Michael F Salvatore

List of Publications by Citations

33 papers	1,078 citations	20 h-index	32 g-index
36 ext. papers	1,203 ext. citations	5.1 avg, IF	4.22 L-index

#	Paper	IF	Citations
33	Point source concentration of GDNF may explain failure of phase II clinical trial. *Experimental Neurology*, **2006**, 202, 497-505	5.7	199
32	Striatal GDNF administration increases tyrosine hydroxylase phosphorylation in the rat striatum and substantia nigra. *Journal of Neurochemistry*, **2004**, 90, 245-54	6	85
31	Depolarization-stimulated catecholamine biosynthesis: involvement of protein kinases and tyrosine hydroxylase phosphorylation sites in situ. *Journal of Neurochemistry*, **2001**, 79, 349-60	6	80
30	Chronic methamphetamine exposure produces a delayed, long-lasting memory deficit. *Synapse*, **2013**, 67, 245-57	2.4	57
29	Decreased plasma membrane expression of striatal dopamine transporter in aging. *Neurobiology of Aging*, **2003**, 24, 1147-54	5.6	54
28	Ceftriaxone increases glutamate uptake and reduces striatal tyrosine hydroxylase loss in 6-OHDA Parkinsonís model. *Molecular Neurobiology*, **2014**, 49, 1282-92	6.2	52
27	Aging reveals a role for nigral tyrosine hydroxylase ser31 phosphorylation in locomotor activity generation. *PLoS ONE*, **2009**, 4, e8466	3.7	48
26	Dichotomy of tyrosine hydroxylase and dopamine regulation between somatodendritic and terminal field areas of nigrostriatal and mesoaccumbens pathways. *PLoS ONE*, **2012**, 7, e29867	3.7	41
25	Dopamine transporter loss in 6-OHDA Parkinsonís model is unmet by parallel reduction in dopamine uptake. *PLoS ONE*, **2012**, 7, e52322	3.7	38
24	Social enrichment attenuates nigrostriatal lesioning and reverses motor impairment in a progressive 1-methyl-2-phenyl-1,2,3,6-tetrahydropyridine (MPTP) mouse model of Parkinsonís disease. *Neurobiology of Disease*, **2012**, 45, 1051-67	7.5	36
23	Reduced plasma membrane surface expression of GLAST mediates decreased glutamate regulation in the aged striatum. *Neurobiology of Aging*, **2007**, 28, 1737-48	5.6	34
22	Regulation of Tyrosine Hydroxylase Expression and Phosphorylation in Dopamine Transporter-Deficient Mice. *ACS Chemical Neuroscience*, **2016**, 7, 941-51	5.7	31
21	Neurochemical investigations of dopamine neuronal systems in iron-regulatory protein 2 (IRP-2) knockout mice. *Molecular Brain Research*, **2005**, 139, 341-7		27
20	Bilateral effects of unilateral GDNF administration on dopamine- and GABA-regulating proteins in the rat nigrostriatal system. *Experimental Neurology*, **2009**, 219, 197-207	5.7	26
19	ser31 Tyrosine hydroxylase phosphorylation parallels differences in dopamine recovery in nigrostriatal pathway following 6-OHDA lesion. *Journal of Neurochemistry*, **2014**, 129, 548-58	6	25
18	Nigral GFR1 infusion in aged rats increases locomotor activity, nigral tyrosine hydroxylase, and dopamine content in synchronicity. *Molecular Neurobiology*, **2013**, 47, 988-99	6.2	25
17	Comprehensive profiling of dopamine regulation in substantia nigra and ventral tegmental area. *Journal of Visualized Experiments*, **2012**,	1.6	25

List of Publications

16	Ceftriaxone reduces L-dopa-induced dyskinesia severity in 6-hydroxydopamine parkinsonian disease model. *Movement Disorders*, **2017**, 32, 1547-1556	7	23
15	Transient striatal GLT-1 blockade increases EAAC1 expression, glutamate reuptake, and decreases tyrosine hydroxylase phosphorylation at ser(19). *Experimental Neurology*, **2012**, 234, 428-36	5.7	23
14	Dissociation of Striatal Dopamine and Tyrosine Hydroxylase Expression from Aging-Related Motor Decline: Evidence from Calorie Restriction Intervention. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2017**, 73, 11-20	6.4	21
13	Biphasic dopamine regulation in mesoaccumbens pathway in response to non-contingent binge and escalating methamphetamine regimens in the Wistar rat. *Psychopharmacology*, **2011**, 215, 513-26	4.7	19
12	Initiation of calorie restriction in middle-aged male rats attenuates aging-related motoric decline and bradykinesia without increased striatal dopamine. *Neurobiology of Aging*, **2016**, 37, 192-207	5.6	16
11	Exercise-Mediated Increase in Nigral Tyrosine Hydroxylase Is Accompanied by Increased Nigral GFR-α1 and EAAC1 Expression in Aging Rats. *ACS Chemical Neuroscience*, **2016**, 7, 227-39	5.7	14
10	Norepinephrine transporter inhibition with desipramine exacerbates L-DOPA-induced dyskinesia: role for synaptic dopamine regulation in denervated nigrostriatal terminals. *Molecular Pharmacology*, **2014**, 86, 675-85	4.3	12
9	GFR α1 receptor expression in the aging nigrostriatal and mesoaccumbens pathways. *Journal of Neurochemistry*, **2010**, 115, 707-15	6	12
8	Tyrosine Hydroxylase Inhibition in Substantia Nigra Decreases Movement Frequency. *Molecular Neurobiology*, **2019**, 56, 2728-2740	6.2	11
7	Getting to compliance in forced exercise in rodents: a critical standard to evaluate exercise impact in aging-related disorders and disease. *Journal of Visualized Experiments*, **2014**,	1.6	10
6	Bilateral effects of unilateral intrastriatal GDNF on locomotor-excited and nonlocomotor-related striatal neurons in aged F344 rats. *Neurobiology of Aging*, **2007**, 28, 156-65	5.6	10
5	Aging-related limit of exercise efficacy on motor decline. *PLoS ONE*, **2017**, 12, e0188538	3.7	8
4	Constitutive Ret signaling leads to long-lasting expression of amphetamine-induced place conditioning via elevation of mesolimbic dopamine. *Neuropharmacology*, **2018**, 128, 221-230	5.5	5
3	Prolonged increase in ser31 tyrosine hydroxylase phosphorylation in substantia nigra following cessation of chronic methamphetamine. *NeuroToxicology*, **2018**, 67, 121-128	4.4	4
2	GFR-α1 Expression in Substantia Nigra Increases Bilaterally Following Unilateral Striatal GDNF in Aged Rats and Attenuates Nigral Tyrosine Hydroxylase Loss Following 6-OHDA Nigrostriatal Lesion. *ACS Chemical Neuroscience*, **2019**, 10, 4237-4249	5.7	2
1	Cardiovascular Metrics Associated With Prevention of Aging-Related Parkinsonian Signs Following Exercise Intervention in Sedentary Older Rats.. *Frontiers in Aging Neuroscience*, **2021**, 13, 775355	5.3	0