

Jennifer Mytych

List of Publications by Year in descending order

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35
papers

565
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687363

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642732

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35
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Prolonged Effects of Silver Nanoparticles on p53/p21 Pathway-Mediated Proliferation, DNA Damage Response, and Methylation Parameters in HT22 Hippocampal Neuronal Cells. <i>Molecular Neurobiology</i> , 2017, 54, 1285-1300.	4.0	96
2	Low doses of nanodiamonds and silica nanoparticles have beneficial hormetic effects in normal human skin fibroblasts in culture. <i>Chemosphere</i> , 2016, 148, 307-315.	8.2	51
3	Nanodiamond-mediated impairment of nucleolar activity is accompanied by oxidative stress and DNMT2 upregulation in human cervical carcinoma cells. <i>Chemico-Biological Interactions</i> , 2014, 220, 51-63.	4.0	48
4	Sucrose phosphate synthase (SPS), sucrose synthase (SUS) and their products in the leaves of <i>Miscanthus giganteus</i> and <i>Zea mays</i> at low temperature. <i>Planta</i> , 2020, 252, 23.	3.2	40
5	Nanoparticle-mediated decrease of lamin B1 pools promotes a TRF protein-based adaptive response in cultured cells. <i>Biomaterials</i> , 2015, 53, 107-116.	11.4	33
6	Gold Nanoparticles Promote Oxidant-Mediated Activation of NF- κ B and 53BP1 Recruitment-Based Adaptive Response in Human Astrocytes. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	27
7	Klotho protects human monocytes from LPS-induced immune impairment associated with immunosenescent-like phenotype. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 1-13.	3.2	26
8	Nanodiamond-induced increase in ROS and RNS levels activates NF- κ B and augments thiol pools in human hepatocytes. <i>Diamond and Related Materials</i> , 2015, 55, 95-101.	3.9	19
9	Cytotoxic and cytostatic side effects of chitosan nanoparticles as a non-viral gene carrier. <i>International Journal of Pharmaceutics</i> , 2016, 513, 431-437.	5.2	18
10	Neuronal life or death linked to depression treatment: the interplay between drugs and their stress-related outcomes relate to single or combined drug therapies. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 773-784.	4.9	18
11	Klotho modulates ER-mediated signaling crosstalk between prosurvival autophagy and apoptotic cell death during LPS challenge. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 95-107.	4.9	18
12	Towards Age-Related Anti-Inflammatory Therapy: Klotho Suppresses Activation of ER and Golgi Stress Response in Senescent Monocytes. <i>Cells</i> , 2020, 9, 261.	4.1	17
13	Long-term culture with lipopolysaccharide induces dose-dependent cytostatic and cytotoxic effects in THP-1 monocytes. <i>Toxicology in Vitro</i> , 2017, 42, 1-9.	2.4	16
14	Protective role of klotho protein on epithelial cells upon co-culture with activated or senescent monocytes. <i>Experimental Cell Research</i> , 2017, 350, 358-367.	2.6	15
15	Klotho-Mediated Changes in Shelterin Complex Promote Cytotoxic Autophagy and Apoptosis in Amitriptyline-Treated Hippocampal Neuronal Cells. <i>Molecular Neurobiology</i> , 2019, 56, 6952-6963.	4.0	15
16	New insight on the role of melatonin receptors in reproductive processes of seasonal breeders on the example of mature male European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 84-91.	3.8	12
17	Vascular endothelial growth factor (VEGF-A) and fibroblast growth factor (FGF-2) as potential regulators of seasonal reproductive processes in male European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>General and Comparative Endocrinology</i> , 2018, 263, 72-79.	1.8	12
18	Klotho-mediated changes in the expression of Atg13 alter formation of ULK1 complex and thus initiation of ER- and Golgi-stress response mediated autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 57-72.	4.9	9

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19	Klotho and neurons: mutual crosstalk between autophagy, endoplasmic reticulum, and inflammatory response. <i>Neural Regeneration Research</i> , 2021, 16, 1542.	3.0	8
20	Confirmation of the immunoreactivity of monoclonal anti-human C-terminal EGFR antibodies in bronze Corydoras <i>Corydoras aeneus</i> (Callichthyidae Teleostei) by Western Blot method. <i>Acta Histochemica</i> , 2018, 120, 151-153.	1.8	6
21	Autophagy as a consequence of seasonal functions of testis and epididymis in adult male European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Cell and Tissue Research</i> , 2020, 379, 613-624.	2.9	6
22	Focus on the Role of Klotho Protein in Neuro-Immune Interactions in HT-22 Cells Upon LPS Stimulation. <i>Cells</i> , 2020, 9, 1231.	4.1	6
23	Trade-offs between male fertility reduction and selected growth factors or the klotho response in a lipopolysaccharide-dependent mouse model. <i>Toxicological Research</i> , 2022, 38, 175-186.	2.1	6
24	The presence and expression of the HIF-1 α in the respiratory intestine of the bronze Corydoras <i>Corydoras aeneus</i> (Callichthyidae Teleostei). <i>Fish Physiology and Biochemistry</i> , 2018, 44, 1291-1297.	2.3	5
25	Seasonal expression of insulin-like growth factor 1 (IGF-1), its receptor IGF-1R and klotho in testis and epididymis of the European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Theriogenology</i> , 2019, 126, 199-205.	2.1	5
26	Cancer on-target: Selective enhancement of 3-bromopyruvate action by an electromagnetic field in vitro. <i>Free Radical Biology and Medicine</i> , 2022, 180, 153-164.	2.9	5
27	Differential expression of epidermal growth factor receptor (EGFR) in stomach and diverticulum of <i>Otocinclus affinis</i> (Steindachner, 1877) as a potential element of the epithelium remodeling mechanism. <i>Acta Histochemica</i> , 2019, 121, 151-155.	1.8	4
28	Assessment of risk to honey bees and honey consumers resulting from the insect exposure to captan, thiacloprid, penthiopyrad, and λ -cyhalothrin used in a commercial apple orchard. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 129.	2.7	4
29	IGF-1 as selected growth factor multi-response to antidepressant-like substances activity in C57BL/6j mouse testis model. <i>Acta Histochemica</i> , 2021, 123, 151685.	1.8	4
30	Cereal grass juice in wound healing: hormesis and cell-survival in normal fibroblasts, in contrast to toxic events in cancer cells. <i>Journal of Physiology and Pharmacology</i> , 2019, 70, .	1.1	4
31	Molecular Consequences of Depression Treatment: A Potential In Vitro Mechanism for Antidepressants-Induced Reprotoxic Side Effects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11855.	4.1	4
32	Actions of Klotho on hippocampal neuronal cells. <i>Vitamins and Hormones</i> , 2022, 118, 223-246.	1.7	3
33	From epithelial remodelling to carcinogenesis. <i>Progress in Biophysics and Molecular Biology</i> , 2020, 150, 203-205.	2.9	2
34	Melatonin receptors subtypes (MT1 and MT2) in the uterus masculinus of mature male european bison. Biological and seasonal reproductive role. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, 67-73.	1.1	2
35	Chemoreceptors as a key to understanding carcinogenesis process. <i>Seminars in Cancer Biology</i> , 2020, 60, 362-364.	9.6	1