Ana Isabel MartÃ-n

List of Publications by Year
in descending order

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58 papers	1,278 citations	331670 21 h-index	395702 33 g-index
58 all docs	58 docs citations	58 times ranked	1386 citing authors

#	Article	IF	Citations
1	Anti-inflammatory effect of the ghrelin agonist growth hormone-releasing peptide-2 (GHRP-2) in arthritic rats. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E486-E492.	3.5	151
2	Effects of endotoxin lipopolysaccharide administration on the somatotropic axis. Journal of Endocrinology, 1998, 159, 239-246.	2.6	69
3	Ghrelin receptor agonist GHRP-2 prevents arthritis-induced increase in E3 ubiquitin-ligating enzymes MuRF1 and MAFbx gene expression in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E1007-E1014.	3.5	55
4	Fenofibrate, a PPARÎ± agonist, decreases atrogenes and myostatin expression and improves arthritis-induced skeletal muscle atrophy. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E790-E799.	3.5	50
5	Experimental arthritis inhibits the insulin-like growth factor-I axis and induces muscle wasting through cyclooxygenase-2 activation. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1656-E1665.	3.5	49
6	Short and long restraint differentially affect humoral and cellular immune functions. Life Sciences, 1996, 59, 1431-1442.	4.3	47
7	IGF-I system, atrogenes and myogenic regulatory factors in arthritis induced muscle wasting. Molecular and Cellular Endocrinology, 2009, 309, 8-16.	3.2	44
8	Hormones and Muscle Atrophy. Advances in Experimental Medicine and Biology, 2018, 1088, 207-233.	1.6	44
9	Eicosapentaenoic acid attenuates arthritis-induced muscle wasting acting on atrogin-1 and on myogenic regulatory factors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1322-R1331.	1.8	41
10	GH-releasing peptide-2 administration prevents liver inflammatory response in endotoxemia. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E131-E141.	3.5	40
11	Endotoxin at low doses stimulates pituitary GH whereas it decreases IGF-I and IGF-binding protein-3 in rats. Journal of Endocrinology, 2003, 179, 107-117.	2.6	39
12	Chronic inflammation inhibits GH secretion and alters the serum insulin-like growth factor system in rats. Life Sciences, 1999, 65, 2049-2060.	4.3	38
13	IGF-I and IGF-I-binding proteins in rats with adjuvant-induced arthritis given recombinant human growth hormone. Journal of Endocrinology, 2000, 165, 537-544.	2.6	35
14	Effects of an endurance cycling competition on resting serum insulin-like growth factor I (IGF-I) and its binding proteins IGFBP-1 and IGFBP-3. British Journal of Sports Medicine, 2001, 35, 303-307.	6.7	32
15	Adipose tissue loss in adjuvant arthritis is associated with a decrease in lipogenesis, but not with an increase in lipolysis. Journal of Endocrinology, 2008, 197, 111-119.	2.6	32
16	Systemic IGF-I administration attenuates the inhibitory effect of chronic arthritis on gastrocnemius mass and decreases atrogin-1 and IGFBP-3. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R541-R551.	1.8	28
17	Tumour necrosis factor blockade did not prevent the increase of muscular muscle RING finger-1 and muscle atrophy F-box in arthritic rats. Journal of Endocrinology, 2006, 191, 319-326.	2.6	27
18	Inactivation of Kupffer cells by gadolinium administration prevents lipopolysaccharide-induced decrease in liver insulin-like growth factor-I and IGF-binding protein-3 gene expression. Journal of Endocrinology, 2006, 188, 503-511.	2.6	26

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19	Plasma Concentrations of BDNF and IGF-1 in Abstinent Cocaine Users with High Prevalence of Substance Use Disorders: Relationship to Psychiatric Comorbidity. PLoS ONE, 2015, 10, e0118610.	2.5	25
20	IGF-1 and IGFBP-3 in Inflammatory Cachexia. International Journal of Molecular Sciences, 2021, 22, 9469.	4.1	25
21	Formoterol decreases muscle wasting as well as inflammation in the rat model of rheumatoid arthritis. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E925-E937.	3.5	23
22	Naltrexone Does Not Reverse the Inhibitory Effect of Chronic Restraint on Gonadotropin Secretion in the Intact Male Rat. Neuroendocrinology, 1991, 54, 447-453.	2.5	22
23	NO plays a role in LPS-induced decreases in circulating IGF-I and IGFBP-3 and their gene expression in the liver. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E50-E56.	3.5	17
24	Cyclosporin A Treatment is Able to Revert the Decrease in Circulating GH and IGF-I and the Increase in IGFBPs Induced by Adjuvant Arthritis. Hormone and Metabolic Research, 2001, 33, 590-595.	1.5	16
25	Effects of catecholamine synthesis inhibitors and adrenergic receptor antagonists on restraint-induced LH release. Journal of Endocrinology, 1995, 144, 511-515.	2.6	15
26	Endotoxin decreases serum IGFBP-3 and liver IGFBP-3 mRNA: comparison between Lewis and Wistar rats. Molecular and Cellular Endocrinology, 2003, 199, 23-28.	3.2	15
27	The melanocortin receptor type 3 agonist<scp>d</scp>-Trp(8)-Î³MSH decreases inflammation and muscle wasting in arthritic rats. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 79-89.	7.3	15
28	The decrease in hepatic IGF-I gene expression in arthritic rats is not associated with modifications in hepatic GH receptor mRNA. European Journal of Endocrinology, 2001, 144, 529-534.	3.7	14
29	Cyclooxygenase-2 inhibition reverts the decrease in adiponectin levels and attenuates the loss of white adipose tissue during chronic inflammation. European Journal of Pharmacology, 2009, 608, 97-103.	3.5	14
30	Olive Leaf Extract Supplementation to Old Wistar Rats Attenuates Aging-Induced Sarcopenia and Increases Insulin Sensitivity in Adipose Tissue and Skeletal Muscle. Antioxidants, 2021, 10, 737.	5.1	14
31	Restraint-Induced Changes in Serum Luteinizing Hormone, Prolactin, Growth Hormone and Corticosterone Levels in Rats: Effect of Superior Cervical Ganglionectomy. Neuroendocrinology, 1995, 61, 173-179.	2.5	13
32	The effect of cyclosporine administration on growth hormone release and serum concentrations of insulin-like growth factor-I in male rats. Life Sciences, 1999, 64, 1473-1483.	4.3	13
33	Nitric oxide production by hepatocytes contributes to the inhibitory effect of endotoxin on insulin-like growth factor I gene expression. Journal of Endocrinology, 2006, 190, 847-856.	2.6	13
34	Systemic Î±-melanocyte-stimulating hormone administration decreases arthritis-induced anorexia and muscle wasting. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R877-R886.	1.8	13
35	Comparison of the effects of the n-3 polyunsaturated fatty acid eicosapentaenoic and fenofibrate on the inhibitory effect of arthritis on IGF1. Journal of Endocrinology, 2011, 210, 361-368.	2.6	12
36	Glucocorticoids are not necessary for the inhibitory effect of endotoxic shock on serum IGF-I and hepatic IGF-I mRNA. Journal of Endocrinology, 2002, 172, 449-456.	2.6	11

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37	Endotoxin administration increases hypothalamic somatostatin mRNA through nitric oxide release. Regulatory Peptides, 2005, 124, 113-118.	1.9	11
38	Short-term growth hormone or IGF-I administration improves the IGF-IGFBP system in arthritic rats. Growth Hormone and IGF Research, 2012, 22, 22-29.	1.1	11
39	Î±MSH Blunts Endotoxin-Induced MuRF1 and Atrogin-1 Upregulation in Skeletal Muscle by Modulating NF-Î²B and Akt/FoxO1 Pathway. Mediators of Inflammation, 2014, 2014, 1-14.	3.0	11
40	D-TRP(8)-Î³MSH Prevents the Effects of Endotoxin in Rat Skeletal Muscle Cells through TNFÎ±/NF-KB Signalling Pathway. PLoS ONE, 2016, 11, e0155645.	2.5	11
41	Anti-tumor necrosis factor agent PEG-sTNFRI improves the growth hormone/insulin-like growth factor-I system in adjuvant-induced arthritic rats. European Journal of Pharmacology, 2006, 536, 204-210.	3.5	10
42	Formoterol treatment prevents the effects of endotoxin on muscle TNF/NF-kB, Akt/mTOR, and proteolytic pathways in a rat model. Role of IGF-I and miRNA 29b. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E705-E714.	3.5	10
43	Addition of Olive Leaf Extract to a Mixture of Algae and Extra Virgin Olive Oils Decreases Fatty Acid Oxidation and Synergically Attenuates Age-Induced Hypertension, Sarcopenia and Insulin Resistance in Rats. Antioxidants, 2021, 10, 1066.	5.1	10
44	Olive leaf extract supplementation improves the vascular and metabolic alterations associated with aging in Wistar rats. Scientific Reports, 2021, 11, 8188.	3.3	9
45	Beneficial Effects of a Mixture of Algae and Extra Virgin Olive Oils on the Age-Induced Alterations of Rodent Skeletal Muscle: Role of HDAC-4. Nutrients, 2021, 13, 44.	4.1	9
46	A Mixture of Algae and Extra Virgin Olive Oils Attenuates the Cardiometabolic Alterations Associated with Aging in Male Wistar Rats. Antioxidants, 2020, 9, 483.	5.1	8
47	Arthritis-induced increase in serum levels of IGF-binding protein-3 in rats is secondary to the decrease in its proteolytic activity. Journal of Endocrinology, 2002, 173, 357-364.	2.6	6
48	The Inhibition of Inducible Nitric Oxide Synthase Reverts Arthritic-Induced Decrease in Pituitary Growth Hormone mRNA But Not in Liver Insulin-Like Growth Factor I mRNA Expression. Journal of Neuroendocrinology, 2003, 15, 1178-1184.	2.6	6
49	Role of Glucocorticoid Signaling and HDAC4 Activation in Diaphragm and Gastrocnemius Proteolytic Activity in Septic Rats. International Journal of Molecular Sciences, 2022, 23, 3641.	4.1	6
50	Ptgs2 activation by endotoxin mediates the decrease in Igf1, but not in Igfbp3, gene expression in the liver. Journal of Endocrinology, 2008, 198, 385-394.	2.6	5
51	Fenofibrate administration to arthritic rats increases adiponectin and leptin and prevents oxidative muscle wasting. Endocrine Connections, 2012, 1, 1-12.	1.9	5
52	GH administration and renal IGF-I system in arthritic rats. Life Sciences, 2002, 71, 139-151.	4.3	4
53	Dexamethasone administration attenuates the inhibitory effect of lipopolysaccharide on IGF-I and IGF-binding protein-3 in adult rats. Journal of Endocrinology, 2005, 185, 467-476.	2.6	4
54	Effect of inducible nitric oxide synthase inhibition by aminoguanidine on insulin-like growth factor binding protein-3 in adjuvant-induced arthritic rats. European Journal of Pharmacology, 2003, 481, 293-299.	3.5	2

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55	A Nutraceutical Product Based on a Mixture of Algae and Extra Virgin Olive Oils and Olive Leaf Extract Attenuates Sepsis-Induced Cardiovascular and Muscle Alterations in Rats. Frontiers in Nutrition, 0, 9, .	3.7	2
56	Arthritis-Induced Anorexia and Muscle Wasting. , 2017, , 1-18.		1
57	Title is missing!. Journal of Endocrinology, 2008, 199, 501.	2.6	0
58	Arthritis-Induced Anorexia and Muscle Wasting. , 2019, , 833-850.		0