Norton H Neff

List of Publications by Year in Descending Order

68 papers	2,585 citations	32 h-index	49 g-index
68 ext. papers	2,661 ext. citations	4.7 avg, IF	4.43 L-index

#	Paper	IF	Citations
68	GM1 ganglioside enhances Ret signaling in striatum. *Journal of Neurochemistry*, **2014**, 130, 541-54	6	18
67	CREB involvement in the regulation of striatal prodynorphin by nicotine. *Psychopharmacology*, **2012** , 221, 143-53	4.7	9
66	The golden years: a tribute to Erminio Costa. *Pharmacological Research*, **2011**, 64, 350-8	10.2	1
65	Nicotine and endogenous opioids: neurochemical and pharmacological evidence. *Neuropharmacology*, **2011**, 60, 1209-20	5.5	70
64	Desensitization of 🛮opioid receptors in nucleus accumbens during nicotine withdrawal. *Psychopharmacology*, **2011**, 213, 735-44	4.7	18
63	Enhanced dopamine transporter function in striatum during nicotine withdrawal. *Synapse*, **2011**, 65, 91-8	2.4	16
62	Aromatic L-amino acid decarboxylase phosphorylation and activation by PKGIalpha in vitro. *Journal of Neurochemistry*, **2010**, 114, 542-52	6	7
61	Nicotine withdrawal and kappa-opioid receptors. *Psychopharmacology*, **2010**, 210, 221-9	4.7	13
60	Acute nicotine changes dynorphin and prodynorphin mRNA in the striatum. *Psychopharmacology*, **2009**, 201, 507-16	4.7	39
59	Increased expression of VMAT2 in dopaminergic neurons during nicotine withdrawal. *Neuroscience Letters*, **2009**, 467, 182-6	3.3	16
58	GM1-induced activation of phosphatidylinositol 3-kinase: involvement of Trk receptors. *Journal of Neurochemistry*, **2008**, 104, 1466-77	6	37
57	Enhancing aromatic L-amino acid decarboxylase activity: implications for L-DOPA treatment in Parkinson's disease. *CNS Neuroscience and Therapeutics*, **2008**, 14, 340-51	6.8	46
56	Dynorphin and prodynorphin mRNA changes in the striatum during nicotine withdrawal. *Synapse*, **2008**, 62, 448-55	2.4	34
55	Clozapine modulates aromatic L-amino acid decarboxylase activity in mouse striatum. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 317, 480-7	4.7	17
54	GM1 and ERK signaling in the aged brain. *Brain Research*, **2005**, 1054, 125-34	3.7	37
53	Enhanced dopamine uptake in the striatum following repeated restraint stress. *Synapse*, **2005**, 57, 167-74	2.4	26
52	Sciatic nerve axotomy in aged rats: response of motoneurons and the effect of GM1 ganglioside treatment. *Brain Research*, **2003**, 968, 44-53	3.7	13

51	Proton magnetic resonance imaging and spectroscopy identify metabolic changes in the striatum in the MPTP feline model of parkinsonism. *Experimental Neurology*, **2003**, 179, 159-66	5.7	40
50	GM1 ganglioside induces phosphorylation and activation of Trk and Erk in brain. *Journal of Neurochemistry*, **2002**, 81, 696-707	6	117
49	Met-enkephalin and preproenkephalin mRNA changes in the striatum of the nicotine abstinence mouse. *Neuroscience Letters*, **2002**, 325, 67-71	3.3	40
48	Motoric behavior in aged rats treated with GM1. *Brain Research*, **2001**, 906, 92-100	3.7	12
47	Phosphorylation and activation of brain aromatic L-amino acid decarboxylase by cyclic AMP-dependent protein kinase. *Journal of Neurochemistry*, **2000**, 75, 725-31	6	19
46	GM1 ganglioside restores abnormal responses to acute thermal and mechanical stimuli in aged rats. *Brain Research*, **2000**, 858, 380-5	3.7	16
45	Retinal cholinergic and dopaminergic deficits of aged rats are improved following treatment with GM1 ganglioside. *Brain Research*, **2000**, 877, 1-6	3.7	4
44	Glutamate receptors participate in the nicotine-induced changes of met-enkephalin in striatum. *Brain Research*, **2000**, 878, 72-8	3.7	12
43	Nerve growth factor (NGF) and NGF mRNA change in rat uterus during pregnancy. *Neuroscience Letters*, **2000**, 294, 58-62	3.3	33
42	Tyrosine hydroxylase, aromatic L-amino acid decarboxylase and dopamine metabolism after chronic treatment with dopaminergic drugs. *Brain Research*, **1999**, 830, 237-45	3.7	28
41	Nicotine abstinence in the mouse. *Brain Research*, **1999**, 850, 189-96	3.7	78
40	Decreased neuropeptide content in the spinal cord of aged rats: the effect of GM1 ganglioside. *NeuroReport*, **1999**, 10, 513-6	1.7	8
39	GM1 and the aged brain. *Annals of the New York Academy of Sciences*, **1998**, 845, 225-31	6.5	5
38	GM1 ganglioside: in vivo and in vitro trophic actions on central neurotransmitter systems. *Journal of Neurochemistry*, **1998**, 70, 1335-45	6	75
37	GM1 increases the content and mRNA of NGF in the brain of aged rats. *NeuroReport*, **1997**, 8, 3823-7	1.7	17
36	Regulation of tyrosine hydroxylase and aromatic L-amino acid decarboxylase by dopaminergic drugs. *European Journal of Pharmacology*, **1997**, 323, 149-57	5.3	54
35	GM1 ganglioside improves spatial learning and memory of aged rats. *Behavioural Brain Research*, **1997**, 85, 203-11	3.4	33
34	Cholinergic deficits in aged rat spinal cord: restoration by GM1 ganglioside. *Brain Research*, **1997**, 761, 250-6	3.7	12

33	D2 dopamine receptor antisense increases the activity and mRNA of tyrosine hydroxylase and aromatic l-amino acid decarboxylase in mouse brain. *Neuroscience Letters*, **1996**, 217, 105-108	3.3	5
32	Modulation of tyrosine hydroxylase and aromatic L-amino acid decarboxylase after inhibiting monoamine oxidase-A. *European Journal of Pharmacology*, **1996**, 314, 51-9	5.3	17
31	Tyrosine hydroxylase and aromatic L-amino acid decarboxylase in mesencephalic cultures after MPP+: the consequences of treatment with GM1 ganglioside. *Brain Research*, **1996**, 742, 260-4	3.7	6
30	Preproenkephalin mRNA and methionine-enkephalin content are increased in mouse striatum after treatment with nicotine. *Journal of Neurochemistry*, **1995**, 64, 1878-83	6	58
29	Dizocilpine enhances striatal tyrosine hydroxylase and aromatic L-amino acid decarboxylase activity. *European Journal of Pharmacology*, **1995**, 289, 97-101		32
28	Trophic Factors and GM1 Ganglioside in the Basal Ganglia **1994**, 225-234		
27	Epidermal growth factor enhances striatal dopaminergic parameters in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated mouse. *Journal of Neurochemistry*, **1991**, 57, 479-82	6	82
26	Aromatic L-amino acid decarboxylase is modulated by D1 dopamine receptors in rat retina. *Journal of Neurochemistry*, **1990**, 54, 787-91	6	70
25	Hypoxia-induced neurotransmitter deficits in neonatal rats are partially corrected by exogenous GM1 ganglioside. *Journal of Neurochemistry*, **1990**, 55, 864-9	6	22
24	Differential recovery of dopamine synthetic enzymes following MPTP and the consequences of GM1 ganglioside treatment. *European Journal of Pharmacology*, **1990**, 181, 137-9	5.3	20
23	Modulation of dopamine metabolism in the retina via dopamine D2 receptors. *Brain Research*, **1990**, 533, 20-3	3.7	10
22	Modulation of retinal aromatic L-amino acid decarboxylase via alpha 2 adrenoceptors. *Journal of Neurochemistry*, **1989**, 52, 647-52	6	56
21	Aromatic L-amino acid decarboxylase activity of the rat retina is modulated in vivo by environmental light. *Journal of Neurochemistry*, **1988**, 51, 1560-4	6	68
20	MPP+ depletes retinal dopamine and induces D-1 receptor supersensitivity. *European Journal of Pharmacology*, **1988**, 148, 453-5	5.3	15
19	1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and free radicals in vitro. *Biochemical Pharmacology*, **1988**, 37, 4573-4	6	124
18	1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) accelerates the accumulation of lipofuscin in mouse adrenal gland. *Neuroscience Letters*, **1987**, 83, 1-6	3.3	5
17	1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) treatment decreases dopamine and increases lipofuscin in mouse retina. *Neuroscience Letters*, **1986**, 72, 221-6	3.3	37
16	Photoaffinity labeling of the GABAA receptor with [3H]muscimol. *Journal of Neurochemistry*, **1985**, 44, 916-21	6	29

15	Exposure to light accelerates the formation of dopamine from exogenous L-dopa in the rat retina. *Journal of Ocular Pharmacology and Therapeutics*, **1985**, 1, 177-81	2.6	10
14	Chemical mechanisms for photoaffinity labeling of receptors. *Biochemical Pharmacology*, **1985**, 34, 2821-6	6	36
13	Chronic treatment with diisopropylfluorophosphate increases dopamine turnover in the striatum of the rat. *European Journal of Pharmacology*, **1984**, 106, 607-11	5.3	20
12	Activation of dopamine-containing amacrine cells of retina: light-induced increase of acidic dopamine metabolites. *Brain Research*, **1983**, 260, 125-7	3.7	66
11	Minireview. Evidence that dopamine is a neurotransmitter in peripheral tissues. *Life Sciences*, **1983**, 32, 1665-74	6.8	37
10	Muscarinic receptors modulate dopamine-activated adenylate cyclase of rat striatum. *Journal of Neurochemistry*, **1983**, 41, 1364-9	6	32
9	Epinephrine: a potential neurotransmitter in retina. *Journal of Neurochemistry*, **1983**, 41, 1440-4	6	113
8	Catabolism of endogenous dopamine in peripheral tissues: is there an independent role for dopamine in peripheral neurotransmission?. *Journal of Neurochemistry*, **1982**, 38, 1453-8	6	36
7	Cyclobenzaprine: a possible mechanism of action for its muscle relaxant effect. *Canadian Journal of Physiology and Pharmacology*, **1981**, 59, 37-44	2.4	35
6	Current status of dopamine in the mammalian spinal cord. *Biochemical Pharmacology*, **1979**, 28, 1569-73	6	79
5	DOPAMINERGIC AND NORADRENERGIC NEURONS IN SPINAL CORD: FUNCTIONAL IMPLICATIONS **1979**, 1339-1341		
4	Differentiation of dopaminergic and noradrenergic neurons in rat spinal cord. *Journal of Neurochemistry*, **1978**, 30, 1095-9	6	118
3	A new projection from locus coeruleus to the spinal ventral columns: histochemical and biochemical evidence. *Brain Research*, **1978**, 148, 207-13	3.7	167
2	Fluorometric estimation of 4-hydroxy-3-methoxyphenylethyleneglycol sulphate in brain. *British Journal of Pharmacology*, **1972**, 45, 435-41	8.6	157
1	The Use of Selective Monoamine Oxidase Inhibitor Drugs for Evaluating Pharmacological and Physiological Mechanisms. *Novartis Foundation Symposium*,163-179		3