

Alvin V Terry

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177
papers

7,288
citations

48
h-index

77
g-index

184
ext. papers

7,956
ext. citations

4.4
avg, IF

6.04
L-index

#	Paper	IF	Citations
177	Juvenile Plasma Factors Improve Organ Function and Survival following Injury by Promoting Antioxidant Response. <i>2022</i> , 13, 568-582		
176	Manganese-enhanced magnetic resonance imaging method detects age-related impairments in axonal transport in mice and attenuation of the impairments by a microtubule-stabilizing compound. <i>Brain Research</i> , 2022 , 1789, 147947	3.7	
175	Design and Synthesis of Ranitidine Analogs as Multi-Target Directed Ligands for the Treatment of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
174	Aged rhesus monkeys: Cognitive performance categorizations and preclinical drug testing. <i>Neuropharmacology</i> , 2021 , 187, 108489	5.5	4
173	Differential effects of alkaloids on memory in rodents. <i>Scientific Reports</i> , 2021 , 11, 9843	4.9	3
172	Rab43 GTPase directs postsynaptic trafficking and neuron-specific sorting of G protein-coupled receptors. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100517	5.4	3
171	The Carbamate, Physostigmine does not Impair Axonal Transport in Rat Cortical Neurons. <i>Neuroscience Insights</i> , 2021 , 16, 26331055211020289	3	1
170	A cellular approach to understanding and treating Gulf War Illness. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 6941-6961	10.3	1
169	Dysregulation of cellular energetics in Gulf War Illness. <i>Toxicology</i> , 2021 , 461, 152894	4.4	1
168	α nicotinic acetylcholine receptors as therapeutic targets in schizophrenia: Update on animal and clinical studies and strategies for the future. <i>Neuropharmacology</i> , 2020 , 170, 108053	5.5	23
167	Modulating inhibitory response control through potentiation of GluN2D subunit-containing NMDA receptors. <i>Neuropharmacology</i> , 2020 , 173, 107994	5.5	2
166	Chronic oral treatment with risperidone impairs recognition memory and alters brain-derived neurotrophic factor and related signaling molecules in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 189, 172853	3.9	6
165	Multifunctional compounds lithium chloride and methylene Blue attenuate the negative effects of diisopropylfluorophosphate on axonal transport in rat cortical neurons. <i>Toxicology</i> , 2020 , 431, 152379	4.4	6
164	Oral quetiapine treatment results in time-dependent alterations of recognition memory and brain-derived neurotrophic factor-related signaling molecules in the hippocampus of rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 197, 172999	3.9	2
163	Atomoxetine improves memory and other components of executive function in young-adult rats and aged rhesus monkeys. <i>Neuropharmacology</i> , 2019 , 155, 65-75	5.5	14
162	Nicotinic Acetylcholine Receptor Ligands, Cognitive Function, and Preclinical Approaches to Drug Discovery. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 383-394	4.9	23
161	Kinase and Mitochondrial Targets for Reversing the Adverse Effects of Organophosphates on Axonal Transport. <i>FASEB Journal</i> , 2019 , 33, 813.7	0.9	

160	Estrogen Receptor α Agonist Attenuates Endoplasmic Reticulum Stress-Induced Changes in Social Behavior and Brain Connectivity in Mice. <i>Molecular Neurobiology</i> , 2018 , 55, 7606-7618	6.2	8
159	Simultaneous determination of tianeptine and its active metabolite tianeptine MC5 in rat plasma and brain tissue using high performance liquid chromatography/electrospray ionization tandem mass spectrometry (LC-ESI-MS/MS). <i>Analytical Methods</i> , 2018 , 10, 439-447	3.2	2
158	Mass Spectrometric Quantitation of Tubulin Acetylation from Pepsin-Digested Rat Brain Tissue Using a Novel Stable-Isotope Standard and Capture by Anti-Peptide Antibody (SISCAPA) Method. <i>Analytical Chemistry</i> , 2018 , 90, 2155-2163	7.8	12
157	Intermittent stimulation in the nucleus basalis of meynert improves sustained attention in rhesus monkeys. <i>Neuropharmacology</i> , 2018 , 137, 202-210	5.5	11
156	Neurotoxicity in acute and repeated organophosphate exposure. <i>Toxicology</i> , 2018 , 408, 101-112	4.4	98
155	Repeated exposures to diisopropylfluorophosphate result in structural disruptions of myelinated axons and persistent impairments of axonal transport in the brains of rats. <i>Toxicology</i> , 2018 , 406-407, 92-103	4.4	17
154	Tropisetron enhances recognition memory in rats chronically treated with risperidone or quetiapine. <i>Biochemical Pharmacology</i> , 2018 , 151, 180-187	6	15
153	Nicotinic Receptor Ligands and Novel Object Recognition. <i>Handbook of Behavioral Neuroscience</i> , 2018 , 27, 379-390	0.7	1
152	Tropisetron sensitizes α 7 containing nicotinic receptors to low levels of acetylcholine in vitro and improves memory-related task performance in young and aged animals. <i>Neuropharmacology</i> , 2017 , 117, 422-433	5.5	34
151	Chlorpyrifos and chlorpyrifos oxon impair the transport of membrane bound organelles in rat cortical axons. <i>NeuroToxicology</i> , 2017 , 62, 111-123	4.4	26
150	Intermittent Stimulation of the Nucleus Basalis of Meynert Improves Working Memory in Adult Monkeys. <i>Current Biology</i> , 2017 , 27, 2640-2646.e4	6.3	27
149	Potential for intermittent stimulation of nucleus basalis of Meynert to impact treatment of alzheimer's disease. <i>Communicative and Integrative Biology</i> , 2017 , 10, e1389359	1.7	6
148	Tone identification behavior in Rattus norvegicus: muscarinic receptor blockage lowers responsiveness in nontarget selective neurons, while nicotinic receptor blockage selectively lowers target responses. <i>European Journal of Neuroscience</i> , 2017 , 46, 1779-1789	3.5	
147	Neutral Sphingomyelinase-2 Deficiency Ameliorates Alzheimer's Disease Pathology and Improves Cognition in the 5XFAD Mouse. <i>Journal of Neuroscience</i> , 2016 , 36, 8653-67	6.6	127
146	Regulation of β Adrenergic Receptor Cell Surface Transport by GGA1 and GGA2. <i>Scientific Reports</i> , 2016 , 6, 37921	4.9	16
145	GGA3 Interacts with a G Protein-Coupled Receptor and Modulates Its Cell Surface Export. <i>Molecular and Cellular Biology</i> , 2016 , 36, 1152-63	4.8	20
144	Diisopropylfluorophosphate Impairs the Transport of Membrane-Bound Organelles in Rat Cortical Axons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 356, 645-55	4.7	24
143	Effects of the nicotinic agonist varenicline on the performance of tasks of cognition in aged and middle-aged rhesus and pigtail monkeys. <i>Psychopharmacology</i> , 2016 , 233, 761-71	4.7	16

142	Synthesis and biological evaluation of ranitidine analogs as multiple-target-directed cognitive enhancers for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5573-5579	2.9	8
141	R-(+) and S-(-) isomers of cotinine augment cholinergic responses in vitro and in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 352, 405-18	4.7	27
140	Nicotinic ligands as multifunctional agents for the treatment of neuropsychiatric disorders. <i>Biochemical Pharmacology</i> , 2015 , 97, 388-398	6	33
139	Bio-generation of stable isotope-labeled internal standards for absolute and relative quantitation of phase II drug metabolites in plasma samples using LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4053-63	4.4	9
138	Attention. <i>Handbook of Experimental Pharmacology</i> , 2015 , 228, 161-89	3.2	11
137	Simultaneous quantitation of quetiapine and its active metabolite norquetiapine in rat plasma and brain tissue by high performance liquid chromatography/electrospray ionization tandem mass spectrometry (LC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical Sciences</i> , 2015 , 1002, 71-7	3.2	11
136	Pharmacokinetics of cotinine in rats: a potential therapeutic agent for disorders of cognitive function. <i>Pharmacological Reports</i> , 2015 , 67, 494-500	3.9	8
135	Repeated exposure to chlorpyrifos leads to prolonged impairments of axonal transport in the living rodent brain. <i>NeuroToxicology</i> , 2015 , 47, 17-26	4.4	41
134	Evaluation of nicotine and cotinine analogs as potential neuroprotective agents for Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1472-8	2.9	39
133	Alpha 2A adrenergic receptor agonist, guanfacine, attenuates cocaine-related impairments of inhibitory response control and working memory in animal models. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 126, 63-72	3.9	12
132	Effects of the nicotinic α 7 receptor partial agonist GTS-21 on NMDA-glutamatergic receptor related deficits in sensorimotor gating and recognition memory in rats. <i>Psychopharmacology</i> , 2014 , 231, 3695-706	4.7	33
131	Repeated exposures to diisopropylfluorophosphate result in impairments of sustained attention and persistent alterations of inhibitory response control in rats. <i>Neurotoxicology and Teratology</i> , 2014 , 44, 18-29	3.9	17
130	Positive allosteric modulator of α 7 nicotinic-acetylcholine receptors, PNU-120596 augments the effects of donepezil on learning and memory in aged rodents and non-human primates. <i>Neuropharmacology</i> , 2013 , 67, 201-12	5.5	78
129	Variable maternal stress in rats alters locomotor activity, social behavior, and recognition memory in the adult offspring. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 104, 47-61	3.9	24
128	Exposure to variable prenatal stress in rats: effects on anxiety-related behaviors, innate and contextual fear, and fear extinction. <i>Behavioural Brain Research</i> , 2013 , 238, 279-88	3.4	66
127	Chromosome 21-derived microRNAs provide an etiological basis for aberrant protein expression in human down syndrome brains. <i>Journal of Biological Chemistry</i> , 2013 , 288, 4228	5.4	4
126	Differential long-term effects of haloperidol and risperidone on the acquisition and performance of tasks of spatial working and short-term memory and sustained attention in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 347, 547-56	4.7	16
125	The nicotine metabolite, cotinine, attenuates glutamate (NMDA) antagonist-related effects on the performance of the five choice serial reaction time task (5C-SRTT) in rats. <i>Biochemical Pharmacology</i> , 2012 , 83, 941-51	6	44

124	Chronic impairments in spatial learning and memory in rats previously exposed to chlorpyrifos or diisopropylfluorophosphate. <i>Neurotoxicology and Teratology</i> , 2012 , 34, 1-8	3.9	33
123	Variable prenatal stress results in impairments of sustained attention and inhibitory response control in a 5-choice serial reaction time task in rats. <i>Neuroscience</i> , 2012 , 218, 126-37	3.9	28
122	Quantitation of cotinine and its metabolites in rat plasma and brain tissue by hydrophilic interaction chromatography tandem mass spectrometry (HILIC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 907, 117-25	3.2	24
121	Determination of aripiprazole in rat plasma and brain using ultra-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012 , 26, 1325-32	1.7	21
120	An aqueous orally active vaccine targeted against a RAGE/AB complex as a novel therapeutic for Alzheimer's disease. <i>NeuroMolecular Medicine</i> , 2012 , 14, 119-30	4.6	13
119	Cysteamine treatment ameliorates alterations in GAD67 expression and spatial memory in heterozygous reeler mice. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 1073-86	5.8	21
118	Age-dependent alterations in nerve growth factor (NGF)-related proteins, sortilin, and learning and memory in rats. <i>Physiology and Behavior</i> , 2011 , 102, 149-57	3.5	60
117	The use-dependent, nicotinic antagonist BTMPS reduces the adverse consequences of morphine self-administration in rats in an abstinence model of drug seeking. <i>Neuropharmacology</i> , 2011 , 61, 798-806	5.5	5
116	Repeated, intermittent exposures to diisopropylfluorophosphate in rats: protracted effects on cholinergic markers, nerve growth factor-related proteins, and cognitive function. <i>Neuroscience</i> , 2011 , 176, 237-53	3.9	24
115	The acute effects of dimebolin, a potential Alzheimer's disease treatment, on working memory in rhesus monkeys. <i>British Journal of Pharmacology</i> , 2011 , 164, 970-8	8.6	22
114	Alzheimer's disease and age-related memory decline (preclinical). <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 99, 190-210	3.9	59
113	Neurobiology of nAChRs and cognition: a mini review of Dr. Jerry J. Buccafusco's contributions over a 25 year career. <i>Biochemical Pharmacology</i> , 2011 , 82, 883-90	6	6
112	RG3487, a novel nicotinic α 7 receptor partial agonist, improves cognition and sensorimotor gating in rodents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 242-53	4.7	106
111	The prototypical ranitidine analog JWS-USC-75-IX improves information processing and cognitive function in animal models. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 751-66	4.7	9
110	Effects of chlorpyrifos and chlorpyrifos-oxon on the dynamics and movement of mitochondria in rat cortical neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 339, 341-9	4.7	53
109	Behavioral defects in chaperone-deficient Alzheimer's disease model mice. <i>PLoS ONE</i> , 2011 , 6, e16550	3.7	28
108	Cysteamine attenuates the decreases in TrkB protein levels and the anxiety/depression-like behaviors in mice induced by corticosterone treatment. <i>PLoS ONE</i> , 2011 , 6, e26153	3.7	43
107	Neurodevelopmental animal models of schizophrenia: role in novel drug discovery and development. <i>Clinical Schizophrenia and Related Psychoses</i> , 2010 , 4, 124-37	1.6	41

106	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1211-6	11.5	226
105	Chromosome 21-derived microRNAs provide an etiological basis for aberrant protein expression in human Down syndrome brains. <i>Journal of Biological Chemistry</i> , 2010 , 285, 1529-43	5.4	86
104	Chronic antipsychotic treatment: protracted decreases in phospho-TrkA levels in the rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 799-805	5.8	5
103	An inverse relationship between cortisol and BDNF levels in schizophrenia: data from human postmortem and animal studies. <i>Neurobiology of Disease</i> , 2010 , 39, 327-33	7.5	103
102	Repeated exposures to low-level chlorpyrifos results in impairments in sustained attention and increased impulsivity in rats. <i>Neurotoxicology and Teratology</i> , 2010 , 32, 415-24	3.9	63
101	Letter in response to Juberg and Burns. <i>Neurotoxicology and Teratology</i> , 2010 , 32, 649-650	3.9	
100	Treatments for neuropathic pain differentially affect delayed matching accuracy by macaques: effects of amitriptyline and gabapentin. <i>Pain</i> , 2010 , 148, 446-453	8	6
99	Neuroprotective effects and mechanism of cognitive-enhancing choline analogs JWB 1-84-1 and JAY 2-22-33 in neuronal culture and <i>Caenorhabditis elegans</i> . <i>Molecular Neurodegeneration</i> , 2010 , 5, 59	19	14
98	A reversible model of the cognitive impairment associated with schizophrenia in monkeys: potential therapeutic effects of two nicotinic acetylcholine receptor agonists. <i>Biochemical Pharmacology</i> , 2009 , 78, 852-62	6	66
97	Protracted cognitive effects produced by clonidine in <i>Macaca nemestrina</i> performing a delayed matching task. <i>Psychopharmacology</i> , 2009 , 202, 477-85	4.7	10
96	Desensitization of nicotinic acetylcholine receptors as a strategy for drug development. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 364-70	4.7	123
95	Mass spectrometry identifies covalent binding of soman, sarin, chlorpyrifos oxon, diisopropyl fluorophosphate, and FP-biotin to tyrosines on tubulin: a potential mechanism of long term toxicity by organophosphorus agents. <i>Chemico-Biological Interactions</i> , 2008 , 175, 180-6	5	61
94	Negative effects of chronic oral chlorpromazine and olanzapine treatment on the performance of tasks designed to assess spatial learning and working memory in rats. <i>Neuroscience</i> , 2008 , 156, 1005-16	3.9	26
93	Experimental validation of miRNA targets. <i>Methods</i> , 2008 , 44, 47-54	4.6	267
92	Cognitive dysfunction in neuropsychiatric disorders: selected serotonin receptor subtypes as therapeutic targets. <i>Behavioural Brain Research</i> , 2008 , 195, 30-8	3.4	87
91	Up-regulation of calcyon results in locomotor hyperactivity and reduced anxiety in mice. <i>Behavioural Brain Research</i> , 2008 , 189, 244-9	3.4	21
90	Human chromosome 21-derived miRNAs are overexpressed in down syndrome brains and hearts. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 370, 473-7	3.4	131
89	Comparison of Time-of-Flight Mass Spectrometry to Triple Quadrupole Tandem Mass Spectrometry for Quantitative Bioanalysis: Application to Antipsychotics. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 2737-2751	1.3	18

88	Erythropoietin prevents haloperidol treatment-induced neuronal apoptosis through regulation of BDNF. <i>Neuropsychopharmacology</i> , 2008 , 33, 1942-51	8.7	36
87	Role of the central cholinergic system in the therapeutics of schizophrenia. <i>Current Neuropharmacology</i> , 2008 , 6, 286-92	7.6	36
86	The scopolamine-reversal paradigm in rats and monkeys: the importance of computer-assisted operant-conditioning memory tasks for screening drug candidates. <i>Psychopharmacology</i> , 2008 , 199, 481-494	4.7	46
85	Determination of diisopropylfluorophosphate in rat plasma and brain tissue by headspace solid-phase microextraction gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 3069-75	2.2	6
84	Bioanalytical methods for the determination of antipsychotic drugs. <i>Biomedical Chromatography</i> , 2008 , 22, 671-87	1.7	34
83	Determination of the lipophilic antipsychotic drug ziprasidone in rat plasma and brain tissue using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008 , 22, 770-8	1.7	24
82	Neurotrophins and schizophrenia. <i>Schizophrenia Research</i> , 2007 , 94, 1-11	3.6	134
81	Sensitive liquid chromatography/tandem mass spectrometry method for the determination of the lipophilic antipsychotic drug chlorpromazine in rat plasma and brain tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 854, 68-76	3.2	29
80	Simultaneous determination of five antipsychotic drugs in rat plasma by high performance liquid chromatography with ultraviolet detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 20-8	3.2	66
79	Sensitive liquid chromatography/tandem mass spectrometry method for the simultaneous determination of olanzapine, risperidone, 9-hydroxyrisperidone, clozapine, haloperidol and ziprasidone in rat brain tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 20-8	3.2	63
78	Liquid chromatography/tandem mass spectrometry method for the simultaneous determination of olanzapine, risperidone, 9-hydroxyrisperidone, clozapine, haloperidol and ziprasidone in rat plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 920-8	2.2	44
77	Profile of nicotinic acetylcholine receptor agonists ABT-594 and A-582941, with differential subtype selectivity, on delayed matching accuracy by young monkeys. <i>Biochemical Pharmacology</i> , 2007 , 74, 1202-11	6	48
76	Time dependent decreases in central alpha7 nicotinic acetylcholine receptors associated with haloperidol and risperidone treatment in rats. <i>European Journal of Pharmacology</i> , 2007 , 571, 29-32	5.3	7
75	Chlorpyrifos, chlorpyrifos-oxon, and diisopropylfluorophosphate inhibit kinesin-dependent microtubule motility. <i>Toxicology and Applied Pharmacology</i> , 2007 , 218, 20-9	4.6	53
74	Long-term antipsychotic treatments and crossover studies in rats: differential effects of typical and atypical agents on the expression of antioxidant enzymes and membrane lipid peroxidation in rat brain. <i>Journal of Psychiatric Research</i> , 2007 , 41, 372-86	5.2	117
73	MHP-133, a drug with multiple CNS targets: potential for neuroprotection and enhanced cognition. <i>Neurochemical Research</i> , 2007 , 32, 1224-37	4.6	4
72	Time-dependent cognitive deficits associated with first and second generation antipsychotics: cholinergic dysregulation as a potential mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 961-8	4.7	60
71	Chronic, intermittent exposure to chlorpyrifos in rats: protracted effects on axonal transport, neurotrophin receptors, cholinergic markers, and information processing. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 1117-28	4.7	76

70	Determination of Chlorpyrifos and its Metabolites in Rat Blood Using Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007 , 30, 273-285	1.3	6
69	Galantamine and donepezil attenuate pharmacologically induced deficits in prepulse inhibition in rats. <i>Neuropharmacology</i> , 2007 , 52, 542-51	5.5	52
68	The effects of JWB1-84-1 on memory-related task performance by amyloid Abeta transgenic mice and by young and aged monkeys. <i>Neuropharmacology</i> , 2007 , 53, 588-600	5.5	32
67	Microtubule-associated targets in chlorpyrifos oxon hippocampal neurotoxicity. <i>Neuroscience</i> , 2007 , 146, 330-9	3.9	66
66	Oral haloperidol or risperidone treatment in rats: temporal effects on nerve growth factor receptors, cholinergic neurons, and memory performance. <i>Neuroscience</i> , 2007 , 146, 1316-32	3.9	54
65	Protracted effects of chronic oral haloperidol and risperidone on nerve growth factor, cholinergic neurons, and spatial reference learning in rats. <i>Neuroscience</i> , 2007 , 150, 413-24	3.9	34
64	Disconnection between activation and desensitization of autonomic nicotinic receptors by nicotine and cotinine. <i>Neuroscience Letters</i> , 2007 , 413, 68-71	3.3	25
63	ELISA methods to measure cholinergic markers and nerve growth factor receptors in cortex, hippocampus, prefrontal cortex, and basal forebrain from rat brain. <i>Journal of Neuroscience Methods</i> , 2006 , 150, 159-73	3	35
62	Comparison of galantamine and donepezil for effects on nerve growth factor, cholinergic markers, and memory performance in aged rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 679-94	4.7	65
61	Time-dependent effects of haloperidol and ziprasidone on nerve growth factor, cholinergic neurons, and spatial learning in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 709-24	4.7	38
60	Differential effects of long-term treatment with typical and atypical antipsychotics on NGF and BDNF levels in rat striatum and hippocampus. <i>Schizophrenia Research</i> , 2006 , 82, 95-106	3.6	106
59	Chronic treatment with first or second generation antipsychotics in rodents: effects on high affinity nicotinic and muscarinic acetylcholine receptors in the brain. <i>Neuroscience</i> , 2006 , 140, 1277-87	3.9	42
58	Determination of chlorpyrifos and its metabolites in rat brain tissue using coupled-column liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2689-95	2.2	26
57	Muscarinic Receptor Antagonists in Rats. <i>Frontiers in Neuroscience</i> , 2006 , 5-20		2
56	Effect of repeated nicotine exposure on high-affinity nicotinic acetylcholine receptor density in spontaneously hypertensive rats. <i>Neuroscience Letters</i> , 2005 , 382, 158-63	3.3	11
55	Repeated nicotine exposure in rats: effects on memory function, cholinergic markers and nerve growth factor. <i>Neuroscience</i> , 2005 , 130, 997-1012	3.9	90
54	Chronic exposure to typical or atypical antipsychotics in rodents: temporal effects on central alpha7 nicotinic acetylcholine receptors. <i>Neuroscience</i> , 2005 , 136, 519-29	3.9	43
53	Cotinine, a neuroactive metabolite of nicotine: potential for treating disorders of impaired cognition. <i>CNS Neuroscience & Therapeutics</i> , 2005 , 11, 229-52		62

52	Selective serotonin 5-HT _{2A} receptor antagonist EMD 281014 improves delayed matching performance in young and aged rhesus monkeys. <i>Psychopharmacology</i> , 2005 , 179, 725-32	4.7	43
51	Lecozotan (SRA-333): a selective serotonin 1A receptor antagonist that enhances the stimulated release of glutamate and acetylcholine in the hippocampus and possesses cognitive-enhancing properties. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 1274-89	4.7	105
50	Differential effects of typical and atypical antipsychotics on nerve growth factor and choline acetyltransferase expression in the cortex and nucleus basalis of rats. <i>Journal of Psychiatric Research</i> , 2004 , 38, 521-9	5.2	33
49	Donepezil-induced improvement in delayed matching accuracy by young and old rhesus monkeys. <i>Journal of Molecular Neuroscience</i> , 2004 , 24, 85-91	3.3	17
48	Modulation of nerve growth factor and choline acetyltransferase expression in rat hippocampus after chronic exposure to haloperidol, risperidone, and olanzapine. <i>Psychopharmacology</i> , 2004 , 172, 365-74	4.7	48
47	The effects of IDRA 21, a positive modulator of the AMPA receptor, on delayed matching performance by young and aged rhesus monkeys. <i>Neuropharmacology</i> , 2004 , 46, 10-22	5.5	34
46	Novel analogs of choline as potential neuroprotective agents. <i>Journal of Alzheimer's Disease</i> , 2004 , 6, S85-92	4.3	7
45	Drugs that target serotonergic receptors 2004 , 79-88		1
44	Differential effects of haloperidol, risperidone, and clozapine exposure on cholinergic markers and spatial learning performance in rats. <i>Neuropsychopharmacology</i> , 2003 , 28, 300-9	8.7	75
43	The cholinergic hypothesis of age and Alzheimer's disease-related cognitive deficits: recent challenges and their implications for novel drug development. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 306, 821-7	4.7	792
42	Enhanced attention in rhesus monkeys as a common factor for the cognitive effects of drugs with abuse potential. <i>Psychopharmacology</i> , 2003 , 169, 150-60	4.7	21
41	Relative levels of cytoprotection produced by analogs of choline and the role of alpha7-nicotinic acetylcholine receptors. <i>Synapse</i> , 2003 , 47, 262-9	2.4	33
40	The potential role of cotinine in the cognitive and neuroprotective actions of nicotine. <i>Life Sciences</i> , 2003 , 72, 2931-42	6.8	44
39	Sex dimorphisms in the cognitive-enhancing action of the Alzheimer's drug donepezil in aged Rhesus monkeys. <i>Neuropharmacology</i> , 2003 , 44, 381-9	5.5	23
38	Potential cognitive actions of (n-propargyl-(3r)-aminoindan-5-yl)-ethyl, methyl carbamate (tv3326), a novel neuroprotective agent, as assessed in old rhesus monkeys in their performance of versions of a delayed matching task. <i>Neuroscience</i> , 2003 , 119, 669-78	3.9	31
37	Repeated exposures to subthreshold doses of chlorpyrifos in rats: hippocampal damage, impaired axonal transport, and deficits in spatial learning. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 305, 375-84	4.7	88
36	Spontaneously hypertensive rats: further evaluation of age-related memory performance and cholinergic marker expression. <i>Journal of Psychiatry and Neuroscience</i> , 2003 , 28, 197-209	4.5	40
35	A computer-assisted cognitive test battery for aged monkeys. <i>Journal of Molecular Neuroscience</i> , 2002 , 19, 179-85	3.3	22

34	Memory-related task performance by aged rhesus monkeys administered the muscarinic M(1)-preferring agonist, talsaclidine. <i>Psychopharmacology</i> , 2002 , 162, 292-300	4.7	23
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32	Effects of (+/-)-4-[[2-(1-methyl-2-pyrrolidinyl)ethyl]thio]phenol hydrochloride (SIB-1553A), a selective ligand for nicotinic acetylcholine receptors, in tests of visual attention and distractibility in rats and monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 301, 284-92	4.7	58
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29	Protractive effects of chronic treatment with an acutely sub-toxic regimen of diisopropylfluorophosphate on the expression of cholinergic receptor densities in rats. <i>Brain Research</i> , 2000 , 882, 9-18	3.7	26
28	Deficits in spatial learning and nicotinic-acetylcholine receptors in older, spontaneously hypertensive rats. <i>Neuroscience</i> , 2000 , 101, 357-68	3.9	51
27	Evaluation of two rodent delayed-response memory tasks: a method with retractable levers versus a method with closing doors. <i>Physiology and Behavior</i> , 2000 , 70, 233-41	3.5	3
26	Plasma membrane ordering agent pluronic F-68 (PF-68) reduces neurotransmitter uptake and release and produces learning and memory deficits in rats. <i>Learning and Memory</i> , 1999 , 6, 634-49	2.8	29
25	Ranitidine analog, JWS-USC-751X, enhances memory-related task performance in rats. <i>Drug Development Research</i> , 1999 , 47, 97-106	5.1	17
24	Dose-specific improvements in memory-related task performance by rats and aged monkeys administered the nicotinic-cholinergic antagonist mecamylamine. <i>Drug Development Research</i> , 1999 , 47, 127-136	5.1	38
23	Effects of chronic, low-level organophosphate exposure on delayed recall, discrimination, and spatial learning in monkeys and rats. <i>Neurotoxicology and Teratology</i> , 1998 , 20, 115-22	3.9	57
22	Enhanced delayed matching performance in younger and older macaques administered the 5-HT4 receptor agonist, RS 17017. <i>Psychopharmacology</i> , 1998 , 135, 407-15	4.7	65
21	Central nicotinic receptor agonists ABT-418, ABT-089, and (-)-nicotine reduce distractibility in adult monkeys. <i>Psychopharmacology</i> , 1998 , 136, 50-8	4.7	81
20	Inhibition of brain choline uptake by isoarecolone and lobeline derivatives: implications for potential vector-mediated brain drug delivery. <i>Neuroscience Letters</i> , 1998 , 258, 25-8	3.3	13
19	Lobeline and structurally simplified analogs exhibit differential agonist activity and sensitivity to antagonist blockade when compared to nicotine. <i>Neuropharmacology</i> , 1998 , 37, 93-102	5.5	36
18	Cognitive impairment in spontaneously hypertensive rats: role of central nicotinic receptors. Part II. <i>Brain Research</i> , 1997 , 771, 104-14	3.7	52
17	Nitric oxide synthase inhibition impairs delayed recall in mature monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 1997 , 56, 81-7	3.9	14

16	Nitric oxide synthase inhibition impairs spatial navigation learning and induces conditioned taste aversion. <i>Pharmacology Biochemistry and Behavior</i> , 1997 , 57, 347-52	3.9	61
15	Reversal of scopolamine-induced deficits in navigational memory performance by the seed oil of <i>Celastrus paniculatus</i> . <i>Pharmacology Biochemistry and Behavior</i> , 1997 , 57, 793-9	3.9	46
14	Chronic, low-level exposure to diisopropylfluorophosphate causes protracted impairment of spatial navigation learning. <i>Psychopharmacology</i> , 1997 , 129, 183-91	4.7	49
13	Improvement in accuracy of delayed recall in aged and non-aged, mature monkeys after intramuscular or transdermal administration of the CNS nicotinic receptor agonist ABT-418. <i>Psychopharmacology</i> , 1997 , 130, 276-84	4.7	35
12	Cholinergic channel activator, ABT-418, enhances delayed-response accuracy in rats. <i>Drug Development Research</i> , 1997 , 40, 304-312	5.1	11
11	Spinal muscarinic cholinergic and nitric oxide systems in cardiovascular regulation. <i>European Journal of Pharmacology</i> , 1996 , 313, 211-20	5.3	15
10	The 5-HT ₃ receptor antagonist, RS-56812, enhances delayed matching performance in monkeys. <i>NeuroReport</i> , 1996 , 8, 49-54	1.7	15
9	Effects of stimulation or blockade of central nicotinic-cholinergic receptors on performance of a novel version of the rat stimulus discrimination task. <i>Psychopharmacology</i> , 1996 , 123, 172-81	4.7	27
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7	A rapid microtechnique for the estimation of muscarinic and nicotinic receptor binding parameters using 96-well filtration plates. <i>Journal of Neuroscience Methods</i> , 1995 , 63, 121-25	3	9
6	Spinal NMDA receptor--nitric oxide mediation of the expression of morphine withdrawal symptoms in the rat. <i>Brain Research</i> , 1995 , 679, 189-99	3.7	26
5	Isoarecolone-induced enhancement of delayed matching to sample performance in monkeys: role of nicotinic receptors. <i>NeuroReport</i> , 1995 , 6, 1223-7	1.7	19
4	Velnacrine maleate improves delayed matching performance by aged monkeys. <i>Psychopharmacology</i> , 1995 , 119, 391-8	4.7	15
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1	Scopolamine reversal of nicotine enhanced delayed matching-to-sample performance in monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 1993 , 45, 925-9	3.9	52