

# Arkadiusz Orzechowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7806722/publications.pdf>

Version: 2024-02-01

38  
papers

933  
citations

430874

18  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium Homeostasis and ER Stress in Control of Autophagy in Cancer Cells. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	162
2	Unappreciated Role of LDHA and LDHB to Control Apoptosis and Autophagy in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2085.	4.1	153
3	The Many Faces of Rap1 GTPase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2848.	4.1	61
4	The effect of silver nanoparticles (AgNPs) on proliferation and apoptosis of in ovo cultured glioblastoma multiforme (GBM) cells. <i>Nanoscale Research Letters</i> , 2015, 10, 98.	5.7	54
5	Bioactive substances of plant origin in food - impact on genomics. <i>Reproduction, Nutrition, Development</i> , 2002, 42, 461-477.	1.9	47
6	Not only insulin stimulates mitochondriogenesis in muscle cells, but mitochondria are also essential for insulin-mediated myogenesis. <i>Cell Proliferation</i> , 2006, 39, 127-145.	5.3	38
7	Mitofusin 2 (Mfn2): a key player in insulin-dependent myogenesis in vitro. <i>Cell and Tissue Research</i> , 2007, 327, 571-581.	2.9	34
8	Dexamethasone-mediated regulation of death and differentiation of muscle cells. Is hydrogen peroxide involved in the process?. <i>Reproduction, Nutrition, Development</i> , 2002, 42, 197-216.	1.9	29
9	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
10	Preconditioning with millimolar concentrations of Vitamin C or N-acetylcysteine protects L6 muscle cells insulin-stimulated viability and DNA synthesis under oxidative stress. <i>Life Sciences</i> , 2002, 71, 1793-1808.	4.3	25
11	Artificial meat? Feasible approach based on the experience from cell culture studies. <i>Journal of Integrative Agriculture</i> , 2015, 14, 217-221.	3.5	25
12	Verapamil treatment induces cytoprotective autophagy by modulating cellular metabolism. <i>FEBS Journal</i> , 2017, 284, 1370-1387.	4.7	25
13	TNF- $\alpha$ and IFN- $\gamma$ -Dependent Muscle Decay Is Linked to NF- $\kappa$ B- and STAT-1- $\beta$ -Stimulated Atrogin1 and MuRF1 Genes in C2C12 Myotubes. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	3.0	24
14	Killing Me Softly: Connotations to Unfolded Protein Response and Oxidative Stress in Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	4.0	24
15	Delineation of signalling pathway leading to antioxidant-dependent inhibition of dexamethasone-mediated muscle cell death. <i>Journal of Muscle Research and Cell Motility</i> , 2003, 24, 33-53.	2.0	20
16	Leptin impairs myogenesis in C2C12 cells through JAK/STAT and MEK signaling pathways. <i>Cytokine</i> , 2013, 61, 445-454.	3.2	20
17	Geranylgeraniol Prevents Statin-Dependent Myotoxicity in C2C12 Muscle Cells through RAP1 GTPase Prenylation and Cytoprotective Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-22.	4.0	20
18	Bridging the Gap between Alzheimer's Disease and Alzheimer's-like Diseases in Animals. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1664.	4.1	20

#	ARTICLE	IF	CITATIONS
19	Verapamil-induced autophagy-like process in colon adenocarcinoma COLO 205 cells; the ultrastructural studies. <i>Pharmacological Reports</i> , 2012, 64, 991-996.	3.3	14
20	Ethylenediaminetetraacetic acid affects subcellular expression of clusterin protein in human colon adenocarcinoma COLO 205 cell line. <i>Anti-Cancer Drugs</i> , 2007, 18, 55-63.	1.4	11
21	Preincubation with sodium ascorbate potentiates insulin-dependent PKB/Akt and c-Jun phosphorylation in L6 rat myoblasts challenged with reactive oxygen/nitrogen species. <i>Life Sciences</i> , 2005, 77, 496-511.	4.3	10
22	Preincubation With bFGF but Not Sodium Ascorbate Improves Efficiency of Autologous Transplantation of Muscle-derived Cells Into Urethral Wall. <i>Urology</i> , 2009, 73, 736-742.	1.0	10
23	Oxidative Stress, Chronic Inflammation, and Amyloidoses. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	9
24	The Secrets of Alternative Autophagy. <i>Cells</i> , 2021, 10, 3241.	4.1	9
25	A Novel Antioxidant-Inhibited Dexamethasone-Mediated and Caspase-3-Independent Muscle Cell Death. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 205-208.	3.8	8
26	Elevated expression of NF- $\kappa$ B and Bcl-2 proteins in C2C12 myocytes during myogenesis is affected by PD98059, LY294002 and SB203580. <i>Cell Biology International</i> , 2005, 29, 319-331.	3.0	8
27	Nucleofection of Rat Pheochromocytoma PC-12 Cells with Human Mutated Beta-Amyloid Precursor Protein Gene ( <i>APP-sw</i> ) Leads to Reduced Viability, Autophagy-Like Process, and Increased Expression and Secretion of Beta Amyloid. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	8
28	Diverse Action of Selected Statins on Skeletal Muscle Cells—An Attempt to Explain the Protective Effect of Geranylgeraniol (GGOH) in Statin-Associated Myopathy (SAM). <i>Journal of Clinical Medicine</i> , 2019, 8, 694.	2.4	8
29	Chapter 4 Regulation of Clusterin Activity by Calcium. <i>Advances in Cancer Research</i> , 2009, 104, 33-58.	5.0	7
30	Cytokines and Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-2.	3.0	4
31	Control of Autophagy in Cancer. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	4
32	The Beneficial Role of Natural Endocrine Disruptors: Phytoestrogens in Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	4
33	IFN-alpha competes with TNF-alpha for STAT-1alpha; molecular basis for immune escape of human colon adenocarcinoma COLO 205 cells. <i>Oncology Reports</i> , 2007, 18, 1039-45.	2.6	3
34	Abundance of some skeletal muscle mitochondrial proteins is associated with increased blood serum insulin in bovine fetuses. <i>Research in Veterinary Science</i> , 2010, 89, 445-450.	1.9	2
35	Preliminary Study on Clusterin Protein (sCLU) Expression in PC-12 Cells Overexpressing Wild-Type and Mutated (Swedish) A $\beta$ PP genes Affected by Non-Steroid Isoprenoids and Water-Soluble Cholesterol. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1481.	4.1	2
36	IFN- $\gamma$ Modulates the Migratory Capacity of Canine Mammary Tumor Cells via Regulation of the Expression of Matrix Metalloproteinases and Their Inhibitors. <i>Cells</i> , 2021, 10, 999.	4.1	2

#	ARTICLE	IF	CITATIONS
37	Cytokines in Skeletal Muscle Growth and Decay. , 2017, , 113-139.		2
38	Sarcopenia and the inflammatory cytokines. , 2021, , 139-157.		0