

Nestor F Gonzalez-Cadavid

List of Publications by Year in Descending Order

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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.

76 papers	5,520 citations	43 h-index	74 g-index
78 ext. papers	5,948 ext. citations	3.5 avg, IF	5.19 L-index

#	Paper	IF	Citations
76	Stem Cells from a Female Rat Model of Type 2 Diabetes/Obesity and Stress Urinary Incontinence Are Damaged by In Vitro Exposure to its Dyslipidemic Serum, Predicting Inadequate Repair Capacity In Vivo. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
75	Dyslipidemia Is a Major Factor in Stem Cell Damage Induced by Uncontrolled Long-Term Type 2 Diabetes and Obesity in the Rat, as Suggested by the Effects on Stem Cell Culture. <i>Journal of Sexual Medicine</i> , 2018 , 15, 1678-1697	1.1	7
74	Long-term exposure of MCF-7 breast cancer cells to ethanol stimulates oncogenic features. <i>International Journal of Oncology</i> , 2017 , 50, 49-65	4.4	12
73	Aging related erectile dysfunction-potential mechanism to halt or delay its onset. <i>Translational Andrology and Urology</i> , 2017 , 6, 20-27	2.3	37
72	Translational Perspective on the Role of Testosterone in Sexual Function and Dysfunction. <i>Journal of Sexual Medicine</i> , 2016 , 13, 1183-98	1.1	34
71	Long-term exposure of MCF-12A normal human breast epithelial cells to ethanol induces epithelial mesenchymal transition and oncogenic features. <i>International Journal of Oncology</i> , 2016 , 48, 2399-414	4.4	11
70	Implanted Muscle-Derived Stem Cells Ameliorate Erectile Dysfunction in a Rat Model of Type 2 Diabetes, but Their Repair Capacity Is Impaired by Their Prior Exposure to the Diabetic Milieu. <i>Journal of Sexual Medicine</i> , 2016 , 13, 786-97	1.1	14
69	Basic Science Evidence for the Link Between Erectile Dysfunction and Cardiometabolic Dysfunction. <i>Journal of Sexual Medicine</i> , 2015 , 12, 2233-55	1.1	36
68	The transcriptional signatures of cells from the human Peyronie's disease plaque and the ability of these cells to generate a plaque in a rat model suggest potential therapeutic targets. <i>Journal of Sexual Medicine</i> , 2015 , 12, 313-27	1.1	13
67	Myostatin genetic inactivation inhibits myogenesis by muscle-derived stem cells in vitro but not when implanted in the mdx mouse muscle. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 4	8.3	19
66	Chronic high dose intraperitoneal bisphenol A (BPA) induces substantial histological and gene expression alterations in rat penile tissue without impairing erectile function. <i>Journal of Sexual Medicine</i> , 2013 , 10, 2952-66	1.1	10
65	Amelioration of diabetes-induced cavernosal fibrosis by antioxidant and anti-transforming growth factor- β therapies in inducible nitric oxide synthase-deficient mice. <i>BJU International</i> , 2012 , 109, 586-93	5.6	12
64	Separate or combined treatments with daily sildenafil, molsidomine, or muscle-derived stem cells prevent erectile dysfunction in a rat model of cavernosal nerve damage. <i>Journal of Sexual Medicine</i> , 2012 , 9, 2814-26	1.1	31
63	Effects of sildenafil and/or muscle derived stem cells on myocardial infarction. <i>Journal of Translational Medicine</i> , 2012 , 10, 159	8.5	13
62	Antifibrotic effects of pioglitazone at low doses on the diabetic rat kidney are associated with the improvement of markers of cell turnover, tubular and endothelial integrity, and angiogenesis. <i>Kidney and Blood Pressure Research</i> , 2011 , 34, 20-33	3.1	32
61	Treatment of Peyronie's disease with PDE5 inhibitors: an antifibrotic strategy. <i>Nature Reviews Urology</i> , 2010 , 7, 215-21	5.5	67
60	The management of Peyronie's disease: evidence-based 2010 guidelines. <i>Journal of Sexual Medicine</i> , 2010 , 7, 2359-74	1.1	236

59	The genetic inactivation of inducible nitric oxide synthase (iNOS) intensifies fibrosis and oxidative stress in the penile corpora cavernosa in type 1 diabetes. <i>Journal of Sexual Medicine</i> , 2010 , 7, 3033-44	1.1	35
58	Antifibrotic effects of pioglitazone on the kidney in a rat model of type 2 diabetes mellitus. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 2384-91	4.3	50
57	Stimulating vaginal repair in rats through skeletal muscle-derived stem cells seeded on small intestinal submucosal scaffolds. <i>Obstetrics and Gynecology</i> , 2009 , 114, 300-309	4.9	45
56	Experimental models of Peyronie's disease. Implications for new therapies. <i>Journal of Sexual Medicine</i> , 2009 , 6, 303-13	1.1	34
55	Fibrosis and loss of smooth muscle in the corpora cavernosa precede corporal veno-occlusive dysfunction (CVD) induced by experimental cavernosal nerve damage in the rat. <i>Journal of Sexual Medicine</i> , 2009 , 6, 415-28	1.1	84
54	Mechanisms of penile fibrosis. <i>Journal of Sexual Medicine</i> , 2009 , 6 Suppl 3, 353-62	1.1	101
53	Early onset of fibrosis within the arterial media in a rat model of type 2 diabetes mellitus with erectile dysfunction. <i>BJU International</i> , 2009 , 103, 1396-404	5.6	44
52	CHARACTERIZATION OF ENDOGENOUS STEM CELLS FROM THE MOUSE PENIS THAT EXPRESS AN EMBRYONIC STEM CELL GENE AND UNDERGO DIFFERENTIATION INTO SEVERAL CELL LINEAGES. <i>Journal of Urology</i> , 2009 , 181, 43-43	2.5	7
51	Effect of muscle-derived stem cells on the restoration of corpora cavernosa smooth muscle and erectile function in the aged rat. <i>BJU International</i> , 2008 , 101, 1156-64	5.6	103
50	Profibrotic role of myostatin in Peyronie's disease. <i>Journal of Sexual Medicine</i> , 2008 , 5, 1607-22	1.1	41
49	Myostatin promotes a fibrotic phenotypic switch in multipotent C3H 10T1/2 cells without affecting their differentiation into myofibroblasts. <i>Journal of Endocrinology</i> , 2008 , 196, 235-49	4.7	43
48	Chronic daily tadalafil prevents the corporal fibrosis and veno-occlusive dysfunction that occurs after cavernosal nerve resection. <i>BJU International</i> , 2008 , 101, 203-10	5.6	120
47	Ageing-related corpora veno-occlusive dysfunction in the rat is ameliorated by pioglitazone. <i>BJU International</i> , 2007 , 100, 867-74	5.6	17
46	Antisense and short hairpin RNA (shRNA) constructs targeting PIN (Protein Inhibitor of NOS) ameliorate aging-related erectile dysfunction in the rat. <i>Journal of Sexual Medicine</i> , 2007 , 4, 633-643	1.1	45
45	Experimental Models for the Study of the Cellular and Molecular Pathophysiology of Peyronie's Disease 2007 , 19-38		2
44	Phosphodiesterase type 5 is not upregulated by tadalafil in cultures of human penile cells. <i>Journal of Sexual Medicine</i> , 2006 , 3, 84-94; discussion 94-5	1.1	28
43	Myostatin short interfering hairpin RNA gene transfer increases skeletal muscle mass. <i>Journal of Gene Medicine</i> , 2006 , 8, 1171-81	3.5	87
42	Increased vaginal oxidative stress, apoptosis, and inducible nitric oxide synthase in a diabetic rat model: implications for vaginal fibrosis. <i>Fertility and Sterility</i> , 2006 , 86, 1152-63	4.8	23

41	Vardenafil prevents fibrosis and loss of corporal smooth muscle that occurs after bilateral cavernosal nerve resection in the rat. <i>Urology</i> , 2006 , 68, 429-35	1.6	182
40	Effects of long-term vardenafil treatment on the development of fibrotic plaques in a rat model of Peyronie's disease. <i>BJU International</i> , 2006 , 97, 625-33	5.6	98
39	Pioglitazone prevents corporal veno-occlusive dysfunction in a rat model of type 2 diabetes mellitus. <i>BJU International</i> , 2006 , 98, 116-24	5.6	68
38	Gene Therapy for Erectile Dysfunction 2006 , 467-483		
37	Peyronie's disease associated with increase in plasminogen activator inhibitor in fibrotic plaque. <i>Urology</i> , 2005 , 65, 645-8	1.6	40
36	Evidence that osteogenic progenitor cells in the human tunica albuginea may originate from stem cells: implications for peyronie disease. <i>Biology of Reproduction</i> , 2005 , 73, 1199-210	3.9	71
35	Myostatin inhibits myogenesis and promotes adipogenesis in C3H 10T(1/2) mesenchymal multipotent cells. <i>Endocrinology</i> , 2005 , 146, 3547-57	4.8	160
34	Mechanisms of Disease: new insights into the cellular and molecular pathology of Peyronie's disease. <i>Nature Reviews Urology</i> , 2005 , 2, 291-7		126
33	Gene transfer of inducible nitric oxide synthase complementary DNA regresses the fibrotic plaque in an animal model of Peyronie's disease. <i>Biology of Reproduction</i> , 2004 , 71, 1568-77	3.9	72
32	Aging-related induction of inducible nitric oxide synthase is vasculo-protective to the arterial media. <i>Cardiovascular Research</i> , 2004 , 61, 796-805	9.9	75
31	Physiology of erectile function. <i>Journal of Sexual Medicine</i> , 2004 , 1, 254-65	1.1	96
30	Therapy of erectile dysfunction: potential future treatments. <i>Endocrine</i> , 2004 , 23, 167-76		19
29	New discoveries in the basic science understanding of Peyronie's disease. <i>Current Urology Reports</i> , 2004 , 5, 478-84	2.9	16
28	Role of myostatin in metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2004 , 7, 451-7	3.8	67
27	1420: Detrimental Effect of Cigarette Smoking on Erectile Dysfunction in the Rat is Contingent to Diabetes as Co-Morbidity. <i>Journal of Urology</i> , 2004 , 171, 374-374	2.5	2
26	The mechanisms of androgen effects on body composition: mesenchymal pluripotent cell as the target of androgen action. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003 , 58, M1103-10	6.4	136
25	Penile neuronal nitric oxide synthase and its regulatory proteins are present in hypothalamic and spinal cord regions involved in the control of penile erection. <i>Journal of Comparative Neurology</i> , 2003 , 458, 46-61	3.4	15
24	Myostatin is a skeletal muscle target of growth hormone anabolic action. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5490-6	5.6	102

23	L-arginine and phosphodiesterase (PDE) inhibitors counteract fibrosis in the Peyronie's fibrotic plaque and related fibroblast cultures. <i>Nitric Oxide - Biology and Chemistry</i> , 2003 , 9, 229-44	5	182
22	Lower skeletal muscle mass in male transgenic mice with muscle-specific overexpression of myostatin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E876-88	6	241
21	Peyronie's disease: a review. <i>Journal of Urology</i> , 2003 , 169, 1234-41	2.5	129
20	Glucocorticoid-induced skeletal muscle atrophy is associated with upregulation of myostatin gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E363-71	6	269
19	Androgens stimulate myogenic differentiation and inhibit adipogenesis in C3H 10T1/2 pluripotent cells through an androgen receptor-mediated pathway. <i>Endocrinology</i> , 2003 , 144, 5081-8	4.8	399
18	Gene therapy of erectile dysfunction in the rat with penile neuronal nitric oxide synthase. <i>Biology of Reproduction</i> , 2002 , 67, 20-8	3.9	67
17	Endogenous expression and localization of myostatin and its relation to myosin heavy chain distribution in C2C12 skeletal muscle cells. <i>Journal of Cellular Physiology</i> , 2002 , 190, 170-9	7	79
16	Gene therapy of erectile dysfunction in the rat with penile neuronal nitric oxide synthase. <i>Biology of Reproduction</i> , 2002 , 67, 1033-41	3.9	38
15	Gene expression profiles in the Peyronie's disease plaque. <i>Urology</i> , 2002 , 59, 451-7	1.6	57
14	Effect of nitric oxide on the differentiation of fibroblasts into myofibroblasts in the Peyronie's fibrotic plaque and in its rat model. <i>Nitric Oxide - Biology and Chemistry</i> , 2002 , 7, 262-76	5	112
13	Characterization of 5'-regulatory region of human myostatin gene: regulation by dexamethasone in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E1128-36	6	148
12	Myostatin inhibits cell proliferation and protein synthesis in C2C12 muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E221-8	6	281
11	Aging-related increased expression of inducible nitric oxide synthase and cytotoxicity markers in rat hypothalamic regions associated with male reproductive function. <i>Neuroendocrinology</i> , 2001 , 74, 1-11	5.6	60
10	Expression of penile neuronal nitric oxide synthase variants in the rat and mouse penile nerves. <i>Biology of Reproduction</i> , 2000 , 63, 704-14	3.9	54
9	Spontaneous expression of inducible nitric oxide synthase in the hypothalamus and other brain regions of aging rats. <i>Endocrinology</i> , 1998 , 139, 3254-61	4.8	74
8	Adrenal control of erectile function and nitric oxide synthase in the rat penis. <i>Endocrinology</i> , 1997 , 138, 3925-32	4.8	51
7	Effect of cryptorchidism on testicular histology in a naturally cryptorchid animal model. <i>Journal of Urology</i> , 1997 , 158, 1978-82	2.5	10
6	Effect of Long-term Passive Smoking on Erectile Function and Penile Nitric Oxide Synthase in the Rat. <i>Journal of Urology</i> , 1997 , 157, 1121-1126	2.5	91

5	Cloning of a novel neuronal nitric oxide synthase expressed in penis and lower urinary tract. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 226, 145-51	3.4	82
4	Androgen and pituitary control of penile nitric oxide synthase and erectile function in the rat. <i>Biology of Reproduction</i> , 1996 , 55, 567-74	3.9	121
3	Restoration of normal adult penile erectile response in aged rats by long-term treatment with androgens. <i>Biology of Reproduction</i> , 1995 , 53, 1365-72	3.9	91
2	Adrenal Control of Erectile Function and Nitric Oxide Synthase in the Rat Penis		11
1	Spontaneous Expression of Inducible Nitric Oxide Synthase in the Hypothalamus and Other Brain Regions of Aging Rats		32