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	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
2	Experimental validation of miRNA targets. Methods, 2008, 44, 47-54.	3.8	315
3	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
4	Neurotoxicity in acute and repeated organophosphate exposure. Toxicology, 2018, 408, 101-112.	4.2	197
5	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
6	Neurotrophins and schizophrenia. Schizophrenia Research, 2007, 94, 1-11.	2.0	149
7	Desensitization of Nicotinic Acetylcholine Receptors as a Strategy for Drug Development. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 364-370.	2.5	136
8	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
9	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
10	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
11	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
12	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
13	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
14	Improvement in performance of a delayed matching-to-sample task by monkeys following ABT-418: a novel cholinergic channel activator for memory enhancement. Psychopharmacology, 1995, 120, 256-266.	3.1	98
15	Repeated nicotine exposure in rats: Effects on memory function, cholinergic markers and nerve growth factor. Neuroscience, 2005, 130, 997-1012.	2.3	98
16	Cognitive dysfunction in neuropsychiatric disorders: Selected serotonin receptor subtypes as therapeutic targets. Behavioural Brain Research, 2008, 195, 30-38.	2.2	98
17	Central nicotinic receptor agonists ABT-418, ABT-089, and (-)-nicotine reduce distractibility in adult monkeys. Psychopharmacology, 1998, 136, 50-58.	3.1	97
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Microtubule-associated targets in chlorpyrifos oxon hippocampal neurotoxicity. Neuroscience, 2007, 146, 330-339.	2.3	74
27	Cognitive impairment in spontaneously hypertensive rats: role of central nicotinic receptors. Part II. Brain Research, 1997, 771, 104-114.	2.2	73
28	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
29	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
30	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
31	Alzheimer's disease and age-related memory decline (preclinical). Pharmacology Biochemistry and Behavior, 2011, 99, 190-210.	2.9	72
32	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
33	Cotinine, a Neuroactive Metabolite of Nicotine: Potential for Treating Disorders of Impaired Cognition. CNS Neuroscience & Therapeutics, 2005, 11, 229-252.	4.0	70
34	Enhanced delayed matching performance in younger and older macaques administered the 5-HT 4 receptor agonist, RS 17017. Psychopharmacology, 1998, 135, 407-415.	3.1	69
35	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
36	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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37	Chlorpyrifos, chlorpyrifos-oxon, and diisopropylfluorophosphate inhibit kinesin-dependent microtubule motility. Toxicology and Applied Pharmacology, 2007, 218, 20-29.	2.8	64
38	Nitric Oxide Synthase Inhibition Impairs Spatial Navigation Learning and Induces Conditioned Taste Aversion. Pharmacology Biochemistry and Behavior, 1997, 57, 347-352.	2.9	63
39	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
40	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
41	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
42	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
43	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
44	Reversal of Scopolamine-Induced Deficits in Navigational Memory Performance by the Seed Oil of Celastrus paniculatus. Pharmacology Biochemistry and Behavior, 1997, 57, 793-799.	2.9	59
45	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
46	Scopolamine reversal of nicotine enhanced delayed matching-to-sample performance in monkeys. Pharmacology Biochemistry and Behavior, 1993, 45, 925-929.	2.9	58
47	The potential role of cotinine in the cognitive and neuroprotective actions of nicotine. Life Sciences, 2003, 72, 2931-2942.	4.3	57
48	Galantamine and donepezil attenuate pharmacologically induced deficits in prepulse inhibition in rats. Neuropharmacology, 2007, 52, 542-551.	4.1	57
49	Deficits in spatial learning and nicotinicâ€“acetylcholine receptors in older, spontaneously hypertensive rats. Neuroscience, 2000, 101, 357-368.	2.3	56
50	Chronic, low-level exposure to diisopropylfluorophosphate causes protracted impairment of spatial navigation learning. Psychopharmacology, 1997, 129, 183-191.	3.1	55
51	Neurodevelopmental Animal Models of Schizophrenia: Role in Novel Drug Discovery and Development. Clinical Schizophrenia and Related Psychoses, 2010, 4, 124-137.	1.4	52
52	Repeated exposure to chlorpyrifos leads to prolonged impairments of axonal transport in the living rodent brain. NeuroToxicology, 2015, 47, 17-26.	3.0	52
53	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
54	Intermittent Stimulation of the Nucleus Basalis of Meynert Improves Working Memory in Adult Monkeys. Current Biology, 2017, 27, 2640-2646.e4.	3.9	51

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	Effects of Concomitant Cholinergic and Adrenergic Stimulation on Learning and Memory Performance by Young and Aged Monkeys. Cerebral Cortex, 1993, 3, 304-312.	2.9	45
63	Dose-specific improvements in memory-related task performance by rats and aged monkeys administered the nicotinic-cholinergic antagonist mecamylamine. Drug Development Research, 1999, 47, 127-136.	2.9	45
64	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
65	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
66	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
67	Nicotine stimulation of nerve growth factor receptor expression. Life Sciences, 1994, 55, PL91-PL98.	4.3	43
68	Lobeline and structurally simplified analogs exhibit differential agonist activity and sensitivity to antagonist blockade when compared to nicotine. Neuropharmacology, 1998, 37, 93-102.	4.1	42
69	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
70	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
71	Erythropoietin Prevents Haloperidol Treatment-Induced Neuronal Apoptosis through Regulation of BDNF. Neuropsychopharmacology, 2008, 33, 1942-1951.	5.4	41
72	Role of the Central Cholinergic System in the Therapeutics of Schizophrenia. Current Neuropharmacology, 2008, 6, 286-292.	2.9	41

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73	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
74	Nicotinic ligands as multifunctional agents for the treatment of neuropsychiatric disorders. Biochemical Pharmacology, 2015, 97, 388-398.	4.4	40
75	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. Psychopharmacology, 1997, 130, 276-284.	3.1	39
76	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
77	Effects of stimulation or blockade of central nicotinic-cholinergic receptors on performance of a novel version of the rat stimulus discrimination task. Psychopharmacology, 1996, 123, 172-181.	3.1	37
78	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
79	Bioanalytical methods for the determination of antipsychotic drugs. Biomedical Chromatography, 2008, 22, 671-687.	1.7	37
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	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
88	Chlorpyrifos and chlorpyrifos oxon impair the transport of membrane bound organelles in rat cortical axons. NeuroToxicology, 2017, 62, 111-123.	3.0	33
89	Behavioral Defects in Chaperone-Deficient Alzheimer's Disease Model Mice. PLoS ONE, 2011, 6, e16550.	2.5	33
90	R-(+) and S-(âˆ') Isomers of Cotinine Augment Cholinergic Responses In Vitro and In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 405-418.	2.5	32

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91	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
92	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
93	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
94	Spinal NMDA receptor â€" nitric oxide mediation of the expression of morphine withdrawal symptoms in the rat. Brain Research, 1995, 679, 189-199.	2.2	29
95	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
96	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
97	Nicotinic Acetylcholine Receptor Ligands, Cognitive Function, and Preclinical Approaches to Drug Discovery. Nicotine and Tobacco Research, 2019, 21, 383-394.	2.6	29
98	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
99	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
100	Disconnection between activation and desensitization of autonomic nicotinic receptors by nicotine and cotinine. Neuroscience Letters, 2007, 413, 68-71.	2.1	28
101	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
102	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
103	Memory-related task performance by aged rhesus monkeys administered the muscarinic M 1 -preferring agonist, talsaclidine. Psychopharmacology, 2002, 162, 292-300.	3.1	27
104	A computer-assisted cognitive test battery for aged monkeys. Journal of Molecular Neuroscience, 2002, 19, 179-185.	2.3	26
105	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
106	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
107	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
108	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

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109	Donepezil-Induced Improvement in Delayed Matching Accuracy by Young and Old Rhesus Monkeys. Journal of Molecular Neuroscience, 2004, 24, 085-092.	2.3	25
110	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
111	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
112	Up-regulation of calcyon results in locomotor hyperactivity and reduced anxiety in mice. Behavioural Brain Research, 2008, 189, 244-249.	2.2	24
113	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
114	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
115	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
116	Intermittent stimulation in the nucleus basalis of meynert improves sustained attention in rhesus monkeys. Neuropharmacology, 2018, 137, 202-210.	4.1	22
117	Isoarecolone-induced enhancement of delayed matching to sample performance in monkeys: role of nicotinic receptors. NeuroReport, 1995, 6, 1223-1227.	1.2	21
118	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
119	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
120	Ranitidine analog, JWS-USC-75IX, enhances memory-related task performance in rats. Drug Development Research, 1999, 47, 97-106.	2.9	20
121	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
122	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
123	Velnacrine maleate improves delayed matching performance by aged monkeys. Psychopharmacology, 1995, 119, 391-398.	3.1	17
124	Spinal muscarinic cholinergic and nitric oxide systems in cardiovascular regulation. European Journal of Pharmacology, 1996, 313, 211-220.	3.5	17
125	The 5-HT3 receptor antagonist, RS-56812, enhances delayed matching performance in monkeys. NeuroReport, 1996, 8, 49-54.	1.2	17
126	Cholinergic channel activator, ABT-418, enhances delayed-response accuracy in rats. Drug Development Research, 1997, 40, 304-312.	2.9	17

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127	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
128	Regulation of Î±2B-Adrenergic Receptor Cell Surface Transport by GGA1 and GGA2. Scientific Reports, 2016, 6, 37921.	3.3	17
129	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
130	Tropisetron enhances recognition memory in rats chronically treated with risperidone or quetiapine. Biochemical Pharmacology, 2018, 151, 180-187.	4.4	16
131	Nitric Oxide Synthase Inhibition Impairs Delayed Recall in Mature Monkeys. Pharmacology Biochemistry and Behavior, 1997, 56, 81-87.	2.9	15
132	Inhibition of brain choline uptake by isoarecolone and lobeline derivatives: implications for potential vector-mediated brain drug delivery. Neuroscience Letters, 1998, 258, 25-28.	2.1	14
133	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
134	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
135	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
136	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
137	Rab43 GTPase directs postsynaptic trafficking and neuron-specific sorting of G proteinâ€“coupled receptors. Journal of Biological Chemistry, 2021, 296, 100517.	3.4	13
138	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
139	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
140	A cellular approach to understanding and treating Gulf War Illness. Cellular and Molecular Life Sciences, 2021, 78, 6941-6961.	5.4	12
141	Attention. Handbook of Experimental Pharmacology, 2015, 228, 161-189.	1.8	11
142	Differential effects of alkaloids on memory in rodents. Scientific Reports, 2021, 11, 9843.	3.3	11
143	Protracted cognitive effects produced by clonidine in Macaca nemestrina performing a delayed matching task. Psychopharmacology, 2009, 202, 477-485.	3.1	10
144	Pharmacokinetics of cotinine in rats: A potential therapeutic agent for disorders of cognitive function. Pharmacological Reports, 2015, 67, 494-500.	3.3	10

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145	A rapid microtechnique for the estimation of muscarinic and nicotinic receptor binding parameters using 96-well filtration plates. Journal of Neuroscience Methods, 1995, 63, 121-125.	2.5	9
146	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
147	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
148	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
149	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
150	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
151	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
152	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
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154	Chronic antipsychotic treatment: protracted decreases in phospho-TrkA levels in the rat hippocampus. International Journal of Neuropsychopharmacology, 2010, 13, 799-805.	2.1	7
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