Rodolfo G Goya

List of Publications by Year
in descending order

96 papers	1,834 citations	304368 22 h-index	329751 37 g-index
99 all docs	99 docs citations	99 times ranked	1644 citing authors

#	Article	IF	Citations
1	Therapeutic potential of glial cell line-derived neurotrophic factor and cell reprogramming for hippocampal-related neurological disorders. Neural Regeneration Research, 2022, 17, 469.	1.6	4
2	Aging and rejuvenation - a modular epigenome model. Aging, 2021, 13, 4734-4746.	1.4	9
3	A regulatable adenovector system for GDNF and GFP delivery in the rat hippocampus. Neuropeptides, 2020, 83, 102072.	0.9	3
4	A HIERARCHICAL MODEL FOR THE CONTROL OF EPIGENETIC AGING IN MAMMALS. Ageing Research Reviews, 2020, 62, 101134.	5.0	5
5	Cryopreservation of a Human Brain and Its Experimental Correlate in Rats. Rejuvenation Research, 2020, 23, 516-525.	0.9	3
6	Umbilical Cord Cell Therapy Improves Spatial Memory in Aging Rats. Stem Cell Reviews and Reports, 2019, 15, 612-617.	5.6	11
7	Mesenchymal stem cell therapy improves spatial memory and hippocampal structure in aging rats. Behavioural Brain Research, 2019, 374, 111887.	1.2	6
8	Regulatable adenovector harboring the GFP and Yamanaka genes for implementing regenerative medicine in the brain. Gene Therapy, 2019, 26, 432-440.	2.3	7
9	Partial Reprogramming As An Emerging Strategy for Safe Induced Cell Generation and Rejuvenation. Current Gene Therapy, 2019, 19, 248-254.	0.9	10
10	Rejuvenating Effect of Long-Term Insulin-Like Growth Factor-I Gene Therapy in the Hypothalamus of Aged Rats with Dopaminergic Dysfunction. Rejuvenation Research, 2018, 21, 102-108.	0.9	5
11	IGF-I Gene Therapy in Aging Rats Modulates Hippocampal Genes Relevant to Memory Function. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 459-467.	1.7	14
12	Rejuvenation by cell reprogramming: a new horizon in gerontology. Stem Cell Research and Therapy, 2018, 9, 349.	2.4	16
13	A Putative Mechanism of Age-Related Synaptic Dysfunction Based on the Impact of IGF-1 Receptor Signaling on Synaptic CaMKIIÎ± Phosphorylation. Frontiers in Neuroanatomy, 2018, 12, 35.	0.9	11
14	IGF-1 Gene Therapy as a Potentially Useful Therapy for Spontaneous Prolactinomas in Senile Rats. Current Gene Therapy, 2018, 18, 240-245.	0.9	1
15	Identification of a conserved gene signature associated with an exacerbated inflammatory environment in the hippocampus of aging rats. Hippocampus, 2017, 27, 435-449.	0.9	21
16	Therapeutic potential of IGF-I on hippocampal neurogenesis and function during aging. Neurogenesis (Austin, Tex), 2017, 4, e1259709.	1.5	28
17	A new adenovector system for implementing thymulin gene therapy for inflammatory disorders. Molecular Immunology, 2017, 87, 180-187.	1.0	1
18	The Emerging View of Aging as a Reversible Epigenetic Process. Gerontology, 2017, 63, 426-431.	1.4	16

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19	Cell reprogramming: Therapeutic potential and the promise of rejuvenation for the aging brain. Ageing Research Reviews, 2017, 40, 168-181.	5.0	23
20	Insulinâ€like growth factorâ€I gene therapy increases hippocampal neurogenesis, astrocyte branching and improves spatial memory in female aging rats. European Journal of Neuroscience, 2016, 44, 2120-2128.	1.2	69
21	Stress-Induced Gene Expression Sensing Intracellular Heating Triggered by Magnetic Hyperthermia. Journal of Physical Chemistry C, 2016, 120, 7339-7348.	1.5	19
22	A Rat Treated with Mesenchymal Stem Cells Lives to 44 Months of Age. Rejuvenation Research, 2016, 19, 318-321.	0.9	13
23	Racemized and Isomerized Proteins in Aging Rat Teeth and Eye Lens. Rejuvenation Research, 2016, 19, 309-317.	0.9	9
24	Cognitive impairment and morphological changes in the dorsal hippocampus of very old female rats. Neuroscience, 2015, 303, 189-199.	1.1	48
25	Regional research priorities in brain and nervous system disorders. Nature, 2015, 527, S198-S206.	13.7	25
26	Gene Therapy and Cell Reprogramming For the Aging Brain: Achievements and Promise. Current Gene Therapy, 2014, 14, 24-34.	0.9	15
27	Physiology and Therapeutic Potential of the Thymic Peptide Thymulin. Current Pharmaceutical Design, 2014, 20, 4690-4696.	0.9	11
28	Hypothalamic IGF-I Gene Therapy Prolongs Estrous Cyclicity and Protects Ovarian Structure in Middle-Aged Female Rats. Endocrinology, 2013, 154, 2166-2173.	1.4	15
29	The Thymulin-Lactotropic Axis in Rodents: Thymectomy, Immunoneutralization and Gene Transfer Studies. NeuroImmunoModulation, 2013, 20, 256-263.	0.9	1
30	Magnetic Field-Assisted Gene Delivery: Achievements and Therapeutic Potential. Current Gene Therapy, 2012, 12, 116-126.	0.9	58
31	Role of thymulin on the somatotropic axis in vivo. Life Sciences, 2012, 91, 166-171.	2.0	1
32	Thymulin Gene Therapy Prevents the Histomorphometric Changes Induced by Thymulin Deficiency in the Thyrotrope Population of Mice. Cells Tissues Organs, 2011, 194, 67-75.	1.3	6
33	Increased Number of Neurons in the Cervical Spinal Cord of Aged Female Rats. PLoS ONE, 2011, 6, e22537.	1.1	9
34	Thymulin-Based Gene Therapy and Pituitary Function in Animal Models of Aging. NeuroImmunoModulation, 2011, 18, 350-356.	0.9	6
35	Protective effect of estrogens on the brain of rats with essential and endocrine hypertension. Hormone Molecular Biology and Clinical Investigation, 2010, 4, 549-57.	0.3	0
36	Morphological Changes Induced by Insulin-Like Growth Factor-I Gene Therapy in Pituitary Cell Populations in Experimental Prolactinomas. Cells Tissues Organs, 2010, 191, 316-325.	1.3	1

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37	Gene therapy for the treatment of pituitary tumors. Expert Review of Endocrinology and Metabolism, 2009, 4, 359-370.	1.2	4
38	Effect of Insulin-Like Growth Factor-I Gene Therapy on the Somatotropic Axis in Experimental Prolactinomas. Cells Tissues Organs, 2009, 190, 20-26.	1.3	6
39	Changes in carbohydrate expression in the cervical spinal cord of rats during aging. Neuropathology, 2009, 29, 258-262.	0.7	8
40	The Thymusâ€"Neuroendocrine Axis. Annals of the New York Academy of Sciences, 2009, 1153, 98-106.	1.8	28
41	Estrogen inhibits tuberoinfundibular dopaminergic neurons but does not cause irreversible damage. Brain Research Bulletin, 2009, 80, 347-352.	1.4	22
42	Insulin-like growth factor-I gene therapy reverses morphologic changes and reduces hyperprolactinemia in experimental rat prolactinomas. Molecular Cancer, 2008, 7, 13.	7.9	6
43	Potential of Gene Therapy for Restoration of Endocrine Thymic Function in Thymus-Deficient Animal Models. Current Gene Therapy, 2008, 8, 49-53.	0.9	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.	1.8	26
45	Peripheral and mesencephalic transfer of a synthetic gene for the thymic peptide thymulin. Brain Research Bulletin, 2006, 69, 647-651.	1.4	8
46	Partial prevention of hepatic lipid alterations in nude mice by neonatal thymulin gene therapy. Lipids, 2006, 41, 753-757.	0.7	3
47	The Neuroendocrine System as a Model to Evaluate Experimental Gene Therapy. Current Gene Therapy, 2006, 6, 125-129.	0.9	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.	1.3	8
49	Studies on in vivo gene transfer in pituitary tumors using herpes-derived and adenoviral vectors. Brain Research Bulletin, 2005, 65, 17-22.	1.4	4
50	Potential of Gene Therapy for the Treatment of Pituitary Tumors. Current Gene Therapy, 2004, 4, 79-87.	0.9	11
51	Thymulin and the neuroendocrine system. Peptides, 2004, 25, 139-142.	1.2	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.	2.2	13
53	Hypophysotropic activity of histone H3 in vitro. Peptides, 2003, 24, 671-678.	1.2	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.	3.3	171

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55	Thymus and Aging: Potential of Gene Therapy for Restoration of Endocrine Thymic Function in Thymus-Deficient Animal Models. Gerontology, 2002, 48, 325-328.	1.4	12
56	Altered Functional Responses with Preserved Morphology of Gonadotrophic Cells in Congenitally Athymic Mice. Brain, Behavior, and Immunity, 2001, 15, 85-92.	2.0	15
57	Gene Therapy in the Neuroendocrine System: Its Implementation in Experimental Models Using Viral Vectors. Neuroendocrinology, 2001, 73, 75-83.	1.2	7
58	Neuroendocrinology of Aging: The Potential of Gene Therapy as an Interventive Strategy. Gerontology, 2001, 47, 168-173.	1.4	5
59	Studies on the prolactin-releasing mechanism of histones H2A and H2B. Life Sciences, 2000, 66, 2081-2089.	2.0	5
60	The Thymus-Pituitary Axis and Its Changes during Aging. NeuroImmunoModulation, 1999, 6, 137-142.	0.9	27
61	Homeostasis, Thymic Hormones and Aging. Gerontology, 1999, 45, 174-178.	1.4	21
62	Age changes in the activity of liver 3-hydroxy-3-methylglutarylâ€"CoA reductase in female rats: influence of mammary pathology. Mechanisms of Ageing and Development, 1998, 100, 41-51.	2.2	2
63	Thymulin stimulates prolactin and thyrotropin release in an age-related manner. Mechanisms of Ageing and Development, 1998, 104, 249-262.	2.2	17
64	Use of recombinant herpes simplex virus type 1 vectors for gene transfer into tumour and normal anterior pituitary cells. Molecular and Cellular Endocrinology, 1998, 139, 199-207.	1.6	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*. Endocrinology, 1997, 138, 2184-2194.	1.4	47
66	Thyrotropin-Releasing Activity of Histone H2A, H2B and Peptide MB35. Peptides, 1997, 18, 1315-1319.	1.2	5
67	Relationship between pituitary hormones, antioxidant enzymes, and histopathological changes in the mammary gland of senescent rats. Experimental Gerontology, 1997, 32, 297-304.	1.2	13
68	Effect of the Corticotrophin Releasing Hormone Precursor on Interleukin-6 Release by Human Mononuclear Cells. Clinical Immunology and Immunopathology, 1997, 85, 35-39.	2.1	15
69	Age-dependent prolactin-releasing activity of nucleoproteins. Mechanisms of Ageing and Development, 1996, 89, 103-111.	2.2	1
70	Hormonal modulation of antioxidant enzyme activities in young and old rats. Experimental Gerontology, 1995, 30, 169-175.	1.2	73
71	Quantitative Immunohistochemical Changes in the Endocrine Pancreas of Nonobese Diabetic (NOD) Mice. Pancreas, 1995, 11, 396-401.	0.5	27
72	Reduced ability of hypothalamic and pituitary extracts from old mice to stimulate thymulin secretion in vitro. Mechanisms of Ageing and Development, 1995, 83, 143-154.	2.2	9

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73	In Vitro Studies on the Thymus-Pituitary Axis in Young and Old Rats. Annals of the New York Academy of Sciences, 1994, 741, 108-114.	1.8	9
74	Impact of aging on the morphology and function of the somatotroph cell population in rats. Mechanisms of Ageing and Development, 1993, 70, 45-51.	2.2	9
75	Histones and related preparations interfere with immunoassays for peptide hormones. Peptides, 1993, 14, 777-781.	1.2	9
76	Effects of Growth Hormone and Thyroxine on Thymulin Secretion in Aging Rats. Neuroendocrinology, 1993, 58, 338-343.	1.2	23
77	Thymosin Peptides Stimulate Corticotropin Release by a Calcium-Dependent Mechanism. Neuroendocrinology, 1993, 57, 230-235.	1.2	11
78	In vivo effects of growth hormone on thymus function in aging mice. Brain, Behavior, and Immunity, 1992, 6, 341-354.	2.0	81
79	A comparison between hormone levels and T lymphocyte function in young and old rats. Mechanisms of Ageing and Development, 1991, 61, 275-285.	2.2	15
80	The Immune-Neuroendocrine Homeostatic Network and Aging. Gerontology, 1991, 37, 208-213.	1.4	27
81	Effects of underfeeding and refeeding on GH and thyroid hormone secretion in young, middle-aged, and old rats. Experimental Gerontology, 1990, 25, 447-457.	1.2	22
82	Changes in circulating levels of neuroendocrine and thymic hormones during aging in rats: A correlation study. Experimental Gerontology, 1990, 25, 149-157.	1.2	12
83	Homeostatic Thymus Hormone Stimulates Corticosterone Secretion in a Dose- and Age-Dependent Manner in Rats. Neuroendocrinology, 1990, 51, 59-63.	1.2	36
84	Gonadal function in aging rats and its relation to pituitary and mammary pathology. Mechanisms of Ageing and Development, 1990, 56, 77-88.	2.2	49
85	Changes in somatotropin and thyrotropin secretory patterns in aging rats. Neurobiology of Aging, 1990, 11, 625-630.	1.5	14
86	Differential effect of homeostatic thymus hormone on plasma thyrotropin and growth hormone in young and old rats. Mechanisms of Ageing and Development, 1989, 49, 119-128.	2.2	31
87	Diminished Diurnal Secretion of Corticosterone in Aging Female but Not Male Rats. Gerontology, 1989, 35, 181-187.	1.4	19
88	Differential Activity of Thymosin Peptides (Thymosin Fraction 5) on Plasma Thyrotropin in Female Rats of Different Ages. Neuroendocrinology, 1988, 47, 379-383.	1.2	25
89	Immune-neuroendocrine interactions during aging: Age-dependent thyrotropin-inhibiting activity of thymosin peptides. Mechanisms of Ageing and Development, 1987, 41, 219-227.	2.2	23
90	Growth Hormone Secretory Patterns in Young, Middle-Aged and Old Female Rats. Neuroendocrinology, 1987, 46, 137-142.	1.2	85

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91	Why the neuroendocrine system is important in aging processes. Experimental Gerontology, 1987, 22, 1-15.	1.2	98
92	Half-life of plasma growth hormone in young and old conscious female rats. Experimental Gerontology, 1987, 22, 27-36.	1.2	4
93	Degradation of immunoreactive albumin in young and old conscious female rats. Mechanisms of Ageing and Development, 1986, 37, 69-78.	2.2	1
94	Role of Programmed Cell Death in the Aging Process: An Unexplored Possibility. Gerontology, 1986, 32, 37-42.	1.4	11
95	Changes in chromatin composition associated with hormone-dependent mammary tumor regression. International Journal of Cancer, 1983, 31, 281-284.	2.3	1
96	Effects of Post-Weaning Malnutrition on the Weight of the Head Components in Rats. Cells Tissues Organs, 1983, 115, 231-237.	1.3	7