# Michael F Salvatore

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | 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 |
| 32 | 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 |
| 31 | Tyrosine Hydroxylase Inhibition in Substantia Nigra Decreases Movement Frequency. *Molecular Neurobiology*, **2019**, 56, 2728-2740 | 6.2 | 11 |
| 30 | 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 |
| 29 | Prolonged increase in ser31 tyrosine hydroxylase phosphorylation in substantia nigra following cessation of chronic methamphetamine. *NeuroToxicology*, **2018**, 67, 121-128 | 4.4 | 4 |
| 28 | Ceftriaxone reduces L-dopa-induced dyskinesia severity in 6-hydroxydopamine parkinsonâs disease model. *Movement Disorders*, **2017**, 32, 1547-1556 | 7 | 23 |
| 27 | 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 |
| 26 | Aging-related limit of exercise efficacy on motor decline. *PLoS ONE*, **2017**, 12, e0188538 | 3.7 | 8 |
| 25 | 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 |
| 24 | 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 |
| 23 | Regulation of Tyrosine Hydroxylase Expression and Phosphorylation in Dopamine Transporter-Deficient Mice. *ACS Chemical Neuroscience*, **2016**, 7, 941-51 | 5.7 | 31 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | Ceftriaxone increases glutamate uptake and reduces striatal tyrosine hydroxylase loss in 6-OHDA Parkinsonâs model. *Molecular Neurobiology*, **2014**, 49, 1282-92 | 6.2 | 52 |
| 18 | Chronic methamphetamine exposure produces a delayed, long-lasting memory deficit. *Synapse*, **2013**, 67, 245-57 | 2.4 | 57 |
| 17 | Nigral GFRα1 infusion in aged rats increases locomotor activity, nigral tyrosine hydroxylase, and dopamine content in synchronicity. *Molecular Neurobiology*, **2013**, 47, 988-99 | 6.2 | 25 |

# List of Publications

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|---|---|---|---|
| 16 | 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 |
| 15 | Dopamine transporter loss in 6-OHDA Parkinsonís model is unmet by parallel reduction in dopamine uptake. *PLoS ONE*, **2012**, 7, e52322 | 3.7 | 38 |
| 14 | 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 |
| 13 | Comprehensive profiling of dopamine regulation in substantia nigra and ventral tegmental area. *Journal of Visualized Experiments*, **2012**, | 1.6 | 25 |
| 12 | 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 |
| 11 | 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 |
| 10 | GFR 1 receptor expression in the aging nigrostriatal and mesoaccumbens pathways. *Journal of Neurochemistry*, **2010**, 115, 707-15 | 6 | 12 |
| 9 | 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 |
| 8 | Aging reveals a role for nigral tyrosine hydroxylase ser31 phosphorylation in locomotor activity generation. *PLoS ONE*, **2009**, 4, e8466 | 3.7 | 48 |
| 7 | 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 |
| 6 | 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 |
| 5 | Point source concentration of GDNF may explain failure of phase II clinical trial. *Experimental Neurology*, **2006**, 202, 497-505 | 5.7 | 199 |
| 4 | Neurochemical investigations of dopamine neuronal systems in iron-regulatory protein 2 (IRP-2) knockout mice. *Molecular Brain Research*, **2005**, 139, 341-7 | | 27 |
| 3 | Striatal GDNF administration increases tyrosine hydroxylase phosphorylation in the rat striatum and substantia nigra. *Journal of Neurochemistry*, **2004**, 90, 245-54 | 6 | 85 |
| 2 | Decreased plasma membrane expression of striatal dopamine transporter in aging. *Neurobiology of Aging*, **2003**, 24, 1147-54 | 5.6 | 54 |
| 1 | Depolarization-stimulated catecholamine biosynthesis: involvement of protein kinases and tyrosine hydroxylase phosphorylation sites in situ. *Journal of Neurochemistry*, **2001**, 79, 349-60 | 6 | 80 |