoid-derived fibroblasts: links between genomic instability, energy metabolism and senescence. *Biochimie*, **2014**, 97, 163-72	4.6	13
6	The role of nibrin in doxorubicin-induced apoptosis and cell senescence in Nijmegen Breakage Syndrome patients lymphocytes. *PLoS ONE*, **2014**, 9, e104964	3.7	9
5	Curcumin induces multiple signaling pathways leading to vascular smooth muscle cell senescence. *Biogerontology*, **2019**, 20, 783-798	4.5	6
4	A common signature of cellular senescence; does it exist?. *Ageing Research Reviews*, **2021**, 71, 101458	12	6
3	Rapha Myr, 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,	6.3	5
2	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,	5.6	4
1	IQGAP1-dysfunction leads to induction of senescence in human vascular smooth muscle cells. *Mechanisms of Ageing and Development*, **2020**, 190, 111295	5.6	3