

# Jay S Schneider

## List of Publications by Citations

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129  
papers

6,199  
citations

43  
h-index

74  
g-index

130  
ext. papers

6,822  
ext. citations

5.1  
avg. IF

5.98  
L-index

#	Paper	IF	Citations
129	Lead neurotoxicity in children: basic mechanisms and clinical correlates. <i>Brain</i> , <b>2003</b> , 126, 5-19	11.2	726
128	Manganese: recent advances in understanding its transport and neurotoxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 221, 131-47	4.6	461
127	The neurobiological basis of cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , <b>2014</b> , 29, 634-50	7	209
126	Chronic exposure to low doses of MPTP. I. Cognitive deficits in motor asymptomatic monkeys. <i>Brain Research</i> , <b>1990</b> , 519, 122-8	3.7	209
125	Recovery from experimental parkinsonism in primates with GM1 ganglioside treatment. <i>Science</i> , <b>1992</b> , 256, 843-6	33.3	157
124	Effect of creatine monohydrate on clinical progression in patients with Parkinson disease: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 313, 584-93	27.4	153
123	Nigrostriatal dopamine system dysfunction and subtle motor deficits in manganese-exposed non-human primates. <i>Experimental Neurology</i> , <b>2006</b> , 202, 381-90	5.7	150
122	Impairment of nigrostriatal dopamine neurotransmission by manganese is mediated by pre-synaptic mechanism(s): implications to manganese-induced parkinsonism. <i>Journal of Neurochemistry</i> , <b>2008</b> , 107, 1236-47	6	121
121	GM1 ganglioside in Parkinson's disease: Results of a five year open study. <i>Journal of the Neurological Sciences</i> , <b>2010</b> , 292, 45-51	3.2	107
120	A randomized, controlled, delayed start trial of GM1 ganglioside in treated Parkinson's disease patients. <i>Journal of the Neurological Sciences</i> , <b>2013</b> , 324, 140-8	3.2	99
119	Increased APLP1 expression and neurodegeneration in the frontal cortex of manganese-exposed non-human primates. <i>Journal of Neurochemistry</i> , <b>2008</b> , 105, 1948-59	6	96
118	Chronic exposure to low doses of MPTP. II. Neurochemical and pathological consequences in cognitively-impaired, motor asymptomatic monkeys. <i>Brain Research</i> , <b>1990</b> , 534, 25-36	3.7	94
117	Evidence for cortical dysfunction and widespread manganese accumulation in the nonhuman primate brain following chronic manganese exposure: a 1H-MRS and MRI study. <i>Toxicological Sciences</i> , <b>2006</b> , 94, 351-8	4.4	93
116	Enriched environment during development is protective against lead-induced neurotoxicity. <i>Brain Research</i> , <b>2001</b> , 896, 48-55	3.7	92
115	Levodopa-induced dyskinesias in parkinsonian monkeys: relationship to extent of nigrostriatal damage. <i>Pharmacology Biochemistry and Behavior</i> , <b>1989</b> , 34, 193-6	3.9	90
114	Cognitive deficits precede motor deficits in a slowly progressing model of parkinsonism in the monkey. <i>Experimental Neurology</i> , <b>1995</b> , 4, 245-55		86
113	Effects of chronic manganese exposure on cognitive and motor functioning in non-human primates. <i>Brain Research</i> , <b>2006</b> , 1118, 222-31	3.7	80

112	Attention and executive function deficits in chronic low-dose MPTP-treated non-human primates. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 1371-8	3.5	80
111	Protective effects of valproic acid on the nigrostriatal dopamine system in a 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine mouse model of Parkinson's disease. <i>Neuroscience</i> , <b>2011</b> , 194, 189-94	3.9	78
110	Delayed matching-to-sample, object retrieval, and discrimination reversal deficits in chronic low dose MPTP-treated monkeys. <i>Brain Research</i> , <b>1993</b> , 615, 351-4	3.7	78
109	Protection of dopaminergic cells from MPP+-mediated toxicity by histone deacetylase inhibition. <i>Brain Research</i> , <b>2010</b> , 1354, 172-8	3.7	72
108	Influence of developmental lead exposure on expression of DNA methyltransferases and methyl cytosine-binding proteins in hippocampus. <i>Toxicology Letters</i> , <b>2013</b> , 217, 75-81	4.4	70
107	Parkinson's disease: improved function with GM1 ganglioside treatment in a randomized placebo-controlled study. <i>Neurology</i> , <b>1998</b> , 50, 1630-6	6.5	66
106	Adverse effects of childhood lead poisoning: the clinical neuropsychological perspective. <i>Environmental Research</i> , <b>2006</b> , 100, 284-93	7.9	65
105	GM1 ganglioside treatment promotes recovery of striatal dopamine concentrations in the mouse model of MPTP-induced parkinsonism. <i>Experimental Neurology</i> , <b>1989</b> , 105, 177-83	5.7	62
104	Effects of dihydrexidine, a full dopamine D-1 receptor agonist, on delayed response performance in chronic low dose MPTP-treated monkeys. <i>Brain Research</i> , <b>1994</b> , 663, 140-4	3.7	61
103	Nicotinic acetylcholine receptor agonist SIB-1508Y improves cognitive functioning in chronic low-dose MPTP-treated monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1999</b> , 290, 731-9	4.7	61
102	Effects of chronic manganese exposure on working memory in non-human primates. <i>Brain Research</i> , <b>2009</b> , 1258, 86-95	3.7	60
101	Manganese exposure induces microglia activation and dystrophy in the substantia nigra of non-human primates. <i>NeuroToxicology</i> , <b>2011</b> , 32, 215-26	4.4	59
100	The dopamine D3 receptor antagonist, S33138, counters cognitive impairment in a range of rodent and primate procedures. <i>International Journal of Neuropsychopharmacology</i> , <b>2010</b> , 13, 1035-51	5.8	59
99	Effects of the prolyl endopeptidase inhibitor S 17092 on cognitive deficits in chronic low dose MPTP-treated monkeys. <i>Neuropsychopharmacology</i> , <b>2002</b> , 26, 176-82	8.7	58
98	Effects of SIB-1508Y, a novel neuronal nicotinic acetylcholine receptor agonist, on motor behavior in parkinsonian monkeys. <i>Movement Disorders</i> , <b>1998</b> , 13, 637-42	7	56
97	Effects of the nicotinic acetylcholine receptor agonist SIB-1508Y on object retrieval performance in MPTP-treated monkeys: comparison with levodopa treatment. <i>Annals of Neurology</i> , <b>1998</b> , 43, 311-7	9.4	55
96	Chronic neuroleptic treatment alters expression of glial glutamate transporter GLT-1 mRNA in the striatum. <i>NeuroReport</i> , <b>1998</b> , 9, 133-6	1.7	55
95	Neuroprotection in Parkinson models varies with toxin administration protocol. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 3174-82	3.5	53

94	The effects of chronic levodopa treatment on pre- and postsynaptic markers of dopaminergic function in striatum of parkinsonian monkeys. <i>Movement Disorders</i> , <b>1997</b> , 12, 148-58	7	52
93	Broad neuroprotective profile of nicotinamide in different mouse models of MPTP-induced parkinsonism. <i>European Journal of Neuroscience</i> , <b>2008</b> , 28, 610-7	3.5	50
92	Gangliosides: Treatment Avenues in Neurodegenerative Disease. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 859	4.1	49
91	Manganese exposure induces $\alpha$ -synuclein aggregation in the frontal cortex of non-human primates. <i>Toxicology Letters</i> , <b>2013</b> , 217, 177-83	4.4	49
90	Neuroprotective effects of pramipexole in young and aged MPTP-treated mice. <i>Brain Research</i> , <b>2001</b> , 905, 44-53	3.7	49
89	Effects of lead exposure on proliferation and differentiation of neural stem cells derived from different regions of embryonic rat brain. <i>NeuroToxicology</i> , <b>2004</b> , 25, 1001-12	4.4	48
88	Striatal preproenkephalin gene expression is upregulated in acute but not chronic parkinsonian monkeys: implications for the contribution of the indirect striatopallidal circuit to parkinsonian symptomatology. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 6643-9	6.6	47
87	Responses of striatal neurons to peripheral sensory stimulation in symptomatic MPTP-exposed cats. <i>Brain Research</i> , <b>1991</b> , 544, 297-302	3.7	44
86	GM1 ganglioside treatment of Parkinson's disease: an open pilot study of safety and efficacy. <i>Neurology</i> , <b>1995</b> , 45, 1149-54	6.5	43
85	Sex-Related Abnormalities in Substantia Nigra Lipids in Parkinson's Disease. <i>ASN Neuro</i> , <b>2018</b> , 10, 1759091418781889	3.5	43
84	Development of levodopa-induced dyskinesias in parkinsonian monkeys may depend upon rate of symptom onset and/or duration of symptoms. <i>Brain Research</i> , <b>2003</b> , 990, 38-44	3.7	40
83	The subtype-selective nicotinic acetylcholine receptor agonist SIB-1553A improves both attention and memory components of a spatial working memory task in chronic low dose 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 305, 181-7	4.7	40
82	Effects of the partial glycine agonist D-cycloserine on cognitive functioning in chronic low dose MPTP-treated monkeys. <i>Brain Research</i> , <b>2000</b> , 860, 190-4	3.7	40
81	Task persistence and learning ability in normal and chronic low dose MPTP-treated monkeys. <i>Behavioural Brain Research</i> , <b>1994</b> , 60, 115-24	3.4	38
80	GM1 ganglioside rescues substantia nigra pars compacta neurons and increases dopamine synthesis in residual nigrostriatal dopaminergic neurons in MPTP-treated mice. <i>Journal of Neuroscience Research</i> , <b>1995</b> , 42, 117-23	4.4	38
79	Interaction between nicotinic and dopaminergic therapies on cognition in a chronic Parkinson model. <i>Brain Research</i> , <b>2009</b> , 1262, 109-14	3.7	37
78	Effects of chronic manganese exposure on glutamatergic and GABAergic neurotransmitter markers in the nonhuman primate brain. <i>Toxicological Sciences</i> , <b>2009</b> , 111, 131-9	4.4	35
77	Sex-dependent effects of lead and prenatal stress on post-translational histone modifications in frontal cortex and hippocampus in the early postnatal brain. <i>NeuroToxicology</i> , <b>2016</b> , 54, 65-71	4.4	35

76	Altered expression of genes involved in ganglioside biosynthesis in substantia nigra neurons in Parkinson's disease. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199189	3.7	34
75	GM1 ganglioside in the treatment of Parkinson's disease. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 845, 363-73	6.5	34
74	MPTP-induced parkinsonism: acceleration of biochemical and behavioral recovery by GM1 ganglioside treatment. <i>Journal of Neuroscience Research</i> , <b>1992</b> , 31, 112-9	4.4	34
73	Effects of developmental lead exposure on the hippocampal transcriptome: influences of sex, developmental period, and lead exposure level. <i>Toxicological Sciences</i> , <b>2012</b> , 129, 108-25	4.4	33
72	GM1 ganglioside in Parkinson's disease: Pilot study of effects on dopamine transporter binding. <i>Journal of the Neurological Sciences</i> , <b>2015</b> , 356, 118-23	3.2	32
71	Differential recovery of volitional motor function, lateralized cognitive function, dopamine agonist-induced rotation and dopaminergic parameters in monkeys made hemi-parkinsonian by intracarotid MPTP infusion. <i>Brain Research</i> , <b>1995</b> , 672, 112-7	3.7	32
70	Relationship between Motor Symptoms, Cognition, and Demographic Characteristics in Treated Mild/Moderate Parkinson's Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123231	3.7	30
69	Sex-Dependent Effects of Developmental Lead Exposure on the Brain. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 89	4.5	29
68	Chronic low-dose MPTP in nonhuman primates: a possible model for attention deficit disorder. <i>Journal of Child Neurology</i> , <b>1991</b> , 6 Suppl, S82-9	2.5	29
67	GM1 Ganglioside Modifies $\beta$ Synuclein Toxicity and is Neuroprotective in a Rat $\beta$ Synuclein Model of Parkinson's Disease. <i>Scientific Reports</i> , <b>2019</b> , 9, 8362	4.9	28
66	Effects of low-level lead exposure on cell survival and neurite length in primary mesencephalic cultures. <i>Neurotoxicology and Teratology</i> , <b>2003</b> , 25, 555-9	3.9	28
65	Alterations in dopamine uptake sites and D1 and D2 receptors in cats symptomatic for and recovered from experimental parkinsonism. <i>Synapse</i> , <b>1995</b> , 19, 46-55	2.4	28
64	Effects of low level lead exposure on associative learning and memory in the rat: Influences of sex and developmental timing of exposure. <i>Toxicology Letters</i> , <b>2016</b> , 246, 57-64	4.4	27
63	Levodopa improves motor deficits but can further disrupt cognition in a macaque Parkinson model. <i>Movement Disorders</i> , <b>2013</b> , 28, 663-7	7	27
62	Intraventricular Sialidase Administration Enhances GM1 Ganglioside Expression and Is Partially Neuroprotective in a Mouse Model of Parkinson's Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143351	3.7	27
61	Effects of GM1 ganglioside treatment on pre- and postsynaptic dopaminergic markers in the striatum of parkinsonian monkeys. <i>Synapse</i> , <b>2000</b> , 36, 120-8	2.4	26
60	Developmental Lead Exposure and Prenatal Stress Result in Sex-Specific Reprogramming of Adult Stress Physiology and Epigenetic Profiles in Brain. <i>Toxicological Sciences</i> , <b>2018</b> , 163, 478-489	4.4	25
59	Chronic manganese exposure impairs visuospatial associative learning in non-human primates. <i>Toxicology Letters</i> , <b>2013</b> , 221, 146-51	4.4	25

58	Sex-based differences in gene expression in hippocampus following postnatal lead exposure. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 256, 179-90	4.6	25
57	Effects of nicotinic therapies on attention and executive functions in chronic low-dose MPTP-treated monkeys. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 2098-104	3.5	25
56	Differential effect of postnatal lead exposure on gene expression in the hippocampus and frontal cortex. <i>Journal of Molecular Neuroscience</i> , <b>2012</b> , 47, 76-88	3.3	24
55	Attention, executive functioning and memory in normal aged rhesus monkeys. <i>Behavioural Brain Research</i> , <b>2011</b> , 219, 23-30	3.4	24
54	GM1 ganglioside partially rescues cultured dopaminergic neurons from MPP(+)-induced damage: dependence on initial damage and time of treatment. <i>Brain Research</i> , <b>1994</b> , 640, 308-15	3.7	24
53	Sex- and brain region- specific effects of prenatal stress and lead exposure on permissive and repressive post-translational histone modifications from embryonic development through adulthood. <i>NeuroToxicology</i> , <b>2017</b> , 62, 207-217	4.4	23
52	Sex and rearing condition modify the effects of perinatal lead exposure on learning and memory. <i>NeuroToxicology</i> , <b>2012</b> , 33, 985-95	4.4	22
51	Attentional cueing reverses deficits in spatial working memory task performance in chronic low dose MPTP-treated monkeys. <i>Behavioural Brain Research</i> , <b>2004</b> , 152, 259-62	3.4	22
50	Anatomical evidence of the projection of pontine omnipause neurons to midbrain regions controlling vertical eye movements. <i>Journal of Comparative Neurology</i> , <b>1989</b> , 289, 610-25	3.4	22
49	Effects of developmental lead exposure on the hippocampal methylome: Influences of sex and timing and level of exposure. <i>Toxicology Letters</i> , <b>2018</b> , 290, 63-72	4.4	21
48	Postnatal lead poisoning impairs behavioral recovery following brain damage. <i>NeuroToxicology</i> , <b>2007</b> , 28, 1153-7	4.4	20
47	Inhibition of progenitor cell proliferation in the dentate gyrus of rats following post-weaning lead exposure. <i>NeuroToxicology</i> , <b>2005</b> , 26, 141-5	4.4	20
46	Effects of chronic manganese exposure on attention and working memory in non-human primates. <i>NeuroToxicology</i> , <b>2015</b> , 48, 217-22	4.4	18
45	Caffeine and Progression of Parkinson Disease: A Deleterious Interaction With Creatine. <i>Clinical Neuropharmacology</i> , <b>2015</b> , 38, 163-9	1.4	18
44	Effects of the alpha-2 adrenoceptor agonist guanfacine on attention and working memory in aged non-human primates. <i>European Journal of Neuroscience</i> , <b>2011</b> , 34, 1018-22	3.5	18
43	Behavioral persistence deficit in Parkinson's disease patients. <i>European Journal of Neurology</i> , <b>2007</b> , 14, 300-4	6	18
42	Caffeine, creatine, GRIN2A and Parkinson's disease progression. <i>Journal of the Neurological Sciences</i> , <b>2017</b> , 375, 355-359	3.2	17
41	The Tyrosine Phosphatase STEP Is Involved in Age-Related Memory Decline. <i>Current Biology</i> , <b>2018</b> , 28, 1079-1089.e4	6.3	17

40	Modulation of ATP levels alters the mode of hydrogen peroxide-induced cell death in primary cortical cultures: effects of putative neuroprotective agents. <i>Brain Research</i> , <b>2004</b> , 997, 79-88	3.7	17
39	Expression of striatal preprotachykinin mRNA in symptomatic and asymptomatic 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-exposed monkeys is related to parkinsonian motor signs. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 4901-7	6.6	17
38	Rearing environment, sex and developmental lead exposure modify gene expression in the hippocampus of behaviorally naïve animals. <i>Neurochemistry International</i> , <b>2013</b> , 62, 510-20	4.4	16
37	Differential regulation of striatal dopamine D(1) and D(2) receptors in acute and chronic parkinsonian monkeys. <i>Brain Research</i> , <b>1999</b> , 847, 134-8	3.7	16
36	Clonidine improves attentional and memory components of delayed response performance in a model of early Parkinsonism. <i>Behavioural Brain Research</i> , <b>2010</b> , 211, 236-9	3.4	14
35	Enhanced restoration of striatal dopamine concentrations by combined GM1 ganglioside and neurotrophic factor treatments. <i>Brain Research</i> , <b>1995</b> , 674, 260-4	3.7	14
34	Genetic diversity influences the response of the brain to developmental lead exposure. <i>Toxicological Sciences</i> , <b>2014</b> , 141, 29-43	4.4	13
33	Effects of memantine and galantamine on cognitive performance in aged rhesus macaques. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 1126-32	5.6	13
32	Differential recovery of sensorimotor function in GM1 ganglioside-treated vs. spontaneously recovered MPTP-treated cats: partial striatal dopaminergic reinnervation vs. neurochemical compensation. <i>Brain Research</i> , <b>1998</b> , 813, 82-7	3.7	13
31	Experimental parkinsonism is associated with increased pallidal GAD gene expression and is reversed by site-directed antisense gene therapy. <i>Movement Disorders</i> , <b>2003</b> , 18, 32-40	7	13
30	Strain specific effects of low level lead exposure on associative learning and memory in rats. <i>NeuroToxicology</i> , <b>2017</b> , 62, 186-191	4.4	12
29	Gangliosides and glycolipids in neurodegenerative disorders. <i>Advances in Neurobiology</i> , <b>2014</b> , 9, 449-61	2.1	12
28	Retinal pathology detected by optical coherence tomography in an animal model of Parkinson's disease. <i>Movement Disorders</i> , <b>2014</b> , 29, 1547-51	7	10
27	Predictors of cognitive outcomes in early Parkinson disease patients: The National Institutes of Health Exploratory Trials in Parkinson Disease (NET-PD) experience. <i>Parkinsonism and Related Disorders</i> , <b>2010</b> , 16, 507-12	3.6	10
26	The synthetic ceramide analog L-PDMP partially protects striatal dopamine levels but does not promote dopamine neuron survival in murine models of parkinsonism. <i>Brain Research</i> , <b>2006</b> , 1099, 199-205	3.7	10
25	The Therapeutic Role of Gangliosides in Neurological Disorders. <i>CNS Drugs</i> , <b>1994</b> , 1, 213-22	6.7	10
24	A novel dopamine D3R agonist SK609 with norepinephrine transporter inhibition promotes improvement in cognitive task performance in rodent and non-human primate models of Parkinson's disease. <i>Experimental Neurology</i> , <b>2021</b> , 335, 113514	5.7	10
23	The attention set-shifting test is sensitive for revealing sex-based impairments in executive functions following developmental lead exposure in rats. <i>Behavioural Brain Research</i> , <b>2019</b> , 366, 126-134	3.4	9

22	NYX-458 Improves Cognitive Performance in a Primate Parkinson's Disease Model. <i>Movement Disorders</i> , <b>2020</b> , 35, 640-649	7	9
21	Postnatal lead exposure alters expression of forebrain p75 and TrkA nerve growth factor receptors. <i>Brain Research</i> , <b>2008</b> , 1195, 113-9	3.7	9
20	No sex differences in use of dopaminergic medication in early Parkinson disease in the US and Canada - baseline findings of a multicenter trial. <i>PLoS ONE</i> , <b>2014</b> , 9, e112287	3.7	9
19	Differential effects of GDNF treatment on rotational asymmetry, skilled forelimb use deficits and sensory neglect in unilateral 6-OHDA-lesioned rats. <i>Restorative Neurology and Neuroscience</i> , <b>1998</b> , 13, 205-12	2.8	8
18	Post-translational histone modifications and their interaction with sex influence normal brain development and elaboration of neuropsychiatric disorders. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 1968-1981	6.9	7
17	Developmental Lead and/or Prenatal Stress Exposures Followed by Different Types of Behavioral Experience Result in the Divergence of Brain Epigenetic Profiles in a Sex, Brain Region, and Time-Dependent Manner: Implications for Neurotoxicology. <i>Current Opinion in Toxicology</i> , <b>2017</b> , 6, 60-70	4.4	6
16	PET imaging of dopamine release in the frontal cortex of manganese-exposed non-human primates. <i>Journal of Neurochemistry</i> , <b>2019</b> , 150, 188-201	6	6
15	Cognitive function in 1736 participants in NINDS Exploratory Trials in PD Long-term Study-1. <i>Parkinsonism and Related Disorders</i> , <b>2016</b> , 33, 127-133	3.6	6
14	GM1 ganglioside treatment partially reverses the nigrostriatal dopamine defect in the weaver mutant mouse. <i>Brain Research</i> , <b>1994</b> , 636, 353-6	3.7	6
13	Different Behavioral Experiences Produce Distinctive Parallel Changes in, and Correlate With, Frontal Cortex and Hippocampal Global Post-translational Histone Levels. <i>Frontiers in Integrative Neuroscience</i> , <b>2018</b> , 12, 29	3.2	6
12	Beta2* and beta4* nicotinic acetylcholine receptor expression changes with progressive parkinsonism in non-human primates. <i>Neurobiology of Disease</i> , <b>2007</b> , 27, 312-9	7.5	5
11	Low-level lead exposure impairs fronto-executive functions: A call to update the DSM-5 with lead poisoning as a neurodevelopmental disorder. <i>Psychology and Neuroscience</i> , <b>2020</b> , 13, 299-325	1.9	5
10	siRNA-mediated knockdown of B3GALT4 decreases GM1 ganglioside expression and enhances vulnerability for neurodegeneration. <i>Molecular and Cellular Neurosciences</i> , <b>2019</b> , 95, 25-30	4.8	5
9	Impaired spatial working memory learning and performance in normal aged rhesus monkeys. <i>Behavioural Brain Research</i> , <b>2012</b> , 232, 287-93	3.4	4
8	Modeling Cognitive Deficits Associated with Parkinsonism in the Chronic-Low-Dose MPTP-Treated Monkey. <i>Frontiers in Neuroscience</i> , <b>2006</b> , 169-180		3
7	A critical role for GM1 ganglioside in the pathophysiology and potential treatment of Parkinson's disease. <i>Glycoconjugate Journal</i> , <b>2021</b> , 1	3	3
6	Preservation of autoreceptor-mediated increases in dopamine synthesis in aged mice with experimentally-induced parkinsonism. <i>Neuroscience Letters</i> , <b>1997</b> , 222, 138-40	3.3	1
5	GABAergic Pathway from Zona Incerta to Neocortex: Clarification. <i>Science</i> , <b>1991</b> , 251, 1162-1162	33.3	1



- 4 Current concepts in treating mild cognitive impairment in Parkinson's disease. *Neuropharmacology*, **2022**, 203, 108880 5.5 0
- 3 Erratum. *Science*, **1991**, 251, 1162 33.3
- 2 Epigenetic Mechanisms of Adverse Neurodevelopment in Response to Lead Exposure and Prenatal Stress and the Combination: The Road Ahead **2016**, 251-277
- 1 GM1 ganglioside modifies microglial and neuroinflammatory responses to  $\beta$ synuclein in the rat AAV-A53T  $\beta$ synuclein model of Parkinson's disease.. *Molecular and Cellular Neurosciences*, **2022**, 103729 4.8