

# MaÅ,gorzata Gajewska

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

8,701  
citations

394421

19  
h-index

214800

47  
g-index

50  
all docs

50  
docs citations

50  
times ranked

20932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	IGF-I, EGF, and sex steroids regulate autophagy in bovine mammary epithelial cells via the mTOR pathway. <i>European Journal of Cell Biology</i> , 2009, 88, 117-130.	3.6	113
4	The effect of low or high molecular weight oat beta-glucans on the inflammatory and oxidative stress status in the colon of rats with LPS-induced enteritis. <i>Food and Function</i> , 2015, 6, 590-603.	4.6	60
5	The influence of EPA and DHA on markers of inflammation in 3T3-L1 cells at different stages of cellular maturation. <i>Lipids in Health and Disease</i> , 2014, 13, 3.	3.0	49
6	Lymphocytic, cytokine and transcriptomic profiles in peripheral blood of dogs with atopic dermatitis. <i>BMC Veterinary Research</i> , 2016, 12, 174.	1.9	45
7	Comparison of stem/progenitor cell number and transcriptomic profile in the mammary tissue of dairy and beef breed heifers. <i>Journal of Applied Genetics</i> , 2014, 55, 383-395.	1.9	37
8	Involvement of the CB2 cannabinoid receptor in cell growth inhibition and G0/G1 cell cycle arrest via the cannabinoid agonist WIN 55,212-2 in renal cell carcinoma. <i>BMC Cancer</i> , 2018, 18, 583.	2.6	34
9	Role and regulation of autophagy in the development of acinar structures formed by bovine BME-UV1 mammary epithelial cells. <i>European Journal of Cell Biology</i> , 2011, 90, 854-864.	3.6	32
10	$\alpha$ -Tocopherol, ascorbic acid, and $\beta$ -carotene protect against oxidative stress but reveal no direct influence on p53 expression in rats subjected to stress. <i>Nutrition Research</i> , 2013, 33, 868-875.	2.9	29
11	FOXO1 and GSK-3 $\beta$ Are Main Targets of Insulin-Mediated Myogenesis in C2C12 Muscle Cells. <i>PLoS ONE</i> , 2016, 11, e0146726.	2.5	27
12	Global gene expression profiles of canine macrophages and canine mammary cancer cells grown as a co-culture in vitro. <i>BMC Veterinary Research</i> , 2012, 8, 16.	1.9	26
13	Beneficial Effects of Oat Beta-Glucan Dietary Supplementation in Colitis Depend on its Molecular Weight. <i>Molecules</i> , 2019, 24, 3591.	3.8	26
14	TNF- $\alpha$ and IFN- $\gamma$ -Dependent Muscle Decay Is Linked to NF- $\kappa$ B and STAT-1 $\alpha$ -Stimulated Atrogin1 and MuRF1 Genes in C2C12 Myotubes. <i>Mediators of Inflammation</i> , 2013, 2013, 1-18.	3.0	24
15	Functional Interactions between $17\beta$ -Estradiol and Progesterone Regulate Autophagy during Acini Formation by Bovine Mammary Epithelial Cells in 3D Cultures. <i>BioMed Research International</i> , 2014, 2014, 1-16.	1.9	24
16	Regulation of Autophagy in Bovine Mammary Epithelial Cells. <i>Autophagy</i> , 2007, 3, 484-486.	9.1	23
17	IGF-binding proteins mediate TGF- $\beta$ 1-induced apoptosis in bovine mammary epithelial BME-UV1 cells. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 139, 65-75.	2.6	22
18	Effects of hormones and growth factors on TGF- $\beta$ 1 expression in bovine mammary epithelial cells. <i>Journal of Dairy Research</i> , 2005, 72, 39-48.	1.4	22

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19	Lung effects of 7- and 28-day inhalation exposure of rats to emissions from 1st and 2nd generation biodiesel fuels with and without particle filter – The FuelHealth project. <i>Environmental Toxicology and Pharmacology</i> , 2019, 67, 8-20.	4.0	19
20	Time-Dependent Indirect Antioxidative Effects of Oat Beta-Glucans on Peripheral Blood Parameters in the Animal Model of Colon Inflammation. <i>Antioxidants</i> , 2020, 9, 375.	5.1	18
21	Migrastatin Analogues Inhibit Canine Mammary Cancer Cell Migration and Invasion. <i>PLoS ONE</i> , 2013, 8, e76789.	2.5	17
22	Macrophages Mediate a Switch between Canonical and Non-Canonical Wnt Pathways in Canine Mammary Tumors. <i>PLoS ONE</i> , 2014, 9, e83995.	2.5	17
23	Gene expression changes in rat brain regions after 7- and 28 days inhalation exposure to exhaust emissions from 1st and 2nd generation biodiesel fuels - The FuelHealth project. <i>Inhalation Toxicology</i> , 2018, 30, 299-312.	1.6	17
24	The influence of eicosapentaenoic acid and docosahexaenoic acid on expression of genes connected with metabolism and secretory functions of ageing 3T3-L1 adipocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 125, 48-56.	1.9	16
25	No adverse lung effects of 7- and 28-day inhalation exposure of rats to emissions from petrodiesel fuel containing 20% rapeseed methyl esters (B20) with and without particulate filter – the FuelHealth project. <i>Inhalation Toxicology</i> , 2017, 29, 206-218.	1.6	16
26	Urinary Hepcidin Levels in Iron-Deficient and Iron-Supplemented Piglets Correlate with Hepcidin Hepatic mRNA and Serum Levels and with Body Iron Status. <i>PLoS ONE</i> , 2015, 10, e0136695.	2.5	15
27	Interleukin-8 enhances myocilin expression, Akt-FoxO3 signaling and myogenic differentiation in rat skeletal muscle cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 19675-19690.	4.1	15
28	Identification, quantification and transcriptional profile of potential stem cells in bovine mammary gland. <i>Livestock Science</i> , 2011, 136, 136-149.	1.6	14
29	Effects of Dietary Oat Beta-Glucans on Colon Apoptosis and Autophagy through TLRs and Dectin-1 Signaling Pathways – Crohn's Disease Model Study. <i>Nutrients</i> , 2021, 13, 321.	4.1	14
30	Angiotensin modulates human mammary epithelial cell motility. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014, 15, 419-429.	1.7	11
31	c-Jun N-terminal kinase activity supports multiple phases of 3D-mammary epithelial acinus formation. <i>International Journal of Developmental Biology</i> , 2011, 55, 731-744.	0.6	10
32	Palmitate exerts opposite effects on proliferation and differentiation of skeletal myoblasts. <i>Cell Biology International</i> , 2015, 39, 1044-1052.	3.0	9
33	Oral administration of oat beta-glucan preparations of different molecular weight results in regulation of genes connected with immune response in peripheral blood of rats with LPS-induced enteritis. <i>European Journal of Nutrition</i> , 2019, 58, 2859-2873.	3.9	9
34	Modulatory effect of selenium on cell-cycle regulatory genes in the prostate adenocarcinoma cell line. <i>Journal of Applied Biomedicine</i> , 2014, 12, 87-95.	1.7	7
35	Magnesium and Morphine in the Treatment of Chronic Neuropathic Pain – A Biomedical Mechanism of Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13599.	4.1	7
36	Mechanisms of autophagy induction by sex steroids in bovine mammary epithelial cells. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 29-48.	2.5	6

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37	Influence of elevated temperature on bovine oviduct epithelial cells (BOECs). PLoS ONE, 2018, 13, e0198843.	2.5	6
38	Autophagy in Development and Remodelling of Mammary Gland. , 2013, , .		5
39	Insulin-Like Growth Factor-I Increases Laminin, Integrin Subunits and Metalloprotease ADAM12 in Mouse Myoblasts. Folia Biologica, 2015, 63, 241-247.	0.5	5
40	Insulin-dependent cytoplasmic distribution of Rab4a in mouse adipocytes is inhibited by interleukin-6, -8, and -15. Cell Biology International, 2017, 41, 457-463.	3.0	4
41	Interleukin-6 affects pacsin3, ephrinA4 expression and cytoskeletal proteins in differentiating primary skeletal myoblasts through transcriptional and post-transcriptional mechanisms. Cell and Tissue Research, 2020, 380, 155-172.	2.9	4
42	Cytokine and Lymphocyte Profiles in Dogs with Atopic Dermatitis after Allergen-Specific Immunotherapy. Vaccines, 2022, 10, 1037.	4.4	4
43	IGF-I retards proper development of acinar structures formed by bovine mammary epithelial cells via sustained activation of Akt kinase. Domestic Animal Endocrinology, 2013, 45, 111-121.	1.6	3
44	Using 3D Culture of Primary Mammary Epithelial Cells to Define Molecular Entities Required for Acinus Formation: Analyzing MAP Kinase Phosphatases. Methods in Molecular Biology, 2017, 1501, 199-216.	0.9	3
45	The effects of intra-stomach obestatin administration on intestinal contractility in neonatal piglets fed milk formula. PLoS ONE, 2020, 15, e0230190.	2.5	2
46	Long-term consumption of fish oil partially protects brain tissue from age-related neurodegeneration. Postepy Higieny I Medycyny Doswiadczalnej, 2015, 69, 188-96.	0.1	2
47	Antioxidant Vitamins as Oxidative Stress Markers in Rat Plasma After Physical Exercise - a Short Report. Polish Journal of Food and Nutrition Sciences, 2014, 64, 277-281.	1.7	1
48	Interleukin-6 mimics insulin-dependent cellular distribution of some cytoskeletal proteins and Glut4 transporter without effect on glucose uptake in 3T3-L1 adipocytes. Histochemistry and Cell Biology, 2022, , 1.	1.7	0