Paul E Gottschall

List of Publications by Year
in descending order

66 papers	6,920 citations	57631 44 h-index	118652 62 g-index
66 all docs	66 docs citations	66 times ranked	4766 citing authors

#	Article	IF	Citations
1	Neuronal cells derived from human induced pluripotent stem cells as a functional tool of melanocortin system. Neuropeptides, 2017, 65, 10-20.	0.9	4
2	Hippocampal administration of chondroitinase ABC increases plaque-adjacent synaptic marker and diminishes amyloid burden in aged APPswe/PS1dE9 mice. Acta Neuropathologica Communications, 2015, 3, 54.	2.4	38
3	ADAMTS expression and function in central nervous system injury and disorders. Matrix Biology, 2015, 44-46, 70-76.	1.5	73
4	Altered Synaptic Marker Abundance in the Hippocampal Stratum Oriens of Ts65Dn Mice is Associated with Exuberant Expression of Versican. ASN Neuro, 2012, 4, AN20110037.	1.5	10
5	Selective Decline of Synaptic Protein Levels in the Frontal Cortex of Female Mice Deficient in the Extracellular Metalloproteinase ADAMTS1. PLoS ONE, 2012, 7, e47226.	1.1	20
6	Panel of synaptic protein ELISAs for evaluating neurological phenotype. Experimental Brain Research, 2010, 201, 885-893.	0.7	22
7	Abnormal postâ€translational and extracellular processing of brevican in plaqueâ€bearing mice overâ€expressing APPsw. Journal of Neurochemistry, 2010, 113, 784-795.	2.1	33
8	Trafficking CD11b-Positive Blood Cells Deliver Therapeutic Genes to the Brain of Amyloid-Depositing Transgenic Mice. Journal of Neuroscience, 2010, 30, 9651-9658.	1.7	116
9	Deglycosylated Anti-Aî² Antibody Doseâ€"Response Effects on Pathology and Memory in APP Transgenic Mice. Journal of NeuroImmune Pharmacology, 2008, 3, 187-197.	2.1	22
10	Versican and brevican are expressed with distinct pathology in neonatal hypoxicâ€ischemic injury. Journal of Neuroscience Research, 2008, 86, 1106-1114.	1.3	29
11	Discordant localization of WFA reactivity and brevican/ADAMTS-derived fragment in rodent brain. BMC Neuroscience, 2008, 9, 14.	0.8	48
12	Delayed administration of a matrix metalloproteinase inhibitor limits progressive brain injury after hypoxia-ischemia in the neonatal rat. Journal of Neuroinflammation, 2008, 5, 34.	3.1	56
13	Multimodal signaling by the ADAMTSs (a disintegrin and metalloproteinase with thrombospondin) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	51
14	Adeno-associated Viral (AAV) Serotype 5 Vector Mediated Gene Delivery of Endothelin-converting Enzyme Reduces Aî² Deposits in APP + PS1 Transgenic Mice. Molecular Therapy, 2008, 16, 1580-1586.	3.7	64
15	Intracranial administration of deglycosylated C-terminal-specific anti-Abeta antibody efficiently clears amyloid plaques without activating microglia in amyloid-depositing transgenic mice. Journal of Neuroinflammation, 2006, 3, 11.	3.1	42
16	Deglycosylated Anti-Amyloid-beta Antibodies Eliminate Cognitive Deficits and Reduce Parenchymal Amyloid with Minimal Vascular Consequences in Aged Amyloid Precursor Protein Transgenic Mice. Journal of Neuroscience, 2006, 26, 5340-5346.	1.7	156
17	Altered production and proteolytic processing of brevican by transforming growth factor î² in cultured astrocytes. Journal of Neurochemistry, 2005, 93, 1533-1541.	2.1	41
18	Evidence for proteolytic cleavage of brevican by the ADAMTSs in the dentate gyrus after excitotoxic lesion of the mouse entorhinal cortex. BMC Neuroscience, 2005, 6, 52.	0.8	50

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19	The effect of hypoxicâ€“ischemic brain injury in perinatal rats on the abundance and proteolysis of brevican and NG2. Experimental Neurology, 2005, 193, 149-162.	2.0	27
20	ADAMTS4 (aggrecanase-1) cleaves human brain versican V2 at Glu405-Gln406 to generate glial hyaluronate binding protein. Biochemical Journal, 2004, 377, 787-795.	1.7	95
21	Î²-Amyloid induces the production of active, matrix-degrading proteases in cultured rat astrocytes. Brain Research, 2003, 970, 205-213.	1.1	83
22	Activation of the Proteolytic Activity of ADAMTS4 (Aggrecanase-1) by C-terminal Truncation. Journal of Biological Chemistry, 2002, 277, 11034-11041.	1.6	160
23	Number of AÎ² Inoculations in APP+PS1 Transgenic Mice Influences Antibody Titers, Microglial Activation, and Congophilic Plaque Levels. DNA and Cell Biology, 2001, 20, 731-736.	0.9	90
24	AÎ² peptide vaccination prevents memory loss in an animal model of Alzheimer's disease. Nature, 2000, 408, 982-985.	13.7	1,506
25	Regional and age-related expression of gelatinases in the brains of young and old rats after treatment with kainic acid. Neuroscience Letters, 2000, 295, 9-12.	1.0	39
26	Activated isoforms of MMP-2 are induced in U87 human glioma cells in response to Î²-amyloid peptide. Journal of Neuroscience Research, 1999, 55, 44-53.	1.3	31
27	Activated isoforms of MMP-2 are induced in U87 human glioma cells in response to Î²-amyloid peptide. , 1999, 55, 44.		1
28	Regional and differential expression of gelatinases in rat brain after systemic kainic acid or bicuculline administration. European Journal of Neuroscience, 1998, 10, 3358-3368.	1.2	105
29	Zymographic measurement of gelatinase activity in brain tissue after detergent extraction and affinity-support purification. Journal of Neuroscience Methods, 1997, 76, 15-20.	1.3	108
30	Effects of phenobarbital and interleukin-6 on cytochrome P4502B1 and 2B2 in cultured rat hepatocytes. Biochemical Pharmacology, 1996, 51, 701-706.	2.0	8
31	Î²-amyloid induction of gelatinase B secretion in cultured microglia. NeuroReport, 1996, 7, 3077-3080.	0.6	34
32	Regulation of Matrix Metalloproteinase Expression in Astrocytes, Microglia and Neurons. NeuroImmunoModulation, 1996, 3, 69-75.	0.9	201
33	Increased Production of Matrix Metalloproteinases in Enriched Astrocyte and Mixed Hippocampal Cultures Treated with Î²â€Amyloid Peptides. Journal of Neurochemistry, 1996, 66, 1641-1647.	2.1	140
34	Differential effect of cytokines on the phenobarbital or 3-methylcholanthrene induction of P450 mediated monooxygenase activity in cultured rat hepatocytes. Biochemical Pharmacology, 1995, 49, 97-104.	2.0	63
35	Cytokines Regulate Gelatinase A and B (Matrix Metalloproteinase 2 and 9) Activity in Cultured Rat Astrocytes. Journal of Neurochemistry, 1995, 64, 1513-1520.	2.1	174
36	Regulation of interleukin-6 (IL-6) secretion in primary cultured rat astrocytes: synergism of interleukin-1 (IL-1) and pituitary adenylate cyclase activating polypeptide (PACAP). Brain Research, 1994, 637, 197-203.	1.1	133

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37	Cytochemical characterization of anterior pituitary target cells for the neuropeptide, pituitary adenylate cyclase activating polypeptide (PACAP), using biotinylated ligands. Peptides, 1993, 14, 59-65.	1.2	80
38	Methodological Evaluation of Sites and Mechanisms of Action Involved in Neuroendocrine Effects of Cytokines. Methods in Neurosciences, 1993, , 269-293.	0.5	0
39	Increased Circulating Interleukin-1 and Interleukin-6 after Intracerebroventricular Injection of Lipopolysaccharide. Neuroendocrinology, 1992, 56, 935-938.	1.2	50
40	Increased sensitivity of glioblastoma cells to interleukin 1 after long-term incubation with dexamethasone. Molecular and Cellular Neurosciences, 1992, 3, 49-55.	1.0	9
41	Interleukin-1Î² activation of the central nervous system. , 1992, , 27-49.		12
42	Specific binding sites for pituitary adenylate cyclase activating polypeptide (PACAP) in rat cultured astrocytes: Molecular identification and interaction with vasoactive intestinal peptide (VIP). Peptides, 1991, 12, 617-621.	1.2	60
43	Hypothalamic binding sites for pituitary adenylate cyclase activating polypeptide: characterization and molecular identification 1. FASEB Journal, 1991, 5, 194-199.	0.2	71
44	Neuropeptide Regulation of Interleukin-6 Production from the Pituitary: Stimulation by Pituitary Adenylate Cyclase Activating Polypeptide and Calcitonin Gene-Related Peptide*. Endocrinology, 1991, 129, 1797-1804.	1.4	158
45	Inhibition of Mitogen-Stimulated Proliferation of Murine Splenocytes by a Novel Neuropeptide, Pituitary Adenylate Cyclase Activating Polypeptide: A Comparative Study with Vasoactive Intestinal Peptide*. Endocrinology, 1991, 128, 728-734.	1.4	65
46	Two High Affinity Binding Sites for Pituitary Adenylate Cyclase-Activating Polypeptide Have Different Tissue Distributions*. Endocrinology, 1991, 128, 3055-3065.	1.4	313
47	Effects of Bacterial Endotoxin (Lipopolysaccharide) on FSH-Induced Granulosa Cell Activities. , 1991, , 170-177.		2
48	Characterization and Distribution of Binding Sites for the Hypothalamic Peptide, Pituitary Adenylate Cyclase-Activating Polypeptide*. Endocrinology, 1990, 127, 272-277.	1.4	311
49	Demonstration of specific binding sites for pituitary adenylate cyclase activating polypeptide (PACAP) in rat astrocytes. Biochemical and Biophysical Research Communications, 1990, 168, 1027-1033.	1.0	126
50	Molecular identification of receptor for pituitary adenylate cyclase activating polypeptide. Biochemical and Biophysical Research Communications, 1990, 171, 838-844.	1.0	72
51	INTERLEUKIN-1<i>BETA</i>INCREASES PROSTAGLANDIN E₂IN RAT ASTROCYTE CULTURES: MODULATORY EFFECT OF NEUROPEPTIDES. Endocrinology, 1989, 124, 3125-3127.	1.4	178
52	Interleukin-1 suppresses follicle-stimulating hormone-induced estradiol secretion from cultured ovarian granulosa cells. Journal of Reproductive Immunology, 1989, 15, 281-290.	0.8	47
53	Interleukin-1 beta is more potent than interleukin-1 alpha in supressing follicle-stimulating hormone-induced differentiation of ovarian granulosa cells. Biochemical and Biophysical Research Communications, 1989, 163, 764-770.	1.0	46
54	Identification of a high-affinity receptor for interleukin-1 beta in rat brain. Biochemical and Biophysical Research Communications, 1988, 156, 61-67.	1.0	168

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55	Discordance in the Effects of Interleukin-1 on Rat Granulosa Cell Differentiation Induced by Follicle-Stimulating Hormone or Activators of Adenylate Cyclase1. Biology of Reproduction, 1988, 39, 1074-1085.	1.2	53
56	Adrenocorticotropin Release Induced by Intracerebroventricular Injection of Recombinant Human Interleukin-1 in Rats: Possible Involvement of Prostaglandin*. Endocrinology, 1988, 122, 1773-1779.	1.4	230
57	Interleukin 1: an inhibitor of luteinizing hormone receptor formation in cultured rat granulosa cells. FASEB Journal, 1988, 2, 2492-2496.	0.2	86
58	INTERLEUKIN-1 STIMULATES ACTH RELEASE BY AN INDIRECT ACTION WHICH REQUIRES ENDOGENOUS CORTICOTROPIN RELEASING FACTOR. Endocrinology, 1987, 121, 1580-1582.	1.4	365
59	Interleukin-1 inhibits follicle stimulating hormone-induced differentiation in rat granulosa cells in vitro. Biochemical and Biophysical Research Communications, 1987, 149, 502-509.	1.0	118
60	Stimulation of ACTH release by human interleukin-1Î², but not by interleukin-1Î±, in conscious, freely-moving rats. Biochemical and Biophysical Research Communications, 1987, 146, 1286-1290.	1.0	128
61	Growth Hormone Secretory Patterns in Young, Middle-Aged and Old Female Rats. Neuroendocrinology, 1987, 46, 137-142.	1.2	85
62	Possible recognition of the GnRH receptor by an antiserum against a peptide encoded by nucleotide sequence complementary to mRNA of a GnRH precursor peptide. Peptides, 1986, 7, 1137-1145.	1.2	50
63	Increased secretion of somatostatin-28 from hypothalamic neurons of aged rats in vitro. Brain Research, 1986, 380, 229-234.	1.1	66
64	Evidence for a Permanent Decline in Tuberoinfundibular Dopaminergic Neuronal Function after Chronic Estrogen Treatment Is Terminated in Fischer 344 Rats. Neuroendocrinology, 1986, 44, 211-216.	1.2	13
65	Reduced Tuberoinfundibular Dopaminergic Neuronal Function in Rats with in situ Prolactin-Secreting Pituitary Tumors. Neuroendocrinology, 1984, 38, 498-503.	1.2	34
66	L-Dopa Restores Amplitude of Growth Hormone Pulses in Old Male Rats to That Observed in Young Male Rats. Neuroendocrinology, 1982, 34, 163-168.	1.2	51