

Frederick Naftolin

List of Publications by Year in descending order

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61
papers

6,427
citations

147566

31
h-index

189595

50
g-index

61
all docs

61
docs citations

61
times ranked

4396
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual differentiation of the central nervous system. <i>Science</i> , 1981, 211, 1294-1302.	6.0	1,368
2	Unilateral Transplantation of Human Fetal Mesencephalic Tissue into the Caudate Nucleus of Patients with Parkinson's Disease. <i>New England Journal of Medicine</i> , 1992, 327, 1541-1548.	13.9	569
3	Effects of Hormone Therapy on Cognition and Mood in Recently Postmenopausal Women: Findings from the Randomized, Controlled KEEPSâ€œCognitive and Affective Study. <i>PLoS Medicine</i> , 2015, 12, e1001833.	3.9	330
4	Arterial Imaging Outcomes and Cardiovascular Risk Factors in Recently Menopausal Women. <i>Annals of Internal Medicine</i> , 2014, 161, 249.	2.0	274
5	Heterogeneity in the neuropeptide Y-containing neurons of the rat arcuate nucleus: GABAergic and non-GABAergic subpopulations. <i>Brain Research</i> , 1997, 756, 283-286.	1.1	266
6	Glutamic Acid Decarboxylase-Containing Axons Synapse on LHRH Neurons in the Rat Medial Preoptic Area. <i>Neuroendocrinology</i> , 1985, 40, 536-539.	1.2	252
7	Estradiol upregulates Bcl-2 expression in adult brain neurons. <i>NeuroReport</i> , 1998, 9, 593-597.	0.6	244
8	Estrogen Is Essential for Maintaining Nigrostriatal Dopamine Neurons in Primates: Implications for Parkinson's Disease and Memory. <i>Journal of Neuroscience</i> , 2000, 20, 8604-8609.	1.7	244
9	Role of astroglia in estrogen regulation of synaptic plasticity and brain repair. , 1999, 40, 574-584.		234
10	FasL (CD95L, Apo1L) is expressed in the normal rat and human brain: Evidence for the existence of an immunological brain barrier. , 1999, 27, 62-74.		186
11	Estrogen formation in the mammalian brain: Possible role of aromatase in sexual differentiation of the hippocampus and neocortex. <i>Steroids</i> , 1987, 50, 459-474.	0.8	161
12	Natural fluctuation and gonadal hormone regulation of astrocyte immunoreactivity in dentate gyrus. <i>Journal of Neurobiology</i> , 1993, 24, 913-924.	3.7	153
13	Estrogen and microglia: A regulatory system that affects the brain. , 1999, 40, 484-496.		135
14	The catechol estrogens. <i>The Journal of Steroid Biochemistry</i> , 1981, 15, 111-124.	1.3	134
15	Estrogen-regulated developmental neuronal apoptosis is determined by estrogen receptor subtype and the Fas/Fas ligand system. , 2000, 43, 64-78.		129
16	Yolk sac failure in embryopathy due to hyperglycemia: Ultrastructural analysis of yolk sac differentiation associated with embryopathy in rat conceptuses under hyperglycemic conditions. <i>Teratology</i> , 1986, 33, 73-84.	1.8	115
17	Hormonal regulation of K ⁺ -channel messenger RNA in rat myometrium during oestrus cycle and in pregnancy. <i>Nature</i> , 1987, 330, 373-375.	13.7	111
18	Gonadal Steroids Target AMPA Glutamate Receptor-Containing Neurons in the Rat Hypothalamus, Septum and Amygdala: A Morphological and Biochemical Study*. <i>Endocrinology</i> , 1997, 138, 778-789.	1.4	106

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19	The Fas/Fas ligand system: a mechanism for immune evasion in human breast carcinomas. <i>Breast Cancer Research and Treatment</i> , 1999, 54, 245-253.	1.1	87
20	Ultrastructural analysis of malformations of the embryonic neural axis induced by in vitro hyperglycemic conditions. <i>Teratology</i> , 1985, 32, 363-373.	1.8	80
21	Estrogen-Induced Hypothalamic Synaptic Plasticity and Pituitary Sensitization in the Control of the Estrogen-Induced Gonadotrophin Surge. <i>Reproductive Sciences</i> , 2007, 14, 101-116.	1.1	80
22	Fetal neural graft survival. <i>Lancet, The</i> , 1990, 336, 820-822.	6.3	79
23	Transmitter Content and Afferent Connections of Estrogen-Sensitive Progesterin Receptor-Containing Neurons in the Primate Hypothalamus. <i>Neuroendocrinology</i> , 1992, 55, 667-682.	1.2	75
24	The Interactive Language of the Hypothalamus for the Gonadotropin Releasing Hormone (GNRH) System. <i>Journal of Neuroendocrinology</i> , 2003, 9, 569-576.	1.2	73
25	Phytoestrogen Influences on the Development of Behavior and Gonadotropin Function. <i>Experimental Biology and Medicine</i> , 1995, 208, 82-86.	1.1	71
26	Phasic synaptic remodeling of the rat arcuate nucleus during the estrous cycle depends on insulin-like growth factor-I receptor activation. , 1999, 55, 286-292.		67
27	Effects of Oral vs Transdermal Estrogen Therapy on Sexual Function in Early Postmenopause. <i>JAMA Internal Medicine</i> , 2017, 177, 1471.	2.6	59
28	Progesterin receptor-containing cells in guinea pig hypothalamus: Afferent connections, morphological characteristics, and neurotransmitter content. <i>Molecular and Cellular Neurosciences</i> , 1990, 1, 58-77.	1.0	52
29	Monosynaptic Pathway Between the Arcuate Nucleus Expressing Glial Type II Iodothyronine 5 α -Deiodinase mRNA and the Median Eminence-Projective TRH Cells of the Rat Paraventricular Nucleus. <i>Journal of Neuroendocrinology</i> , 2001, 10, 731-742.	1.2	51
30	Luteinizing Hormone-Releasing Hormone and Gamma-Aminobutyric Acid Neurons in the Medial Preoptic Area are Synaptic Targets of Dopamine Axons Originating in Anterior Periventricular Areas. <i>Journal of Neuroendocrinology</i> , 1993, 5, 71-79.	1.2	50
31	Estradiol promotion of changes in the morphology of astroglia growing in culture depends on the expression of polysialic acid of neural membranes. <i>Glia</i> , 1995, 13, 209-216.	2.5	46
32	Longitudinal changes in menopausal symptoms comparing women randomized to low-dose oral conjugated estrogens or transdermal estradiol plus micronized progesterone versus placebo: the Kronos Early Estrogen Prevention Study. <i>Menopause</i> , 2017, 24, 238-246.	0.8	46
33	Improved techniques for collecting motile spermatozoa from human semen.. <i>Journal of Developmental and Physical Disabilities</i> , 1984, 7, 61-70.	3.6	45
34	Gonadal Steroids Target AMPA Glutamate Receptor-Containing Neurons in the Rat Hypothalamus, Septum and Amygdala: A Morphological and Biochemical Study. , 0, .		44
35	Cryopreservation of human brain tissue. <i>Experimental Neurology</i> , 1990, 107, 208-213.	2.0	40
36	Segregation of the intra- and extrahypothalamic neuropeptide Y and catecholaminergic inputs on paraventricular neurons, including those producing thyrotropin-releasing hormone. <i>Regulatory Peptides</i> , 1998, 75-76, 117-126.	1.9	36

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37	Estrogen Synthetase (Aromatase) Immunohistochemistry Reveals Concordance Between Avian and Rodent Limbic Systems and Hypothalami. <i>Experimental Biology and Medicine</i> , 2001, 226, 717-725.	1.1	36
38	Kainate Glutamate Receptors (GluR5-7) in the Rat Arcuate Nucleus: Relationship to Tanycytes, Astrocytes, Neurons and Gonadal Steroid Receptors. <i>Journal of Neuroendocrinology</i> , 2008, 10, 239-247.	1.2	35
39	Aromatase- (estrogen synthetase) immunoreactive neurons in the rat septal area. A light and electron microscopic study. <i>Brain Research</i> , 1994, 664, 85-93.	1.1	28
40	Intraovarian markers of follicular and oocyte maturation. <i>Journal of in Vitro Fertilization and Embryo Transfer: IVF</i> , 1987, 4, 205-217.	0.8	23
41	Psychiatric status after human fetal mesencephalic tissue transplantation in Parkinson's disease. <i>Biological Psychiatry</i> , 1995, 38, 498-505.	0.7	23
42	Pharmacogenomics of estrogens on changes in carotid artery intima-medial thickness and coronary arterial calcification: Kronos Early Estrogen Prevention Study. <i>Physiological Genomics</i> , 2016, 48, 33-41.	1.0	23
43	In vitro development of the mammalian embryo. <i>The Journal of Experimental Zoology</i> , 1983, 228, 235-251.	1.4	21
44	Aromatase and estrogen receptor immunoreactivity in the coronary arteries of monkeys and human subjects. <i>Menopause</i> , 2018, 25, 1201-1207.	0.8	21
45	Improved techniques for separating motile spermatozoa from human semen.. <i>Journal of Developmental and Physical Disabilities</i> , 1984, 7, 71-78.	3.6	20
46	Reproductive Failure due to Experimentally Induced Constant Estrus Does Not Alter the LH-RH Fiber Density in the Median Eminence of the Rat. <i>Neuroendocrinology</i> , 1986, 43, 526-532.	1.2	17
47	Neural Transplantation for Neurodegenerative Diseases: Past, Present, and Futurea. <i>Annals of the New York Academy of Sciences</i> , 1993, 695, 258-266.	1.8	17
48	Heart fat and carotid artery atherosclerosis progression in recently menopausal women: impact of menopausal hormone therapy: The KEEPS trial. <i>Menopause</i> , 2020, 27, 255-262.	0.8	14
49	Continuous Culture of the Postimplantation Rat Conceptus 1. <i>Biology of Reproduction</i> , 1984, 31, 415-426.	1.2	12
50	Prevention during the menopause is critical for good health: skin studies support protracted hormone therapy. <i>Fertility and Sterility</i> , 2005, 84, 293-294.	0.5	11
51	Sex Steroids Block the Initiation of Atherosclerosis. <i>Reproductive Sciences</i> , 2016, 23, 1620-1625.	1.1	9
52	Ultrastructural changes in hypothalamic cells during estrogen-induced gonadotrophin feedback. <i>Methods</i> , 1992, 1, 16-26.	0.5	6
53	AMPA receptors colocalize with neuropeptide-Y- and galanin-containing, but not with dopamine, neurons of the female rat arcuate nucleus: a semiquantitative immunohistochemical colocalization study. <i>Experimental Brain Research</i> , 2000, 133, 532-537.	0.7	6
54	H2-receptor antagonists and sexual differentiation. <i>Gastroenterology</i> , 1984, 87, 248-249.	0.6	5

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55	Interconnections between Neurotransmitter- and Neuropeptide-Containing Neurons Involved in Gonadotrophin Release in the Rat. , 1986, , 177-193.		4
56	Intraovarian Regulation by the Ovarian Renin-Angiotensin System. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1994, 34, 288-292.	0.4	3
57	Electron Microscopic Double and Triple Labeling Immunocytochemistry in Elucidation of Synaptological Interactions between Ovarian Steroid-Sensitive Neurons and Circuits. Methods in Neurosciences, 1994, , 403-434.	0.5	1
58	Atherogenesis: Estrogen Induction of Polysialylated nCAM (PSA-nCAM) Blocks Monocyte Capture by Vascular Endothelial Cells. ISGE Series, 2019, , 233-244.	0.2	0
59	Clinical Effects of Sex Steroids on the Brain. , 2007, , 199-215.		0
60	End-organ metabolism of oestrogens. , 1981, , 115-132.		0
61	Considering the Pathogenesis of Atherosclerosis to Explain CIMT-But Not CAC-Proven Estrogen Atheroprevention in the Elite Trial. Reproductive Medicine for Clinicians, 2018, , 155-161.	0.2	0