

Maria Cristina Cintr e Gomes-Marcondes

List of Publications by Year in descending order

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68
papers

1,599
citations

304743

22
h-index

315739

38
g-index

75
all docs

75
docs citations

75
times ranked

2057
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of protein catabolism and the ubiquitin-proteasome pathway by mild oxidative stress. <i>Cancer Letters</i> , 2002, 180, 69-74.	7.2	218
2	A Central Role for Neuronal AMP-Activated Protein Kinase (AMPK) and Mammalian Target of Rapamycin (mTOR) in High-Protein Diet-Induced Weight Loss. <i>Diabetes</i> , 2008, 57, 594-605.	0.6	182
3	Reduction of Hypothalamic Protein Tyrosine Phosphatase Improves Insulin and Leptin Resistance in Diet-Induced Obese Rats. <i>Endocrinology</i> , 2008, 149, 3870-3880.	2.8	103
4	Oral administration of <i>Aloe vera</i> and honey reduces walker tumour growth by decreasing cell proliferation and increasing apoptosis in tumour tissue. <i>Phytotherapy Research</i> , 2011, 25, 619-623.	5.8	68
5	Inhibition of tumor growth by quercetin with increase of survival and prevention of cachexia in Walker 256 tumor-bearing rats. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 638-642.	2.1	48
6	A leucine-supplemented diet improved protein content of skeletal muscle in young tumor-bearing rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 1589-1594.	1.5	46
7	Proteasome activity is altered in skeletal muscle tissue of tumour-bearing rats a leucine-rich diet. <i>Endocrine-Related Cancer</i> , 2004, 11, 887-895.	3.1	46
8	Dietary fatty acid quality affects AR and PPAR β levels and prostate growth. <i>Prostate</i> , 2009, 69, 548-558.	2.3	45
9	Metformin treatment modulates the tumour-induced wasting effects in muscle protein metabolism minimising the cachexia in tumour-bearing rats. <i>BMC Cancer</i> , 2016, 16, 418.	2.6	42
10	Effects of a leucine-rich diet on body composition during nutritional recovery in rats. <i>Nutrition</i> , 2004, 20, 213-217.	2.4	39
11	Naringin inhibits tumor growth and reduces interleukin-6 and tumor necrosis factor α levels in rats with Walker 256 carcinosarcoma. <i>Anticancer Research</i> , 2012, 32, 129-33.	1.1	39
12	Cadmium chloride-induced oxidative stress in skeletal muscle cells in vitro. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1378-1384.	2.9	37
13	Physical Exercise and a Leucine-Rich Diet Modulate the Muscle Protein Metabolism in Walker Tumor-Bearing Rats. <i>Nutrition and Cancer</i> , 2010, 62, 1095-1104.	2.0	37
14	Development of an in-vitro model system to investigate the mechanism of muscle protein catabolism induced by proteolysis-inducing factor. <i>British Journal of Cancer</i> , 2002, 86, 1628-1633.	6.4	34
15	Glycine Improves Biochemical and Biomechanical Properties Following Inflammation of the Achilles Tendon. <i>Anatomical Record</i> , 2015, 298, 538-545.	1.4	34
16	Nutritional leucine supplementation attenuates cardiac failure in tumour-bearing cachectic animals. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 577-586.	7.3	34
17	Leucine-rich diet supplementation modulates foetal muscle protein metabolism impaired by Walker-256 tumour. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 2.	3.3	33
18	L-leucine dietary supplementation modulates muscle protein degradation and increases pro-inflammatory cytokines in tumour-bearing rats. <i>Cytokine</i> , 2017, 96, 253-260.	3.2	33

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19	Leucine-rich diet alters the eukaryotic translation initiation factors expression in skeletal muscle of tumour-bearing rats. <i>BMC Cancer</i> , 2007, 7, 42.	2.6	29
20	Leucine-rich diet alters the 1H-NMR based metabolomic profile without changing the Walker-256 tumour mass in rats. <i>BMC Cancer</i> , 2016, 16, 764.	2.6	28
21	Hepatoprotective Effect of <i>Arctium lappa</i> Root Extract on Cadmium Toxicity in Adult Wistar Rats. <i>Biological Trace Element Research</i> , 2014, 160, 250-257.	3.5	25
22	Metabolic and morphological alterations induced by proteolysis-inducing factor from Walker tumour-bearing rats in C2C12 myotubes. <i>BMC Cancer</i> , 2008, 8, 24.	2.6	23
23	Leucine-Rich Diet Improves the Serum Amino Acid Profile and Body Composition of Fetuses from Tumor-Bearing Pregnant Mice1. <i>Biology of Reproduction</i> , 2013, 88, 121.	2.7	22
24	Light aerobic physical exercise in combination with leucine and/or glutamine-rich diet can improve the body composition and muscle protein metabolism in young tumor-bearing rats. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 493-501.	3.0	21
25	Leucine-rich diet induces a shift in tumour metabolism from glycolytic towards oxidative phosphorylation, reducing glucose consumption and metastasis in Walker-256 tumour-bearing rats. <i>Scientific Reports</i> , 2019, 9, 15529.	3.3	21
26	A leucine-rich diet and exercise affect the biomechanical characteristics of the digital flexor tendon in rats after nutritional recovery. <i>Amino Acids</i> , 2012, 42, 329-336.	2.7	20
27	Effects of swimming training at the intensity equivalent to aerobic/anaerobic metabolic transition in alloxan diabetic rats. <i>Journal of Diabetes and Its Complications</i> , 2007, 21, 258-264.	2.3	17
28	A leucine-rich diet modulates the mTOR cell signalling pathway in the gastrocnemius muscle under different Walker-256 tumour growth conditions. <i>BMC Cancer</i> , 2019, 19, 349.	2.6	17
29	Leucine-Rich Diet Modulates the Metabolomic and Proteomic Profile of Skeletal Muscle during Cancer Cachexia. <i>Cancers</i> , 2020, 12, 1880.	3.7	17
30	Effects of leucine supplemented diet on intestinal absorption in tumor bearing pregnant rats. <i>BMC Cancer</i> , 2002, 2, 7.	2.6	16
31	Cancer during pregnancy alters the activity of rat placenta and enhances the expression of cleaved PARP, cytochrome-c and caspase 3. <i>BMC Cancer</i> , 2006, 6, 168.	2.6	16
32	Placental Glycogen Metabolism Changes During Walker Tumour Growth. <i>Placenta</i> , 2004, 25, 456-462.	1.5	15
33	Melatonin Reduces Oxidative Stress and Cardiovascular Changes Induced by Stanozolol in Rats Exposed to Swimming Exercise. <i>Eurasian Journal of Medicine</i> , 2013, 45, 155-162.	0.6	15
34	A Leucine-Rich Diet Modulates the Tumor-Induced Down-Regulation of the MAPK/ERK and PI3K/Akt/mTOR Signaling Pathways and Maintains the Expression of the Ubiquitin-Proteasome Pathway in the Placental Tissue of NMRI Mice1. <i>Biology of Reproduction</i> , 2015, 92, 49.	2.7	14
35	Increased oxidative stress in the placenta tissue and cell culture of tumour-bearing pregnant rats. <i>Placenta</i> , 2011, 32, 859-864.	1.5	13
36	Leucine modulates the effect of Walker factor, a proteolysis-inducing factor-like protein from Walker tumours, on gene expression and cellular activity in C2C12 myotubes. <i>Cytokine</i> , 2013, 64, 343-350.	3.2	13

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37	Dietary leucine supplementation minimises tumour-induced damage in placental tissues of pregnant, tumour-bearing rats. <i>BMC Cancer</i> , 2016, 16, 58.	2.6	13
38	Green tea and glycine aid in the recovery of tendinitis of the Achilles tendon of rats. <i>Connective Tissue Research</i> , 2015, 56, 50-58.	2.3	12
39	Maternal nutritional supplementation with fish oil and/or leucine improves hepatic function and antioxidant defenses, and minimizes cachexia indexes in Walker-256 tumor-bearing rats offspring. <i>Nutrition Research</i> , 2018, 51, 29-39.	2.9	10
40	Leucine affects the fibroblastic Vero cells stimulating the cell proliferation and modulating the proteolysis process. <i>Amino Acids</i> , 2010, 38, 145-153.	2.7	9
41	Activation of the Low Molecular Weight Protein Tyrosine Phosphatase in Keratinocytes Exposed to Hyperosmotic Stress. <i>PLoS ONE</i> , 2015, 10, e0119020.	2.5	9
42	A Time-Course Comparison of Skeletal Muscle Metabolomic Alterations in Walker-256 Tumour-Bearing Rats at Different Stages of Life. <i>Metabolites</i> , 2021, 11, 404.	2.9	9
43	Oral Administration of Aloe vera(L.) Burm. f. (Xanthorrhoeaceae) and Honey Improves the Host Body Composition and Modulates Proteolysis Through Reduction of Tumor Progression and Oxidative Stress in Rats. <i>Journal of Medicinal Food</i> , 2015, 18, 1128-1135.	1.5	8
44	Green Tea and Glycine Modulate the Activity of Metalloproteinases and Collagen in the Tendinitis of the Myotendinous Junction of the Achilles Tendon. <i>Anatomical Record</i> , 2016, 299, 918-928.	1.4	7
45	Maternal Leucine-Rich Diet Minimises Muscle Mass Loss in Tumour-bearing Adult Rat Offspring by Improving the Balance of Muscle Protein Synthesis and Degradation. <i>Biomolecules</i> , 2019, 9, 229.	4.0	7
46	Pregnancy and Cancer: Cellular Biology and Mechanisms Affecting the Placenta. <i>Cancers</i> , 2021, 13, 1667.	3.7	7
47	Leucine-Rich Diet Improved Muscle Function in Cachectic Walker 256 Tumour-Bearing Wistar Rats. <i>Cells</i> , 2021, 10, 3272.	4.1	7
48	The 17 β -oestradiol treatment minimizes the adverse effects of protein restriction on bone parameters in ovariectomized Wistar rats. <i>Bone and Joint Research</i> , 2019, 8, 573-581.	3.6	6
49	Serum and Muscle ¹ H NMR-Based Metabolomics Profiles Reveal Metabolic Changes Influenced by a Maternal Leucine-Rich Diet in Tumor-Bearing Adult Offspring Rats. <i>Nutrients</i> , 2020, 12, 2106.	4.1	6
50	Diabetogenic effect of pravastatin is associated with insulin resistance and myotoxicity in hypercholesterolemic mice. <i>Journal of Translational Medicine</i> , 2019, 17, 285.	4.4	5
51	¹ H-NMR Based Serum Metabolomics Identifies Different Profile between Sarcopenia and Cancer Cachexia in Ageing Walker 256 Tumour-Bearing Rats. <i>Metabolites</i> , 2020, 10, 161.	2.9	5
52	Leucine-rich diet minimises liver glycogen mobilisation and modulates liver gluconeogenesis enzyme expression in tumour-bearing cachectic rats. <i>JCSM Rapid Communications</i> , 2018, 1, 1-9.	1.6	4
53	Walker-256 Tumour-Induced Cachexia Altered Liver Metabolomic Profile and Function in Weanling and Adult Rats. <i>Metabolites</i> , 2021, 11, 831.	2.9	3
54	Antimelanoma effect of <i>Salmonella</i> Typhimurium integration host factor mutant in murine model. <i>Future Oncology</i> , 2016, 12, 2367-2378.	2.4	2

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55	Long-term Leucine Supplementation Improves Metabolic But Not Molecular Responses in the Skeletal Muscle of Trained Rats Submitted to Exhaustive Exercise. <i>Journal of the American College of Nutrition</i> , 2017, 36, 81-87.	1.8	2
56	Leucine and Its Importance for Cell Signalling Pathways in Cancer Cachexia-Induced Muscle Wasting. , 0, , .		2
57	Aerobic training prevents cardiometabolic changes triggered by myocardial infarction in ovariectomized rats. <i>Journal of Cellular Physiology</i> , 2021, 236, 1105-1115.	4.1	2
58	ID: 47. <i>Cytokine</i> , 2015, 76, 73.	3.2	1
59	Long-term leucine supplementation aggravates prolonged strenuous exercise-induced cardiovascular changes in trained rats. <i>Experimental Physiology</i> , 2016, 101, 811-820.	2.0	1
60	Fish Oil Diet during Pre-mating, Gestation, and Lactation in Adult Offspring Rats on Cancer Cachexia Prevention. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000863.	3.3	1
61	Leucine can modulate the expression of proteins related to protein degradation signalling under mTOR inhibition in C2C12 cells. <i>Cellular and Molecular Biology</i> , 2018, 64, 73-78.	0.9	1
62	PS1-61 Leucine treatment modulated the effects of Walker tumour's proteolysis-inducing factor (WF) on Vero cells activity. <i>Cytokine</i> , 2010, 52, 30.	3.2	0
63	Combining Exercise with Glutamine Supplementation in Cancer-Cachexia Metabolism. , 2015, , 487-498.		0
64	Aloe vera and Honey Solution and Their Ethanolic Extraction Solution Could Act on Metastasis-Regulating Processes in Walker 256 Tumor Tissues In Vivo?. <i>Nutrition and Cancer</i> , 2021, 73, 1244-1252.	2.0	0
65	Cancer during pregnancy. Maternal, placenta, and fetal damage. <i>Nutrition, antioxidant defenses, and adult offspring tumor-bearing</i> , 2021, , 121-129.		0
66	Addendum: Cruz, B., et al. Leucine-Rich Diet Modulates the Metabolomic and Proteomic Profile of Skeletal Muscle during Cancer Cachexia. <i>Cancers</i> 2020, 12, 1880. <i>Cancers</i> , 2021, 13, 880.	3.7	0
67	Study of tumour global DNA methylation and mtor pathway genes promoters methylation in maternally leucine-supplemented tumour-bearing adult rats. , 0, , .		0
68	Leucine can modulate the expression of proteins related to protein degradation signalling under mTOR inhibition in C2C12 cells. <i>Cellular and Molecular Biology</i> , 2018, 64, 73-78.	0.9	0