

Jess Devesa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

2,108
citations

26
h-index

43
g-index

115
ext. papers

2,439
ext. citations

4.2
avg, IF

4.72
L-index

#	Paper	IF	Citations
83	Myostatin is an inhibitor of myogenic differentiation. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 282, C993-9	5.4	217
82	Myostatin regulates cell survival during C2C12 myogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 280, 561-6	3.4	126
81	Activation of growth hormone receptor delivers an antiapoptotic signal: evidence for a role of Akt in this pathway. <i>Endocrinology</i> , 1999 , 140, 5937-43	4.8	91
80	The role of sexual steroids in the modulation of growth hormone (GH) secretion in humans. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991 , 40, 165-73	5.1	85
79	Neuroendocrine control of growth hormone secretion in humans. <i>Trends in Endocrinology and Metabolism</i> , 1992 , 3, 175-83	8.8	80
78	Activation of human somatostatin receptor 2 promotes apoptosis through a mechanism that is independent from induction of p53. <i>Cellular Physiology and Biochemistry</i> , 2002 , 12, 31-8	3.9	76
77	Effects of growth hormone (GH) replacement and cognitive rehabilitation in patients with cognitive disorders after traumatic brain injury. <i>Brain Injury</i> , 2011 , 25, 65-73	2.1	75
76	Differential response to exogenous and endogenous myostatin in myoblasts suggests that myostatin acts as an autocrine factor in vivo. <i>Endocrinology</i> , 2004 , 145, 2795-803	4.8	69
75	Reasons for the variability in growth hormone (GH) responses to GHRH challenge: the endogenous hypothalamic-somatotroph rhythm (HSR). <i>Clinical Endocrinology</i> , 1989 , 30, 367-77	3.4	69
74	Multiple Effects of Growth Hormone in the Body: Is it Really the Hormone for Growth?. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2016 , 9, 47-71	4.3	67
73	Growth hormone (GH) and brain trauma. <i>Hormones and Behavior</i> , 2013 , 63, 331-44	3.7	66
72	Depending on the time of administration, dexamethasone potentiates or blocks growth hormone-releasing hormone-induced growth hormone release in man. <i>Neuroendocrinology</i> , 1988 , 47, 46-9	5.6	55
71	Alpha 2-adrenergic agonism enhances the growth hormone (GH) response to GH-releasing hormone through an inhibition of hypothalamic somatostatin release in normal men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 71, 1581-8	5.6	51
70	Evidence that alpha 2-adrenergic pathways play a major role in growth hormone (GH) neuroregulation: alpha 2-adrenergic agonism counteracts the inhibitory effect of muscarinic cholinergic receptor blockade on the GH response to GH-releasing hormone, while alpha 2-adrenergic blockade diminishes the potentiating effect of increased cholinergic tone on such	5.6	43
69	Growth hormone (GH) treatment may cooperate with locally-produced GH in increasing the proliferative response of hippocampal progenitors to kainate-induced injury. <i>Brain Injury</i> , 2011 , 25, 503-10 ¹	2.1	42
68	Role of growth hormone (GH) in the treatment on neural diseases: from neuroprotection to neural repair. <i>Neuroscience Research</i> , 2013 , 76, 179-86	2.9	40
67	Growth Hormone (GH) and Cardiovascular System. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	35

66	Adrenal androgen secretion and dopaminergic activity in anorexia nervosa. <i>Hormone and Metabolic Research</i> , 1988 , 20, 57-60	3.1	35
65	Cellular acidification as a new approach to cancer treatment and to the understanding and therapeutics of neurodegenerative diseases. <i>Seminars in Cancer Biology</i> , 2017 , 43, 157-179	12.7	34
64	Growth hormone pathways signaling for cell proliferation and survival in hippocampal neural precursors from postnatal mice. <i>BMC Neuroscience</i> , 2014 , 15, 100	3.2	34
63	The Role of Growth Hormone on Ovarian Functioning and Ovarian Angiogenesis. <i>Frontiers in Endocrinology</i> , 2019 , 10, 450	5.7	28
62	The Pentose Phosphate Pathway Dynamics in Cancer and Its Dependency on Intracellular pH. <i>Metabolites</i> , 2020 , 10,	5.6	28
61	Synergistic effect of growth hormone-releasing hormone (GHRH) and clonidine in stimulating GH release in young and old dogs. <i>Brain Research</i> , 1990 , 537, 359-62	3.7	27
60	Growth hormone treatment enhances the functional recovery of sciatic nerves after transection and repair. <i>Muscle and Nerve</i> , 2012 , 45, 385-92	3.4	26
59	Early growth hormone (GH) treatment promotes relevant motor functional improvement after severe frontal cortex lesion in adult rats. <i>Behavioural Brain Research</i> , 2013 , 247, 48-58	3.4	26
58	Growth hormone and prolactin secretion after growth hormone-releasing hormone administration, in anorexia nervosa patients, normal controls and tamoxifen-pretreated volunteers. <i>Clinical Endocrinology</i> , 1987 , 27, 517-23	3.4	26
57	Brain Recovery after a Plane Crash: Treatment with Growth Hormone (GH) and Neurorehabilitation: A Case Report. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 30470-82	6.3	24
56	Regulation of hypothalamic somatostatin by glucocorticoids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995 , 53, 277-82	5.1	24
55	Clonidine potentiates the growth hormone (GH) response to GH-releasing hormone in norepinephrine synthesis-inhibited rats: evidence for an alpha-2-adrenergic control of hypothalamic release of somatostatin. <i>Neuroendocrinology</i> , 1993 , 57, 1155-60	5.6	24
54	Glucocorticoid deficiency with achalasia of the cardia and lack of lacrimation. <i>Clinical Endocrinology</i> , 1985 , 23, 237-43	3.4	23
53	Growth hormone deficiency and cerebral palsy. <i>Therapeutics and Clinical Risk Management</i> , 2010 , 6, 413-8.9		22
52	A 12-kilodalton N-glycosylated growth hormone-related peptide is present in human pituitary extracts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 134-8	5.6	20
51	Atropine selectively blocks GHRH-induced GH secretion without altering LH, FSH, TSH, PRL and ACTH/cortisol secretion elicited by their specific hypothalamic releasing factors. <i>Clinical Endocrinology</i> , 1986 , 25, 319-23	3.4	20
50	Glucocorticoids may inhibit growth hormone release by enhancing beta-adrenergic responsiveness in hypothalamic somatostatin neurons. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 76, 439-44	5.6	19
49	Effects of recombinant growth hormone (GH) replacement and psychomotor and cognitive stimulation in the neurodevelopment of GH-deficient (GHD) children with cerebral palsy: a pilot study. <i>Therapeutics and Clinical Risk Management</i> , 2011 , 7, 199-206	2.9	18

48	N-glycosylated variants of growth hormone in human pituitary extracts. <i>Hormone Research in Paediatrics</i> , 2000 , 53, 40-5	3.3	18
47	Role of central dopaminergic pathways in the neural control of growth hormone secretion in normal men: studies with metoclopramide. <i>Neuroendocrinology</i> , 1991 , 53, 143-9	5.6	18
46	Expression of the human growth hormone normal gene (hGH-N) in proliferating and differentiated HL-60 cells. <i>Experimental Cell Research</i> , 1996 , 228, 164-7	4.2	15
45	Correlation of Pit-1 gene expression and Pit-1 content with proliferation and differentiation in human myeloid leukemic cells. <i>Experimental Cell Research</i> , 1998 , 245, 132-6	4.2	14
44	Growth hormone (GH) responsiveness to GHRH in normal adults is not affected by short-term gonadal blockade. <i>European Journal of Endocrinology</i> , 1989 , 120, 31-6	6.5	14
43	Learning and Memory Recoveries in a Young Girl Treated with Growth Hormone and Neurorehabilitation. <i>Journal of Clinical Medicine</i> , 2016 , 5,	5.1	14
42	Recovery from neurological sequelae secondary to oncological brain surgery in an adult growth hormone-deficient patient after growth hormone treatment. <i>Journal of Rehabilitation Medicine</i> , 2009 , 41, 775-7	3.4	13
41	Muscle myostatin expression in children with muscle diseases. <i>Journal of Child Neurology</i> , 2007 , 22, 38-40.5		13
40	Steroids and neuroendocrine function in anorexia nervosa. <i>The Journal of Steroid Biochemistry</i> , 1987 , 27, 635-40		13
39	Metabolic and hormonal parameters after insulin-induced hypoglycemia in man, comparison between biosynthetic human insulin and purified pork insulin. <i>Hormone and Metabolic Research</i> , 1985 , 17, 351-4	3.1	13
38	Growth Hormone (GH) and Rehabilitation Promoted Distal Innervation in a Child Affected by Caudal Regression Syndrome. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	12
37	Clonidine pretreatment modifies the growth hormone secretory pattern induced by short-term continuous GRF infusion in normal man. <i>Clinical Endocrinology</i> , 1991 , 35, 129-35	3.4	12
36	GPE Promotes the Proliferation and Migration of Mouse Embryonic Neural Stem Cells and Their Progeny In Vitro. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
35	Effects of recombinant growth hormone replacement and physical rehabilitation in recovery of gross motor function in children with cerebral palsy. <i>Therapeutics and Clinical Risk Management</i> , 2010 , 6, 585-92	2.9	11
34	Hypothyroidism is associated with increased myostatin expression in rats. <i>Journal of Endocrinological Investigation</i> , 2008 , 31, 773-8	5.2	11
33	Inhibitory effect of cabergoline on the development of estrogen-induced prolactin-secreting adenomas of the pituitary. <i>European Journal of Pharmacology</i> , 1988 , 151, 97-102	5.3	11
32	Motor Improvement of Skilled Forelimb Use Induced by Treatment with Growth Hormone and Rehabilitation Is Dependent on the Onset of the Treatment after Cortical Ablation. <i>Neural Plasticity</i> , 2018 , 2018, 6125901	3.3	11
31	Myostatin expression is regulated by underfeeding and neonatal programming in rats. <i>Journal of Physiology and Biochemistry</i> , 2013 , 69, 15-23	5	10

30	Proteolytic processing of human growth hormone (GH) by rat tissues in vitro: influence of sex and age. <i>Journal of Endocrinological Investigation</i> , 2000 , 23, 748-54	5.2	9
29	Treatment with Growth Hormone (GH) Increased the Metabolic Activity of the Brain in an Elder Patient, Not GH-Deficient, Who Suffered Mild Cognitive Alterations and Had an ApoE 4/3 Genotype. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
28	Hydrogen Ion Dynamics of Cancer and a New Molecular, Biochemical and Metabolic Approach to the Etiopathogenesis and Treatment of Brain Malignancies. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
27	Adrenal cortex and type II polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 1987 , 1, 269-77	2.4	8
26	Dopamine acts on acetylation of proopiomelanocortin-derived products in dog pituitary. <i>European Journal of Endocrinology</i> , 1988 , 117, 33-8	6.5	8
25	Chronic limb-threatening ischemia could benefit from growth hormone therapy for wound healing and limb salvage. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2018 , 12, 53-72	3.4	7
24	Why Should Growth Hormone (GH) Be Considered a Promising Therapeutic Agent for Arteriogenesis? Insights from the GHAS Trial. <i>Cells</i> , 2020 , 9,	7.9	6
23	Myostatin expression in muscular dystrophies and mitochondrial encephalomyopathies. <i>Pediatric Neurology</i> , 2006 , 34, 281-4	2.9	6
22	Studies on alpha 2-adrenergic modulation of hypothalamic somatostatin secretion in rats. <i>Life Sciences</i> , 1993 , 53, 665-8	6.8	6
21	Clonidine potentiates the growth hormone response to a growth hormone releasing hormone challenge in hypothalamic growth hormone releasing hormone deficient rats. <i>Neuroendocrinology</i> , 1995 , 61, 552-8	5.6	6
20	The Complex World of Regulation of Pituitary Growth Hormone Secretion: The Role of Ghrelin, Klotho, and Nesfatins in It. <i>Frontiers in Endocrinology</i> , 2021 , 12, 636403	5.7	6
19	Causes and treatment of idiopathic benign paroxysmal positional vertigo based on endocrinological and other metabolic factors. <i>Journal of Otology</i> , 2020 , 15, 155-160	1.9	5
18	A New and Integral Approach to the Etiopathogenesis and Treatment of Breast Cancer Based upon Its Hydrogen Ion Dynamics. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
17	Morphological and functional stimulation of adrenal reticularis zone by dopaminergic blockade in dogs. <i>The Journal of Steroid Biochemistry</i> , 1987 , 28, 465-70		5
16	Cognitive Evolution of a Patient Who Suffered a Subarachnoid Haemorrhage Eight Years Ago, after Being Treated with Growth Hormone, Melatonin and Neurorehabilitation. <i>Reports</i> , 2018 , 1, 2	0.4	3
15	Factors Involved in the Functional Motor Recovery of Rats with Cortical Ablation after GH and Rehabilitation Treatment: Cortical Cell Proliferation and Nestin and Actin Expression in the Striatum and Thalamus. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
14	Early Treatment with Growth Hormone (GH) and Rehabilitation Recovers Hearing in a Child with Cerebral Palsy. <i>Reports</i> , 2019 , 2, 4	0.4	2
13	Hormone Therapy: Challenges for Treating Hearing Impairments. <i>SN Comprehensive Clinical Medicine</i> , 2019 , 1, 603-615	2.7	2

12	Pattern of presentation of the human growth hormone variant (hGH-V) gene in the normal population. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 1998 , 11, 591-5	1.6	2
11	Study of the source(s) of hyperandrogenism in women with idiopathic hirsutism. <i>Hormone and Metabolic Research</i> , 1990 , 22, 499-503	3.1	2
10	Pathogenesis and Management of COVID-19. <i>Journal of Xenobiotics</i> , 2021 , 11, 77-93	1	2
9	Role of growth hormone receptor in HL-60 cell survival. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000 , 4, 26-31		1
8	Effects of bromocriptine on pituitary and adrenal cortex in pre-adrenarchal rabbits. <i>Journal of Endocrinological Investigation</i> , 1989 , 12, 221-7	5.2	1
7	Immortalization of a cell line with neural stem cell characteristics derived from mouse embryo brain. <i>Developmental Dynamics</i> , 2020 , 249, 112-124	2.9	1
6	Rett Syndrome: Treatment with IGF-I, Melatonin, Blackcurrant Extracts, and Rehabilitation. <i>Reports</i> , 2018 , 1, 14	0.4	1
5	Melatonin Exerts Anti-Inflammatory, Antioxidant, and Neuromodulatory Effects That Could Potentially Be Useful in the Treatment of Vertigo. <i>International Journal of Otolaryngology</i> , 2021 , 2021, 6641055	1.4	0
4	From neural stem cells to glioblastoma: A natural history of GBM recapitulated in vitro. <i>Journal of Cellular Physiology</i> , 2021 , 236, 7390-7404	7	0
3	La miostatina: un regulador autocrino/paracrino del desarrollo muscular. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , 2005 , 52, 350-357		
2	Dopaminergic Modulation of Pituitary Alpha-N-Acetyl-Transferase Activity and Adrenarche. <i>Neuroendocrine Perspectives</i> , 1989 , 257-263		
1	Laryngeal Paralysis Recovered Two Years after a Head Trauma by Growth Hormone Treatment and Neurorehabilitation. <i>Reports</i> , 2021 , 4, 19	0.4	