

Rodolfo G Goya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Therapeutic potential of glial cell line-derived neurotrophic factor and cell reprogramming for hippocampal-related neurological disorders. <i>Neural Regeneration Research</i> , 2022, 17, 469.	3.0	4
2	Aging and rejuvenation - a modular epigenome model. <i>Aging</i> , 2021, 13, 4734-4746.	3.1	9
3	A regulatable adenovector system for GDNF and GFP delivery in the rat hippocampus. <i>Neuropeptides</i> , 2020, 83, 102072.	2.2	3
4	A HIERARCHICAL MODEL FOR THE CONTROL OF EPIGENETIC AGING IN MAMMALS. <i>Ageing Research Reviews</i> , 2020, 62, 101134.	10.9	5
5	Cryopreservation of a Human Brain and Its Experimental Correlate in Rats. <i>Rejuvenation Research</i> , 2020, 23, 516-525.	1.8	3
6	Umbilical Cord Cell Therapy Improves Spatial Memory in Aging Rats. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 612-617.	5.6	11
7	Mesenchymal stem cell therapy improves spatial memory and hippocampal structure in aging rats. <i>Behavioural Brain Research</i> , 2019, 374, 111887.	2.2	6
8	Regulatable adenovector harboring the GFP and Yamanaka genes for implementing regenerative medicine in the brain. <i>Gene Therapy</i> , 2019, 26, 432-440.	4.5	7
9	Partial Reprogramming As An Emerging Strategy for Safe Induced Cell Generation and Rejuvenation. <i>Current Gene Therapy</i> , 2019, 19, 248-254.	2.0	10
10	Rejuvenating Effect of Long-Term Insulin-Like Growth Factor-I Gene Therapy in the Hypothalamus of Aged Rats with Dopaminergic Dysfunction. <i>Rejuvenation Research</i> , 2018, 21, 102-108.	1.8	5
11	IGF-I Gene Therapy in Aging Rats Modulates Hippocampal Genes Relevant to Memory Function. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 459-467.	3.6	14
12	Rejuvenation by cell reprogramming: a new horizon in gerontology. <i>Stem Cell Research and Therapy</i> , 2018, 9, 349.	5.5	16
13	A Putative Mechanism of Age-Related Synaptic Dysfunction Based on the Impact of IGF-1 Receptor Signaling on Synaptic CaMKII β Phosphorylation. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 35.	1.7	11
14	IGF-1 Gene Therapy as a Potentially Useful Therapy for Spontaneous Prolactinomas in Senile Rats. <i>Current Gene Therapy</i> , 2018, 18, 240-245.	2.0	1
15	Identification of a conserved gene signature associated with an exacerbated inflammatory environment in the hippocampus of aging rats. <i>Hippocampus</i> , 2017, 27, 435-449.	1.9	21
16	Therapeutic potential of IGF-I on hippocampal neurogenesis and function during aging. <i>Neurogenesis (Austin, Tex)</i> , 2017, 4, e1259709.	1.5	28
17	A new adenovector system for implementing thymulin gene therapy for inflammatory disorders. <i>Molecular Immunology</i> , 2017, 87, 180-187.	2.2	1
18	The Emerging View of Aging as a Reversible Epigenetic Process. <i>Gerontology</i> , 2017, 63, 426-431.	2.8	16

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19	Cell reprogramming: Therapeutic potential and the promise of rejuvenation for the aging brain. <i>Ageing Research Reviews</i> , 2017, 40, 168-181.	10.9	23
20	Insulin-like growth factor-1 gene therapy increases hippocampal neurogenesis, astrocyte branching and improves spatial memory in female aging rats. <i>European Journal of Neuroscience</i> , 2016, 44, 2120-2128.	2.6	69
21	Stress-Induced Gene Expression Sensing Intracellular Heating Triggered by Magnetic Hyperthermia. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7339-7348.	3.1	19
22	A Rat Treated with Mesenchymal Stem Cells Lives to 44 Months of Age. <i>Rejuvenation Research</i> , 2016, 19, 318-321.	1.8	13
23	Racemized and Isomerized Proteins in Aging Rat Teeth and Eye Lens. <i>Rejuvenation Research</i> , 2016, 19, 309-317.	1.8	9
24	Cognitive impairment and morphological changes in the dorsal hippocampus of very old female rats. <i>Neuroscience</i> , 2015, 303, 189-199.	2.3	48
25	Regional research priorities in brain and nervous system disorders. <i>Nature</i> , 2015, 527, S198-S206.	27.8	25
26	Gene Therapy and Cell Reprogramming For the Aging Brain: Achievements and Promise. <i>Current Gene Therapy</i> , 2014, 14, 24-34.	2.0	15
27	Physiology and Therapeutic Potential of the Thymic Peptide Thymulin. <i>Current Pharmaceutical Design</i> , 2014, 20, 4690-4696.	1.9	11
28	Hypothalamic IGF-I Gene Therapy Prolongs Estrous Cyclicity and Protects Ovarian Structure in Middle-Aged Female Rats. <i>Endocrinology</i> , 2013, 154, 2166-2173.	2.8	15
29	The Thymulin-Lactotropic Axis in Rodents: Thymectomy, Immunoneutralization and Gene Transfer Studies. <i>NeuroImmunoModulation</i> , 2013, 20, 256-263.	1.8	1
30	Magnetic Field-Assisted Gene Delivery: Achievements and Therapeutic Potential. <i>Current Gene Therapy</i> , 2012, 12, 116-126.	2.0	58
31	Role of thymulin on the somatotrophic axis in vivo. <i>Life Sciences</i> , 2012, 91, 166-171.	4.3	1
32	Thymulin Gene Therapy Prevents the Histomorphometric Changes Induced by Thymulin Deficiency in the Thyrotrope Population of Mice. <i>Cells Tissues Organs</i> , 2011, 194, 67-75.	2.3	6
33	Increased Number of Neurons in the Cervical Spinal Cord of Aged Female Rats. <i>PLoS ONE</i> , 2011, 6, e22537.	2.5	9
34	Thymulin-Based Gene Therapy and Pituitary Function in Animal Models of Aging. <i>NeuroImmunoModulation</i> , 2011, 18, 350-356.	1.8	6
35	Protective effect of estrogens on the brain of rats with essential and endocrine hypertension. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 4, 549-57.	0.7	0
36	Morphological Changes Induced by Insulin-Like Growth Factor-I Gene Therapy in Pituitary Cell Populations in Experimental Prolactinomas. <i>Cells Tissues Organs</i> , 2010, 191, 316-325.	2.3	1

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37	Gene therapy for the treatment of pituitary tumors. Expert Review of Endocrinology and Metabolism, 2009, 4, 359-370.	2.4	4
38	Effect of Insulin-Like Growth Factor-I Gene Therapy on the Somatotrophic Axis in Experimental Prolactinomas. Cells Tissues Organs, 2009, 190, 20-26.	2.3	6
39	Changes in carbohydrate expression in the cervical spinal cord of rats during aging. Neuropathology, 2009, 29, 258-262.	1.2	8
40	The Thymusâ€“Neuroendocrine Axis. Annals of the New York Academy of Sciences, 2009, 1153, 98-106.	3.8	28
41	Estrogen inhibits tuberoinfundibular dopaminergic neurons but does not cause irreversible damage. Brain Research Bulletin, 2009, 80, 347-352.	3.0	22
42	Insulin-like growth factor-I gene therapy reverses morphologic changes and reduces hyperprolactinemia in experimental rat prolactinomas. Molecular Cancer, 2008, 7, 13.	19.2	6
43	Potential of Gene Therapy for Restoration of Endocrine Thymic Function in Thymus-Deficient Animal Models. Current Gene Therapy, 2008, 8, 49-53.	2.0	3
44	Thymulin gene therapy prevents the reduction in circulating gonadotropins induced by thymulin deficiency in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E182-E187.	3.5	26
45	Peripheral and mesencephalic transfer of a synthetic gene for the thymic peptide thymulin. Brain Research Bulletin, 2006, 69, 647-651.	3.0	8
46	Partial prevention of hepatic lipid alterations in nude mice by neonatal thymulin gene therapy. Lipids, 2006, 41, 753-757.	1.7	3
47	The Neuroendocrine System as a Model to Evaluate Experimental Gene Therapy. Current Gene Therapy, 2006, 6, 125-129.	2.0	7
48	Morphometric Assessment of the Impact of Serum Thymulin Immunoneutralization on Pituitary Cell Populations in Peripubertal Mice. Cells Tissues Organs, 2006, 184, 23-30.	2.3	8
49	Studies on in vivo gene transfer in pituitary tumors using herpes-derived and adenoviral vectors. Brain Research Bulletin, 2005, 65, 17-22.	3.0	4
50	Potential of Gene Therapy for the Treatment of Pituitary Tumors. Current Gene Therapy, 2004, 4, 79-87.	2.0	11
51	Thymulin and the neuroendocrine system. Peptides, 2004, 25, 139-142.	2.4	18
52	Glucocorticoid-induced apoptosis in lymphoid organs is associated with a delayed increase in circulating deoxyribonucleic acid. Apoptosis: an International Journal on Programmed Cell Death, 2003, 8, 171-177.	4.9	13
53	Hypophysotropic activity of histone H3 in vitro. Peptides, 2003, 24, 671-678.	2.4	3
54	Involvement of bone morphogenetic protein 4 (BMP-4) in pituitary prolactinoma pathogenesis through a Smad/estrogen receptor crosstalk. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1034-1039.	7.1	171

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55	Thymus and Aging: Potential of Gene Therapy for Restoration of Endocrine Thymic Function in Thymus-Deficient Animal Models. <i>Gerontology</i> , 2002, 48, 325-328.	2.8	12
56	Altered Functional Responses with Preserved Morphology of Gonadotrophic Cells in Congenitally Athymic Mice. <i>Brain, Behavior, and Immunity</i> , 2001, 15, 85-92.	4.1	15
57	Gene Therapy in the Neuroendocrine System: Its Implementation in Experimental Models Using Viral Vectors. <i>Neuroendocrinology</i> , 2001, 73, 75-83.	2.5	7
58	Neuroendocrinology of Aging: The Potential of Gene Therapy as an Interventive Strategy. <i>Gerontology</i> , 2001, 47, 168-173.	2.8	5
59	Studies on the prolactin-releasing mechanism of histones H2A and H2B. <i>Life Sciences</i> , 2000, 66, 2081-2089.	4.3	5
60	The Thymus-Pituitary Axis and Its Changes during Aging. <i>NeuroImmunoModulation</i> , 1999, 6, 137-142.	1.8	27
61	Homeostasis, Thymic Hormones and Aging. <i>Gerontology</i> , 1999, 45, 174-178.	2.8	21
62	Age changes in the activity of liver 3-hydroxy-3-methylglutaryl-CoA reductase in female rats: influence of mammary pathology. <i>Mechanisms of Ageing and Development</i> , 1998, 100, 41-51.	4.6	2
63	Thymulin stimulates prolactin and thyrotropin release in an age-related manner. <i>Mechanisms of Ageing and Development</i> , 1998, 104, 249-262.	4.6	17
64	Use of recombinant herpes simplex virus type 1 vectors for gene transfer into tumour and normal anterior pituitary cells. <i>Molecular and Cellular Endocrinology</i> , 1998, 139, 199-207.	3.2	24
65	Expression of Transgenes in Normal and Neoplastic Anterior Pituitary Cells Using Recombinant Adenoviruses: Long Term Expression, Cell Cycle Dependency, and Effects on Hormone Secretion*. <i>Endocrinology</i> , 1997, 138, 2184-2194.	2.8	47
66	Thyrotropin-Releasing Activity of Histone H2A, H2B and Peptide MB35. <i>Peptides</i> , 1997, 18, 1315-1319.	2.4	5
67	Relationship between pituitary hormones, antioxidant enzymes, and histopathological changes in the mammary gland of senescent rats. <i>Experimental Gerontology</i> , 1997, 32, 297-304.	2.8	13
68	Effect of the Corticotrophin Releasing Hormone Precursor on Interleukin-6 Release by Human Mononuclear Cells. <i>Clinical Immunology and Immunopathology</i> , 1997, 85, 35-39.	2.0	15
69	Age-dependent prolactin-releasing activity of nucleoproteins. <i>Mechanisms of Ageing and Development</i> , 1996, 89, 103-111.	4.6	1
70	Hormonal modulation of antioxidant enzyme activities in young and old rats. <i>Experimental Gerontology</i> , 1995, 30, 169-175.	2.8	73
71	Quantitative Immunohistochemical Changes in the Endocrine Pancreas of Nonobese Diabetic (NOD) Mice. <i>Pancreas</i> , 1995, 11, 396-401.	1.1	27
72	Reduced ability of hypothalamic and pituitary extracts from old mice to stimulate thymulin secretion in vitro. <i>Mechanisms of Ageing and Development</i> , 1995, 83, 143-154.	4.6	9

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73	In Vitro Studies on the Thymus-Pituitary Axis in Young and Old Rats. <i>Annals of the New York Academy of Sciences</i> , 1994, 741, 108-114.	3.8	9
74	Impact of aging on the morphology and function of the somatotroph cell population in rats. <i>Mechanisms of Ageing and Development</i> , 1993, 70, 45-51.	4.6	9
75	Histones and related preparations interfere with immunoassays for peptide hormones. <i>Peptides</i> , 1993, 14, 777-781.	2.4	9
76	Effects of Growth Hormone and Thyroxine on Thymulin Secretion in Aging Rats. <i>Neuroendocrinology</i> , 1993, 58, 338-343.	2.5	23
77	Thymosin Peptides Stimulate Corticotropin Release by a Calcium-Dependent Mechanism. <i>Neuroendocrinology</i> , 1993, 57, 230-235.	2.5	11
78	In vivo effects of growth hormone on thymus function in aging mice. <i>Brain, Behavior, and Immunity</i> , 1992, 6, 341-354.	4.1	81
79	A comparison between hormone levels and T lymphocyte function in young and old rats. <i>Mechanisms of Ageing and Development</i> , 1991, 61, 275-285.	4.6	15
80	The Immune-Neuroendocrine Homeostatic Network and Aging. <i>Gerontology</i> , 1991, 37, 208-213.	2.8	27
81	Effects of underfeeding and refeeding on GH and thyroid hormone secretion in young, middle-aged, and old rats. <i>Experimental Gerontology</i> , 1990, 25, 447-457.	2.8	22
82	Changes in circulating levels of neuroendocrine and thymic hormones during aging in rats: A correlation study. <i>Experimental Gerontology</i> , 1990, 25, 149-157.	2.8	12
83	Homeostatic Thymus Hormone Stimulates Corticosterone Secretion in a Dose- and Age-Dependent Manner in Rats. <i>Neuroendocrinology</i> , 1990, 51, 59-63.	2.5	36
84	Gonadal function in aging rats and its relation to pituitary and mammary pathology. <i>Mechanisms of Ageing and Development</i> , 1990, 56, 77-88.	4.6	49
85	Changes in somatotropin and thyrotropin secretory patterns in aging rats. <i>Neurobiology of Aging</i> , 1990, 11, 625-630.	3.1	14
86	Differential effect of homeostatic thymus hormone on plasma thyrotropin and growth hormone in young and old rats. <i>Mechanisms of Ageing and Development</i> , 1989, 49, 119-128.	4.6	31
87	Diminished Diurnal Secretion of Corticosterone in Aging Female but Not Male Rats. <i>Gerontology</i> , 1989, 35, 181-187.	2.8	19
88	Differential Activity of Thymosin Peptides (Thymosin Fraction 5) on Plasma Thyrotropin in Female Rats of Different Ages. <i>Neuroendocrinology</i> , 1988, 47, 379-383.	2.5	25
89	Immune-neuroendocrine interactions during aging: Age-dependent thyrotropin-inhibiting activity of thymosin peptides. <i>Mechanisms of Ageing and Development</i> , 1987, 41, 219-227.	4.6	23
90	Growth Hormone Secretory Patterns in Young, Middle-Aged and Old Female Rats. <i>Neuroendocrinology</i> , 1987, 46, 137-142.	2.5	85

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91	Why the neuroendocrine system is important in aging processes. <i>Experimental Gerontology</i> , 1987, 22, 1-15.	2.8	98
92	Half-life of plasma growth hormone in young and old conscious female rats. <i>Experimental Gerontology</i> , 1987, 22, 27-36.	2.8	4
93	Degradation of immunoreactive albumin in young and old conscious female rats. <i>Mechanisms of Ageing and Development</i> , 1986, 37, 69-78.	4.6	1
94	Role of Programmed Cell Death in the Aging Process: An Unexplored Possibility. <i>Gerontology</i> , 1986, 32, 37-42.	2.8	11
95	Changes in chromatin composition associated with hormone-dependent mammary tumor regression. <i>International Journal of Cancer</i> , 1983, 31, 281-284.	5.1	1
96	Effects of Post-Weaning Malnutrition on the Weight of the Head Components in Rats. <i>Cells Tissues Organs</i> , 1983, 115, 231-237.	2.3	7