Alvin V Terry

List of Publications by Year
in descending order

178	8,649	36303	56724
papers	citations	51 h-index	83 g-index

184	184	184	9862
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Juvenile Plasma Factors Improve Organ Function and Survival following Injury by Promoting Antioxidant Response. , 2022, 13, 568.		3
2	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. Brain Research, 2022, 1789, 147947.	2.2	1
3	Rab43 GTPase directs postsynaptic trafficking and neuron-specific sorting of G proteinâ€“coupled receptors. Journal of Biological Chemistry, 2021, 296, 100517.	3.4	13
4	The Carbamate, Physostigmine does not Impair Axonal Transport in Rat Cortical Neurons. Neuroscience Insights, 2021, 16, 263310552110202.	1.6	1
5	Design and Synthesis of Ranitidine Analogs as Multi-Target Directed Ligands for the Treatment of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 3120.	4.1	4
6	Aged rhesus monkeys: Cognitive performance categorizations and preclinical drug testing. Neuropharmacology, 2021, 187, 108489.	4.1	5
7	Differential effects of alkaloids on memory in rodents. Scientific Reports, 2021, 11, 9843.	3.3	11
8	A cellular approach to understanding and treating Gulf War Illness. Cellular and Molecular Life Sciences, 2021, 78, 6941-6961.	5.4	12
9	Dysregulation of cellular energetics in Gulf War Illness. Toxicology, 2021, 461, 152894.	4.2	5
10	Oral quetiapine treatment results in time-dependent alterations of recognition memory and brain-derived neurotrophic factor-related signaling molecules in the hippocampus of rats. Pharmacology Biochemistry and Behavior, 2020, 197, 172999.	2.9	3
11	Î±7 nicotinic acetylcholine receptors as therapeutic targets in schizophrenia: Update on animal and clinical studies and strategies for the future. Neuropharmacology, 2020, 170, 108053.	4.1	59
12	Modulating inhibitory response control through potentiation of GluN2D subunit-containing NMDA receptors. Neuropharmacology, 2020, 173, 107994.	4.1	5
13	Chronic oral treatment with risperidone impairs recognition memory and alters brain-derived neurotrophic factor and related signaling molecules in rats. Pharmacology Biochemistry and Behavior, 2020, 189, 172853.	2.9	9
14	Multifunctional compounds lithium chloride and methylene Blue attenuate the negative effects of diisopropylfluorophosphate on axonal transport in rat cortical neurons. Toxicology, 2020, 431, 152379.	4.2	7
15	Nicotinic Acetylcholine Receptor Ligands, Cognitive Function, and Preclinical Approaches to Drug Discovery. Nicotine and Tobacco Research, 2019, 21, 383-394.	2.6	29
16	Atomoxetine improves memory and other components of executive function in young-adult rats and aged rhesus monkeys. Neuropharmacology, 2019, 155, 65-75.	4.1	25
17	Kinase and Mitochondrial Targets for Reversing the Adverse Effects of Organophosphates on Axonal Transport. FASEB Journal, 2019, 33, 813.7.	0.5	0
18	Estrogen Receptor Î² Agonist Attenuates Endoplasmic Reticulum Stress-Induced Changes in Social Behavior and Brain Connectivity in Mice. Molecular Neurobiology, 2018, 55, 7606-7618.	4.0	12

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19	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). Analytical Methods, 2018, 10, 439-447.	2.7	2
20	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. Analytical Chemistry, 2018, 90, 2155-2163.	6.5	14
21	Intermittent stimulation in the nucleus basalis of meynert improves sustained attention in rhesus monkeys. Neuropharmacology, 2018, 137, 202-210.	4.1	22
22	Tropisetron enhances recognition memory in rats chronically treated with risperidone or quetiapine. Biochemical Pharmacology, 2018, 151, 180-187.	4.4	16
23	Nicotinic Receptor Ligands and Novel Object Recognition. Handbook of Behavioral Neuroscience, 2018, 27, 379-390.	0.7	1
24	Neurotoxicity in acute and repeated organophosphate exposure. Toxicology, 2018, 408, 101-112.	4.2	197
25	Repeated exposures to diisopropylfluorophosphate result in structural disruptions of myelinated axons and persistent impairments of axonal transport in the brains of rats. Toxicology, 2018, 406-407, 92-103.	4.2	24
26	Tropisetron sensitizes Î±7 containing nicotinic receptors to low levels of acetylcholine inÂvitro and improves memory-related task performance in young and aged animals. Neuropharmacology, 2017, 117, 422-433.	4.1	37
27	Chlorpyrifos and chlorpyrifos oxon impair the transport of membrane bound organelles in rat cortical axons. NeuroToxicology, 2017, 62, 111-123.	3.0	33
28	Intermittent Stimulation of the Nucleus Basalis of Meynert Improves Working Memory in Adult Monkeys. Current Biology, 2017, 27, 2640-2646.e4.	3.9	51
29	Potential for intermittent stimulation of nucleus basalis of Meynert to impact treatment of alzheimer's disease. Communicative and Integrative Biology, 2017, 10, e1389359.	1.4	12
30	Tone identification behavior in Rattus norvegicus : muscarinic receptor blockage lowers responsiveness in nontarget selective neurons, while nicotinic receptor blockage selectively lowers target responses. European Journal of Neuroscience, 2017, 46, 1779-1789.	2.6	0
31	Synthesis and biological evaluation of ranitidine analogs as multiple-target-directed cognitive enhancers for the treatment of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5573-5579.	2.2	8
32	Neutral Sphingomyelinase-2 Deficiency Ameliorates Alzheimer's Disease Pathology and Improves Cognition in the 5XFAD Mouse. Journal of Neuroscience, 2016, 36, 8653-8667.	3.6	177
33	Regulation of Î±2B-Adrenergic Receptor Cell Surface Transport by GGA1 and GGA2. Scientific Reports, 2016, 6, 37921.	3.3	17
34	GGA3 Interacts with a G Protein-Coupled Receptor and Modulates Its Cell Surface Export. Molecular and Cellular Biology, 2016, 36, 1152-1163.	2.3	23
35	Diisopropylfluorophosphate Impairs the Transport of Membrane-Bound Organelles in Rat Cortical Axons. Journal of Pharmacology and Experimental Therapeutics, 2016, 356, 645-655.	2.5	34
36	Effects of the nicotinic agonist varenicline on the performance of tasks of cognition in aged and middle-aged rhesus and pigtail monkeys. Psychopharmacology, 2016, 233, 761-771.	3.1	21

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37	Pharmacokinetics of cotinine in rats: A potential therapeutic agent for disorders of cognitive function. Pharmacological Reports, 2015, 67, 494-500.	3.3	10
38	Repeated exposure to chlorpyrifos leads to prolonged impairments of axonal transport in the living rodent brain. NeuroToxicology, 2015, 47, 17-26.	3.0	52
39	R-(+) and S-(â^') Isomers of Cotinine Augment Cholinergic Responses In Vitro and In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 405-418.	2.5	32
40	Nicotinic ligands as multifunctional agents for the treatment of neuropsychiatric disorders. Biochemical Pharmacology, 2015, 97, 388-398.	4.4	40
41	Bio-generation of stable isotope-labeled internal standards for absolute and relative quantitation of phase II drug metabolites in plasma samples using LCâ€“MS/MS. Analytical and Bioanalytical Chemistry, 2015, 407, 4053-4063.	3.7	9
42	Attention. Handbook of Experimental Pharmacology, 2015, 228, 161-189.	1.8	11
43	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). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1002, 71-77.	2.3	13
44	Repeated exposures to diisopropylfluorophosphate result in impairments of sustained attention and persistent alterations of inhibitory response control in rats. Neurotoxicology and Teratology, 2014, 44, 18-29.	2.4	26
45	Evaluation of nicotine and cotinine analogs as potential neuroprotective agents for Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1472-1478.	2.2	46
46	Alpha 2A adrenergic receptor agonist, guanfacine, attenuates cocaine-related impairments of inhibitory response control and working memory in animal models. Pharmacology Biochemistry and Behavior, 2014, 126, 63-72.	2.9	13
47	Effects of the nicotinic Î±7 receptor partial agonist GTS-21 on NMDA-glutamatergic receptor related deficits in sensorimotor gating and recognition memory in rats. Psychopharmacology, 2014, 231, 3695-3706.	3.1	36
48	Positive allosteric modulator of alpha 7 nicotinic-acetylcholine receptors, PNU-120596 augments the effects of donepezil on learning and memory in aged rodents and non-human primates. Neuropharmacology, 2013, 67, 201-212.	4.1	90
49	Variable maternal stress in rats alters locomotor activity, social behavior, and recognition memory in the adult offspring. Pharmacology Biochemistry and Behavior, 2013, 104, 47-61.	2.9	29
50	Exposure to variable prenatal stress in rats: Effects on anxiety-related behaviors, innate and contextual fear, and fear extinction. Behavioural Brain Research, 2013, 238, 279-288.	2.2	80
51	Chromosome 21-derived microRNAs provide an etiological basis for aberrant protein expression in human down syndrome brains.. Journal of Biological Chemistry, 2013, 288, 4228.	3.4	4
52	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. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 547-556.	2.5	17
53	Cysteamine treatment ameliorates alterations in GAD67 expression and spatial memory in heterozygous reeler mice. International Journal of Neuropsychopharmacology, 2012, 15, 1073-1086.	2.1	22
54	Variable prenatal stress results in impairments of sustained attention and inhibitory response control in a 5-choice serial reaction time task in rats. Neuroscience, 2012, 218, 126-137.	2.3	30

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55	Quantitation of cotinine and its metabolites in rat plasma and brain tissue by hydrophilic interaction chromatography tandem mass spectrometry (HILICâ€“MS/MS). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 907, 117-125.	2.3	26
56	Determination of aripiprazole in rat plasma and brain using ultraâ€performance liquid chromatography/electrospray ionization tandem mass spectrometry. Biomedical Chromatography, 2012, 26, 1325-1332.	1.7	26
57	An Aqueous Orally Active Vaccine Targeted Against a RAGE/AB Complex as a Novel Therapeutic for Alzheimerâ€™s Disease. NeuroMolecular Medicine, 2012, 14, 119-130.	3.4	18
58	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. Biochemical Pharmacology, 2012, 83, 941-951.	4.4	47
59	Chronic impairments in spatial learning and memory in rats previously exposed to chlorpyrfos or diisopropylfluorophosphate. Neurotoxicology and Teratology, 2012, 34, 1-8.	2.4	51
60	Age-dependent alterations in nerve growth factor (NGF)-related proteins, sortilin, and learning and memory in rats. Physiology and Behavior, 2011, 102, 149-157.	2.1	72
61	The use-dependent, nicotinic antagonist BTMPS reduces the adverse consequences of morphine self-administration in rats in an abstinence model of drug seeking. Neuropharmacology, 2011, 61, 798-806.	4.1	7
62	Repeated, intermittent exposures to diisopropylfluorophosphate in rats: protracted effects on cholinergic markers, nerve growth factor-related proteins, and cognitive function. Neuroscience, 2011, 176, 237-253.	2.3	25
63	The acute effects of dimebolin, a potential Alzheimer's disease treatment, on working memory in rhesus monkeys. British Journal of Pharmacology, 2011, 164, 970-978.	5.4	28
64	Alzheimer's disease and age-related memory decline (preclinical). Pharmacology Biochemistry and Behavior, 2011, 99, 190-210.	2.9	72
65	Neurobiology of nAChRs and cognition: A mini review of Dr. Jerry J. Buccafusco's contributions over a 25 year career. Biochemical Pharmacology, 2011, 82, 883-890.	4.4	7
66	RG3487, a Novel Nicotinic Î±7 Receptor Partial Agonist, Improves Cognition and Sensorimotor Gating in Rodents. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 242-253.	2.5	112
67	The Prototypical Ranitidine Analog JWS-USC-75-IX Improves Information Processing and Cognitive Function in Animal Models. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 751-766.	2.5	9
68	Effects of Chlorpyrifos and Chlorpyrifos-Oxon on the Dynamics and Movement of Mitochondria in Rat Cortical Neurons. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 341-349.	2.5	66
69	Behavioral Defects in Chaperone-Deficient Alzheimer's Disease Model Mice. PLoS ONE, 2011, 6, e16550.	2.5	33
70	Cysteamine Attenuates the Decreases in TrkB Protein Levels and the Anxiety/Depression-Like Behaviors in Mice Induced by Corticosterone Treatment. PLoS ONE, 2011, 6, e26153.	2.5	50
71	Chronic antipsychotic treatment: protracted decreases in phospho-TrkA levels in the rat hippocampus. International Journal of Neuropsychopharmacology, 2010, 13, 799-805.	2.1	7
72	An inverse relationship between cortisol and BDNF levels in schizophrenia: Data from human postmortem and animal studies. Neurobiology of Disease, 2010, 39, 327-333.	4.4	126

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73	Repeated exposures to low-level chlorpyrifos results in impairments in sustained attention and increased impulsivity in rats. Neurotoxicology and Teratology, 2010, 32, 415-424.	2.4	80
74	Letter in response to Juberg and Burns. Neurotoxicology and Teratology, 2010, 32, 649-650.	2.4	0
75	Treatments for neuropathic pain differentially affect delayed matching accuracy by macaques: Effects of amitriptyline and gabapentin. Pain, 2010, 148, 446-453.	4.2	7
76	Neuroprotective effects and mechanism of cognitive-enhancing choline analogs JWB 1-84-1 and JAY 2-22-33 in neuronal culture and Caenorhabditis elegans. Molecular Neurodegeneration, 2010, 5, 59.	10.8	16
77	Neurodevelopmental Animal Models of Schizophrenia: Role in Novel Drug Discovery and Development. Clinical Schizophrenia and Related Psychoses, 2010, 4, 124-137.	1.4	52
78	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1211-1216.	7.1	281
79	Chromosome 21-derived MicroRNAs Provide an Etiological Basis for Aberrant Protein Expression in Human Down Syndrome Brains*. Journal of Biological Chemistry, 2010, 285, 1529-1543.	3.4	100
80	A reversible model of the cognitive impairment associated with schizophrenia in monkeys: Potential therapeutic effects of two nicotinic acetylcholine receptor agonists. Biochemical Pharmacology, 2009, 78, 852-862.	4.4	75
81	Protracted cognitive effects produced by clonidine in Macaca nemestrina performing a delayed matching task. Psychopharmacology, 2009, 202, 477-485.	3.1	10
82	Desensitization of Nicotinic Acetylcholine Receptors as a Strategy for Drug Development. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 364-370.	2.5	136
83	The scopolamine-reversal paradigm in rats and monkeys: the importance of computer-assisted operant-conditioning memory tasks for screening drug candidates. Psychopharmacology, 2008, 199, 481-494.	3.1	60
84	Determination of diisopropylfluorophosphate in rat plasma and brain tissue by headspace solidâ€phase microextraction gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 3069-3075.	1.5	8
85	Bioanalytical methods for the determination of antipsychotic drugs. Biomedical Chromatography, 2008, 22, 671-687.	1.7	37
86	Determination of the lipophilic antipsychotic drug ziprasidone in rat plasma and brain tissue using liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2008, 22, 770-778.	1.7	28
87	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. Chemico-Biological Interactions, 2008, 175, 180-186.	4.0	71
88	Negative effects of chronic oral chlorpromazine and olanzapine treatment on the performance of tasks designed to assess spatial learning and working memory in rats. Neuroscience, 2008, 156, 1005-1016.	2.3	29
89	Experimental validation of miRNA targets. Methods, 2008, 44, 47-54.	3.8	315
90	Cognitive dysfunction in neuropsychiatric disorders: Selected serotonin receptor subtypes as therapeutic targets. Behavioural Brain Research, 2008, 195, 30-38.	2.2	98

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91	Up-regulation of calcyon results in locomotor hyperactivity and reduced anxiety in mice. Behavioural Brain Research, 2008, 189, 244-249.	2.2	24
92	Comparison of Time-of-Flight Mass Spectrometry to Triple Quadrupole Tandem Mass Spectrometry for Quantitative Bioanalysis: Application to Antipsychotics. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2737-2751.	1.0	21
93	Erythropoietin Prevents Haloperidol Treatment-Induced Neuronal Apoptosis through Regulation of BDNF. Neuropsychopharmacology, 2008, 33, 1942-1951.	5.4	41
94	Role of the Central Cholinergic System in the Therapeutics of Schizophrenia. Current Neuropharmacology, 2008, 6, 286-292.	2.9	41
95	Time-Dependent Cognitive Deficits Associated with First and Second Generation Antipsychotics: Cholinergic Dysregulation as a Potential Mechanism. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 961-968.	2.5	62
96	Chronic, Intermittent Exposure to Chlorpyrifos in Rats: Protracted Effects on Axonal Transport, Neurotrophin Receptors, Cholinergic Markers, and Information Processing. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 1117-1128.	2.5	85
97	Determination of Chlorpyrifos and its Metabolites in Rat Blood Using Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 273-285.	1.0	8
98	Galantamine and donepezil attenuate pharmacologically induced deficits in prepulse inhibition in rats. Neuropharmacology, 2007, 52, 542-551.	4.1	57
99	The effects of JWB1-84-1 on memory-related task performance by amyloid AÎ² transgenic mice and by young and aged monkeys. Neuropharmacology, 2007, 53, 588-600.	4.1	37
100	Microtubule-associated targets in chlorpyrifos oxon hippocampal neurotoxicity. Neuroscience, 2007, 146, 330-339.	2.3	74
101	Oral haloperidol or risperidone treatment in rats: Temporal effects on nerve growth factor receptors, cholinergic neurons, and memory performance. Neuroscience, 2007, 146, 1316-1332.	2.3	60
102	Protracted effects of chronic oral haloperidol and risperidone on nerve growth factor, cholinergic neurons, and spatial reference learning in rats. Neuroscience, 2007, 150, 413-424.	2.3	36
103	Disconnection between activation and desensitization of autonomic nicotinic receptors by nicotine and cotinine. Neuroscience Letters, 2007, 413, 68-71.	2.1	28
104	Neurotrophins and schizophrenia. Schizophrenia Research, 2007, 94, 1-11.	2.0	149
105	Sensitive liquid chromatography/tandem mass spectrometry method for the determination of the lipophilic antipsychotic drug chlorpromazine in rat plasma and brain tissue. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 854, 68-76.	2.3	35
106	Simultaneous determination of five antipsychotic drugs in rat plasma by high performance liquid chromatography with ultraviolet detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 856, 20-28.	2.3	72
107	Sensitive liquid chromatography/tandem mass spectrometry method for the simultaneous determination of olanzapine, risperidone, 9-hydroxyrisperidone, clozapine, haloperidol and ziprasidone in rat brain tissue. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 858, 276-281.	2.3	72
108	Liquid chromatography/tandem mass spectrometry method for the simultaneous determination of olanzapine, risperidone, 9-hydroxyrisperidone, clozapine, haloperidol and ziprasidone in rat plasma. Rapid Communications in Mass Spectrometry, 2007, 21, 920-928.	1.5	50

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109	Profile of nicotinic acetylcholine receptor agonists ABT-594 and A-582941, with differential subtype selectivity, on delayed matching accuracy by young monkeys. Biochemical Pharmacology, 2007, 74, 1202-1211.	4.4	49
110	Time dependent decreases in central Î±7 nicotinic acetylcholine receptors associated with haloperidol and risperidone treatment in rats. European Journal of Pharmacology, 2007, 571, 29-32.	3.5	8
111	Chlorpyrifos, chlorpyrifos-oxon, and diisopropylfluorophosphate inhibit kinesin-dependent microtubule motility. Toxicology and Applied Pharmacology, 2007, 218, 20-29.	2.8	64
112	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. Journal of Psychiatric Research, 2007, 41, 372-386.	3.1	128
113	MHP-133, a Drug with Multiple CNS Targets: Potential for Neuroprotection and Enhanced Cognition. Neurochemical Research, 2007, 32, 1224-1237.	3.3	6
114	Differential effects of long-term treatment with typical and atypical antipsychotics on NGF and BDNF levels in rat striatum and hippocampus. Schizophrenia Research, 2006, 82, 95-106.	2.0	121
115	Chronic treatment with first or second generation antipsychotics in rodents: Effects on high affinity nicotinic and muscarinic acetylcholine receptors in the brain. Neuroscience, 2006, 140, 1277-1287.	2.3	42
116	Determination of chlorpyrifos and its metabolites in rat brain tissue using coupled-column liquid chromatography/electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 2689-2695.	1.5	28
117	ELISA methods to measure cholinergic markers and nerve growth factor receptors in cortex, hippocampus, prefrontal cortex, and basal forebrain from rat brain. Journal of Neuroscience Methods, 2006, 150, 159-173.	2.5	40
118	Comparison of Galantamine and Donepezil for Effects on Nerve Growth Factor, Cholinergic Markers, and Memory Performance in Aged Rats. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 679-694.	2.5	76
119	Time-Dependent Effects of Haloperidol and Ziprasidone on Nerve Growth Factor, Cholinergic Neurons, and Spatial Learning in Rats. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 709-724.	2.5	39
120	Muscarinic Receptor Antagonists in Rats. Frontiers in Neuroscience, 2006, , 5-20.	0.0	3
121	Selective serotonin 5-HT2A receptor antagonist EMD 281014 improves delayed matching performance in young and aged rhesus monkeys. Psychopharmacology, 2005, 179, 725-732.	3.1	45
122	Novel analogs of choline as potential neuroprotective agents. Journal of Alzheimer's Disease, 2005, 6, S85-S92.	2.6	7
123	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. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 1274-1289.	2.5	115
124	Effect of repeated nicotine exposure on high-affinity nicotinic acetylcholine receptor density in spontaneously hypertensive rats. Neuroscience Letters, 2005, 382, 158-163.	2.1	13
125	Repeated nicotine exposure in rats: Effects on memory function, cholinergic markers and nerve growth factor. Neuroscience, 2005, 130, 997-1012.	2.3	98
126	Chronic exposure to typical or atypical antipsychotics in rodents: Temporal effects on central Î±7 nicotinic acetylcholine receptors. Neuroscience, 2005, 136, 519-529.	2.3	45

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127	Cotinine, a Neuroactive Metabolite of Nicotine: Potential for Treating Disorders of Impaired Cognition. CNS Neuroscience & Therapeutics, 2005, 11, 229-252.	4.0	70
128	Differential effects of typical and atypical antipsychotics on nerve growth factor and choline acetyltransferase expression in the cortex and nucleus basalis of rats. Journal of Psychiatric Research, 2004, 38, 521-529.	3.1	44
129	Donepezil-Induced Improvement in Delayed Matching Accuracy by Young and Old Rhesus Monkeys. Journal of Molecular Neuroscience, 2004, 24, 085-092.	2.3	25
130	Modulation of nerve growth factor and choline acetyltransferase expression in rat hippocampus after chronic exposure to haloperidol, risperidone, and olanzapine. Psychopharmacology, 2004, 172, 365-374.	3.1	50
131	The effects of IDRA 21, a positive modulator of the AMPA receptor, on delayed matching performance by young and aged rhesus monkeys. Neuropharmacology, 2004, 46, 10-22.	4.1	35
132	Drugs that target serotonergic receptors. , 2004, , 79-88.		1
133	The Cholinergic Hypothesis of Age and Alzheimer's Disease-Related Cognitive Deficits: Recent Challenges and Their Implications for Novel Drug Development. Journal of Pharmacology and Experimental Therapeutics, 2003, 306, 821-827.	2.5	940
134	Enhanced attention in rhesus monkeys as a common factor for the cognitive effects of drugs with abuse potential. Psychopharmacology, 2003, 169, 150-160.	3.1	25
135	Relative levels of cytoprotection produced by analogs of choline and the role of ?7-nicotinic acetylcholine receptors. Synapse, 2003, 47, 262-269.	1.2	35
136	The potential role of cotinine in the cognitive and neuroprotective actions of nicotine. Life Sciences, 2003, 72, 2931-2942.	4.3	57
137	Sex dimorphisms in the cognitive-enhancing action of the Alzheimerâ€™s drug donepezil in aged Rhesus monkeys. Neuropharmacology, 2003, 44, 381-389.	4.1	30
138	Potential cognitive actions of (n-propargly-(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. Neuroscience, 2003, 119, 669-678.	2.3	34
139	Repeated Exposures to Subthreshold Doses of Chlorpyrifos in Rats: Hippocampal Damage, Impaired Axonal Transport, and Deficits in Spatial Learning. Journal of Pharmacology and Experimental Therapeutics, 2003, 305, 375-384.	2.5	96
140	Differential Effects of Haloperidol, Risperidone, and Clozapine Exposure on Cholinergic Markers and Spatial Learning Performance in Rats. Neuropsychopharmacology, 2003, 28, 300-309.	5.4	80
141	Spontaneously hypertensive rats: further evaluation of age-related memory performance and cholinergic marker expression. Journal of Psychiatry and Neuroscience, 2003, 28, 197-209.	2.4	42
142	Effects of (Â±)-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. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 284-292.	2.5	60
143	Nicotine increases the expression of high affinity nerve growth factor receptors in both in vitro and in vivo. Life Sciences, 2002, 70, 1543-1554.	4.3	46
144	A computer-assisted cognitive test battery for aged monkeys. Journal of Molecular Neuroscience, 2002, 19, 179-185.	2.3	26

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145	Memory-related task performance by aged rhesus monkeys administered the muscarinic M 1 -preferring agonist, talsaclidine. Psychopharmacology, 2002, 162, 292-300.	3.1	27
146	Differential effects of chronic haloperidol and olanzapine exposure on brain cholinergic markers and spatial learning in rats. Psychopharmacology, 2002, 164, 360-368.	3.1	63
147	Dahl salt-sensitive and salt-resistant rats: examination of learning and memory performance, blood pressure, and the expression of central nicotinic acetylcholine receptors. Neuroscience, 2001, 103, 351-363.	2.3	19
148	Nicotine and Cognition in Young and Aged Nonhuman Primates. Frontiers in Neuroscience, 2001, , .	0.0	0
149	Protractive effects of chronic treatment with an acutely sub-toxic regimen of diisopropylflurophosphate on the expression of cholinergic receptor densities in rats. Brain Research, 2000, 882, 9-18.	2.2	28
150	Deficits in spatial learning and nicotinicâ€“acetylcholine receptors in older, spontaneously hypertensive rats. Neuroscience, 2000, 101, 357-368.	2.3	56
151	Evaluation of two rodent delayed-response memory tasks A method with retractable levers versus a method with closing doors. Physiology and Behavior, 2000, 70, 233-241.	2.1	3
152	Plasma Membrane Ordering Agent Pluronic F-68 (PF-68) Reduces Neurotransmitter Uptake and Release and Produces Learning and Memory Deficits in Rats. Learning and Memory, 1999, 6, 634-649.	1.3	30
153	Ranitidine analog, JWS-USC-75IX, enhances memory-related task performance in rats. Drug Development Research, 1999, 47, 97-106.	2.9	20
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155	Effects of Chronic, Low-Level Organophosphate Exposure on Delayed Recall, Discrimination, and Spatial Learning in Monkeys and Rats. Neurotoxicology and Teratology, 1998, 20, 115-122.	2.4	65
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