

Jeremy B Tuttle

List of Publications by Year in descending order

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62
papers

3,888
citations

136950

32
h-index

128289

60
g-index

64
all docs

64
docs citations

64
times ranked

3085
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin and functional consequences of the complex I defect in Parkinson's disease. <i>Annals of Neurology</i> , 1996, 40, 663-671.	5.3	619
2	The expression and posttranslational modification of a neuron-specific β -tubulin isotype during chick embryogenesis. <i>Cytoskeleton</i> , 1990, 17, 118-132.	4.4	550
3	Calcium Homeostasis and Reactive Oxygen Species Production in Cells Transformed by Mitochondria from Individuals with Sporadic Alzheimer's Disease. <i>Journal of Neuroscience</i> , 1997, 17, 4612-4622.	3.6	247
4	Mechanisms of Disease: the role of nerve growth factor in the pathophysiology of bladder disorders. <i>Nature Reviews Urology</i> , 2006, 3, 101-110.	1.4	177
5	Mitochondria in Sporadic Amyotrophic Lateral Sclerosis. <i>Experimental Neurology</i> , 1998, 153, 135-142.	4.1	159
6	Immunity to Nerve Growth Factor Prevents Afferent Plasticity Following Urinary Bladder Hypertrophy. <i>Journal of Urology</i> , 1996, 155, 379-385.	0.4	142
7	HISTOLOGICAL AND NEUROTROPHIC CHANGES TRIGGERED BY VARYING MODELS OF BLADDER INFLAMMATION. <i>Journal of Urology</i> , 2001, 166, 1111-1118.	0.4	111
8	Neural input regulates tissue NGF and growth of the adult rat urinary bladder. <i>Journal of the Autonomic Nervous System</i> , 1994, 49, 147-158.	1.9	108
9	The spontaneously hypertensive rat: insight into the pathogenesis of irritative symptoms in benign prostatic hyperplasia and young anxious males. <i>Experimental Physiology</i> , 1999, 84, 137-147.	2.0	104
10	Adenosine Formation and Release by Embryonic Chick Neurons and Glia in Cell Culture. <i>Journal of Neurochemistry</i> , 1989, 53, 1852-1860.	3.9	90
11	Neurally mediated hyperactive voiding in spontaneously hypertensive rats. <i>Brain Research</i> , 1998, 790, 151-159.	2.2	77
12	Spinal and peripheral mechanisms contributing to hyperactive voiding in spontaneously hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1366-R1373.	1.8	77
13	MPP+ induced apoptotic cell death in SH-SY5Y neuroblastoma cells: An electron microscope study. , 1997, 48, 226-237.		76
14	The role of corticotropin releasing factor and its antagonist, astressin, on micturition in the rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 123, 26-35.	2.8	75
15	Long-term survival and development of dissociated parasympathetic neurons in culture. <i>Brain Research</i> , 1980, 183, 161-180.	2.2	68
16	Chronic reduction in complex I function alters calcium signaling in SH-SY5Y neuroblastoma cells. <i>Brain Research</i> , 2001, 891, 94-105.	2.2	68
17	Stretch-activated signaling of nerve growth factor secretion in bladder and vascular smooth muscle cells from hypertensive and hyperactive rats. <i>Journal of Cellular Physiology</i> , 2000, 183, 289-300.	4.1	60
18	Brain-derived growth factor and glial cell line-derived growth factor use distinct intracellular signaling pathways to protect PD cybrids from HO-induced neuronal death. <i>Neurobiology of Disease</i> , 2005, 20, 141-154.	4.4	58

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19	Endogenous oxidative stress in sporadic Alzheimer's disease neuronal cybrids reduces viability by increasing apoptosis through pro-death signaling pathways and is mimicked by oxidant exposure of control cybrids. <i>Neurobiology of Disease</i> , 2005, 19, 312-322.	4.4	57
20	Altered intracellular signaling and reduced viability of Alzheimer's disease neuronal cybrids is reproduced by β -amyloid peptide acting through receptor for advanced glycation end products (RAGE). <i>Molecular and Cellular Neurosciences</i> , 2005, 29, 333-343.	2.2	55
21	PERSISTENTLY INCREASED VOIDING FREQUENCY DESPITE RELIEF OF BLADDER OUTLET OBSTRUCTION. <i>Journal of Urology</i> , 1999, 161, 1689-1693.	0.4	54
22	Receptor-Mediated Stimulation and Inhibition of Nerve Growth Factor Secretion by Vascular Smooth Muscle. <i>Experimental Cell Research</i> , 1993, 208, 350-361.	2.6	53
23	Fiberoptic Imaging of Cavernous Nerves In Vivo. <i>Journal of Urology</i> , 2007, 178, 2694-2700.	0.4	52
24	Methylpyridinium (MPP+)- and nerve growth factor-induced changes in pro- and anti-apoptotic signaling pathways in SH-SY5Y neuroblastoma cells. <i>Brain Research</i> , 2002, 952, 98-110.	2.2	50
25	Differential Distribution of Purine Metabolizing Enzymes Between Glia and Neurons. <i>Journal of Neurochemistry</i> , 1994, 62, 1144-1153.	3.9	44
26	Efferent and afferent neuronal hypertrophy associated with micturition pathways in spontaneously hypertensive rats. , 1997, 16, 293-303.		43
27	Altered regulation of bladder nerve growth factor and neurally mediated hyperactive voiding. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1279-R1286.	1.8	42
28	Spatial association of renin-containing cells and nerve fibers in developing rat kidney. <i>Pediatric Nephrology</i> , 1991, 5, 690-695.	1.7	39
29	Activation of p38 and N-acetylcysteine-sensitive c-Jun NH2-terminal kinase signaling cascades is required for induction of apoptosis in Parkinson's disease cybrids. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 452-461.	2.2	39
30	Regulation of Nerve Growth Factor Secretion in Smooth Muscle Cells Cultured from Rat Bladder Body, Base and Urethra. <i>Journal of Urology</i> , 1997, 157, 2000-2006.	0.4	38
31	Nerve growth factor responsiveness of cultured major pelvic ganglion neurons from the adult rat. <i>Brain Research</i> , 1992, 588, 29-40.	2.2	36
32	NGF, bFGF AND CNTF increase survival of major pelvic ganglion neurons cultured from the adult rat. <i>Neuroscience Letters</i> , 1994, 173, 94-98.	2.1	36
33	Mechanisms of Increased NGF Production in Vascular Smooth Muscle of the Spontaneously Hypertensive Rat. <i>Experimental Cell Research</i> , 1998, 241, 186-193.	2.6	36
34	Altered neural control of micturition in the aged F344 rat. <i>Urological Research</i> , 2000, 28, 348-354.	1.5	34
35	ALTERED NGF REGULATION MAY LINK A GENETIC PREDISPOSITION FOR HYPERTENSION WITH HYPERACTIVE VOIDING. <i>Journal of Urology</i> , 1999, 161, 1372-1377.	0.4	33
36	Increased nerve growth factor mRNA stability may underlie elevated nerve growth factor secretion from hypertensive vascular smooth muscle cells. <i>Molecular Brain Research</i> , 1998, 62, 167-174.	2.3	28

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37	Nerve growth factor attenuates oxidant-induced β -amyloid neurotoxicity in sporadic Alzheimer's disease hybrids. <i>Journal of Neurochemistry</i> , 2010, 114, 1605-1618.	3.9	23
38	The Neuronal Response to Bladder Outlet Obstruction, a Role for NGF. <i>Advances in Experimental Medicine and Biology</i> , 1995, 385, 41-54.	1.6	22
39	Arterial Nerve Growth Factor (NGF) mRNA, Protein, and Vascular Smooth Muscle Cell NGF Secretion in Hypertensive and Hyperactive Rats. <i>Experimental Cell Research</i> , 1998, 244, 196-205.	2.6	21
40	Ionic excitation of a clone of mouse neuroblastoma. <i>Brain Research</i> , 1975, 84, 129-135.	2.2	20
41	Target influences on [3H]ACh synthesis and release by ciliary ganglion neurons in vitro. <i>Developmental Biology</i> , 1983, 97, 255-263.	2.0	20
42	ALTERED SIGNALLING IN VASCULAR SMOOTH MUSCLE FROM SPONTANEOUSLY HYPERTENSIVE RATS MAY LINK MEDIAL HYPERTROPHY, VESSEL HYPERINNERVATION AND ELEVATED NERVE GROWTH FACTOR. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, S117-S119.	1.9	19
43	Synergistic increase in nerve growth factor secretion by cultured vascular smooth muscle cells treated with injury-related growth factors. , 1997, 47, 277-286.		16
44	Mitochondrial DNA-depleted neuroblastoma (Rho ⁻) cells exhibit altered calcium signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2000, 1496, 341-355.	4.1	16
45	ACTIVATION OF THE TRANSCRIPTION FACTORS NUCLEAR FACTOR- κ B AND ACTIVATOR PROTEIN-1 IN BLADDER SMOOTH MUSCLE EXPOSED TO OUTLET OBSTRUCTION AND MECHANICAL STRETCHING. <i>Journal of Urology</i> , 2001, 165, 633-639.	0.4	16
46	Pharmacology of Nerve Growth Factor Output by Target Cells. <i>Annals of the New York Academy of Sciences</i> , 1993, 692, 273-276.	3.8	13
47	[3H]acetylcholine synthesis in cultured ciliary ganglion neurons: Effects of myotube membranes. <i>Developmental Biology</i> , 1987, 119, 290-298.	2.0	12
48	Diphenylhydantoin inhibits ionic excitation of mouse neuroblastoma cells. <i>Brain Research</i> , 1975, 99, 209-212.	2.2	9
49	Fiberoptic imaging for urologic surgery. <i>Current Urology Reports</i> , 2009, 10, 60-64.	2.2	6
50	Immunity to Nerve Growth Factor Prevents Afferent Plasticity Following Urinary Bladder Hypertrophy. <i>Journal of Urology</i> , 1996, , 379-385.	0.4	5
51	HISTOLOGICAL AND NEUROTROPHIC CHANGES TRIGGERED BY VARYING MODELS OF BLADDER INFLAMMATION. <i>Journal of Urology</i> , 2001, , 1111-1118.	0.4	5
52	Soluble and membrane-bound factors together account for target dependence of cultured parasympathetic neurons. <i>Developmental Brain Research</i> , 1990, 56, 281-289.	1.7	4
53	Calcium homeostasis and nerve growth factor secretion from vascular and bladder smooth muscle cells. <i>Cell and Tissue Research</i> , 2000, 299, 201-211.	2.9	4
54	New Tools to Study Bladder Dysfunction. <i>Journal of Urology</i> , 2010, 183, 423-424.	0.4	4

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55	PERSISTENTLY INCREASED VOIDING FREQUENCY DESPITE RELIEF OF BLADDER OUTLET OBSTRUCTION. Journal of Urology, 1999, , 1689-1693.	0.4	4
56	NERVE GROWTH FACTOR, VESSEL INNERVATION AND HYPERTENSIVE PROGRESSION IN THE INBRED DAHL SS/Jr AND SR/Jr RATS. Clinical and Experimental Pharmacology and Physiology, 1995, 22, S23-S25.	1.9	3
57	1342: Increased Excitability of Voltage-Gated Sodium Channels in a Rat Model of Bladder Outlet Obstruction. Journal of Urology, 2004, 171, 353-354.	0.4	3
58	ALTERED NGF REGULATION MAY LINK A GENETIC PREDISPOSITION FOR HYPERTENSION WITH HYPERACTIVE VOIDING. Journal of Urology, 1999, , 1372-1377.	0.4	3
59	Editorial: Spontaneous Contractile Activity in Rat Bladder. Journal of Urology, 2003, 170, 280-280.	0.4	1
60	Blockade of angiotensin II and aging: is the spontaneously hypertensive rat a suitable model?. Journal of Hypertension, 2006, 24, 27.	0.5	1
61	ACTIVATION OF THE TRANSCRIPTION FACTORS AP-1 AND NF kappa B IN RESPONSE TO BLADDER OUTLET OBSTRUCTION AND MECHANICAL STRETCH. Journal of Urology, 1999, , 39.	0.4	1
62	Mitochondrial impact on nerve growth factor production in vascular smooth muscle-derived cells. Biochimica Et Biophysica Acta - General Subjects, 1999, 1473, 305-320.	2.4	0