

Mark G Packard

List of Publications by Year in descending order

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93
papers

11,153
citations

41344

49
h-index

48315

88
g-index

93
all docs

93
docs citations

93
times ranked

7828
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning and Memory Functions of the Basal Ganglia. <i>Annual Review of Neuroscience</i> , 2002, 25, 563-593.	10.7	1,609
2	Inactivation of Hippocampus or Caudate Nucleus with Lidocaine Differentially Affects Expression of Place and Response Learning. <i>Neurobiology of Learning and Memory</i> , 1996, 65, 65-72.	1.9	1,307
3	Competition among multiple memory systems: converging evidence from animal and human brain studies. <i>Neuropsychologia</i> , 2003, 41, 245-251.	1.6	808
4	Double dissociation of fornix and caudate nucleus lesions on acquisition of two water maze tasks: Further evidence for multiple memory systems.. <i>Behavioral Neuroscience</i> , 1992, 106, 439-446.	1.2	598
5	Amygdala Is Critical for Stress-Induced Modulation of Hippocampal Long-Term Potentiation and Learning. <i>Journal of Neuroscience</i> , 2001, 21, 5222-5228.	3.6	479
6	Dissociation of hippocampus and caudate nucleus memory systems by posttraining intracerebral injection of dopamine agonists.. <i>Behavioral Neuroscience</i> , 1991, 105, 295-306.	1.2	403
7	Amygdala Modulation of Multiple Memory Systems: Hippocampus and Caudate-Putamen. <i>Neurobiology of Learning and Memory</i> , 1998, 69, 163-203.	1.9	287
8	The dopaminergic mesencephalic projections to the hippocampal formation in the rat. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1997, 21, 1-22.	4.8	238
9	Affective modulation of multiple memory systems. <i>Current Opinion in Neurobiology</i> , 2001, 11, 752-756.	4.2	238
10	Anterograde and retrograde tracing of projections from the ventral tegmental area to the hippocampal formation in the rat. <i>Brain Research Bulletin</i> , 1994, 33, 445-452.	3.0	211
11	Posttraining Estrogen and Memory Modulation. <i>Hormones and Behavior</i> , 1998, 34, 126-139.	2.1	189
12	Posttraining Estradiol Injections Enhance Memory in Ovariectomized Rats: Cholinergic Blockade and Synergism. <i>Neurobiology of Learning and Memory</i> , 1997, 68, 172-188.	1.9	166
13	Factors that influence the relative use of multiple memory systems. <i>Hippocampus</i> , 2013, 23, 1044-1052.	1.9	161
14	Anxiety, cognition, and habit: A multiple memory systems perspective. <i>Brain Research</i> , 2009, 1293, 121-128.	2.2	160
15	Double dissociation of hippocampal and dorsal-striatal memory systems by posttraining intracerebral injections of 2-amino-5-phosphonopentanoic acid.. <i>Behavioral Neuroscience</i> , 1997, 111, 543-551.	1.2	149
16	Intra-hippocampal estradiol infusion enhances memory in ovariectomized rats. <i>NeuroReport</i> , 1997, 8, 3009-3013.	1.2	148
17	Amygdala and "emotional" modulation of the relative use of multiple memory systems. <i>Neurobiology of Learning and Memory</i> , 2004, 82, 243-252.	1.9	144
18	Place conditioning with dopamine D1 and D2 agonists injected peripherally or into nucleus accumbens. <i>Psychopharmacology</i> , 1991, 103, 271-276.	3.1	140

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19	Post-training reversible inactivation of hippocampus reveals interference between memory systems. <i>Hippocampus</i> , 2002, 12, 280-284.	1.9	138
20	Dissociation of memory systems: The story unfolds.. <i>Behavioral Neuroscience</i> , 2013, 127, 813-834.	1.2	138
21	Post-Training Cyclooxygenase-2 (COX-2) Inhibition Impairs Memory Consolidation. <i>Learning and Memory</i> , 2002, 9, 41-47.	1.3	135
22	Memory facilitation produced by dopamine agonists: Role of receptor subtype and mnemonic requirements. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 33, 511-518.	2.9	134
23	Testosterone has rewarding affective properties in male rats: Implications for the biological basis of sexual motivation.. <i>Behavioral Neuroscience</i> , 1994, 108, 424-428.	1.2	134
24	Posttraining intrahippocampal estradiol injections enhance spatial memory in male rats: Interaction with cholinergic systems.. <i>Behavioral Neuroscience</i> , 1996, 110, 626-632.	1.2	123
25	Rewarding affective properties of intra-nucleus accumbens injections of testosterone.. <i>Behavioral Neuroscience</i> , 1997, 111, 219-224.	1.2	114
26	Habit Learning in Tourette Syndrome. <i>Archives of General Psychiatry</i> , 2004, 61, 1259.	12.3	114
27	Lesions of the caudate nucleus selectively impair reference memory acquisition in the radial maze. <i>Behavioral and Neural Biology</i> , 1990, 53, 39-50.	2.2	96
28	Memory Systems and the Addicted Brain. <i>Frontiers in Psychiatry</i> , 2016, 7, 24.	2.6	96
29	The amygdala and emotional modulation of competition between cognitive and habit memory. <i>Behavioural Brain Research</i> , 2008, 193, 126-131.	2.2	94
30	Expression of Testosterone Conditioned Place Preference Is Blocked by Peripheral or Intra-accumbens Injection of \pm -Flupenthixol. <i>Hormones and Behavior</i> , 1998, 34, 39-47.	2.1	92
31	Role of dopamine receptor subtypes in the acquisition of a testosterone conditioned place preference in rats. <i>Neuroscience Letters</i> , 2000, 282, 17-20.	2.1	89
32	Emotional arousal and multiple memory systems in the mammalian brain. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 14.	2.0	84
33	Exhumed from thought: Basal ganglia and response learning in the plus-maze. <i>Behavioural Brain Research</i> , 2009, 199, 24-31.	2.2	82
34	The amygdala mediates memory consolidation for an amphetamine conditioned place preference. <i>Behavioural Brain Research</i> , 2002, 129, 93-100.	2.2	78
35	Intra-amygdala anxiogenic drug infusion prior to retrieval biases rats towards the use of habit memory. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 616-623.	1.9	78
36	Emotional modulation of multiple memory systems: implications for the neurobiology of post-traumatic stress disorder. <i>Reviews in the Neurosciences</i> , 2012, 23, 627-43.	2.9	78

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37	Differential induction of c-Jun and Fos-like proteins in rat hippocampus and dorsal striatum after training in two water maze tasks. <i>Neurobiology of Learning and Memory</i> , 2005, 84, 75-84.	1.9	75
38	Annual Research Review: The neurobehavioral development of multiple memory systems – implications for childhood and adolescent psychiatric disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 582-610.	5.2	74
39	Post-training injection of the acetylcholine M2 receptor antagonist AF-DX 116 improves memory. <i>Brain Research</i> , 1990, 524, 72-76.	2.2	73
40	Bioactive lipids in excitatory neurotransmission and neuronal plasticity. <i>Neurochemistry International</i> , 1997, 30, 225-231.	3.8	70
41	Systemic or intra-amygdala injections of glucose facilitate memory consolidation for extinction of drug-induced conditioned reward. <i>European Journal of Neuroscience</i> , 2003, 17, 1482-1488.	2.6	69
42	Exposure to predator odor influences the relative use of multiple memory systems: Role of basolateral amygdala. <i>Neurobiology of Learning and Memory</i> , 2014, 109, 56-61.	1.9	64
43	Amygdala modulates memory for changes in reward magnitude: Reversible post-training inactivation with lidocaine attenuates the response to a reduction in reward. <i>Behavioural Brain Research</i> , 1993, 59, 153-159.	2.2	63
44	Posttraining Injections of MK-801 Produce a Time-Dependent Impairment of Memory in Two Water Maze Tasks. <i>Neurobiology of Learning and Memory</i> , 1997, 68, 42-50.	1.9	61
45	Effects of Intrastratial Injections of Platelet-Activating Factor and the PAF Antagonist BN 52021 on Memory. <i>Neurobiology of Learning and Memory</i> , 1996, 66, 176-182.	1.9	57
46	The influence of cannabinoids on learning and memory processes of the dorsal striatum. <i>Neurobiology of Learning and Memory</i> , 2015, 125, 1-14.	1.9	56
47	Memory enhancement by post-training peripheral administration of low doses of dopamine agonists: Possible autoreceptor effect. <i>Behavioral and Neural Biology</i> , 1993, 59, 230-241.	2.2	54
48	Interaction of cholinergic-dopaminergic systems in the regulation of memory storage in aversively motivated learning tasks. <i>Brain Research</i> , 1993, 627, 72-78.	2.2	54
49	Facilitation of Memory for Extinction of Drug-Induced Conditioned Reward: Role of Amygdala and Acetylcholine. <i>Learning and Memory</i> , 2004, 11, 641-647.	1.3	54
50	A virtual reality-based fMRI study of reward-based spatial learning. <i>Neuropsychologia</i> , 2010, 48, 2912-2921.	1.6	51
51	Habit learning and memory in mammals: Behavioral and neural characteristics. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 198-208.	1.9	51
52	Reward-Based Spatial Learning in Unmedicated Adults With Obsessive-Compulsive Disorder. <i>American Journal of Psychiatry</i> , 2015, 172, 383-392.	7.2	48
53	Posttraining intra-basolateral amygdala scopolamine impairs food- and amphetamine-induced conditioned place preferences.. <i>Behavioral Neuroscience</i> , 2002, 116, 922-927.	1.2	47
54	Medial prefrontal cortex infusions of bupivacaine or AP-5 block extinction of amphetamine conditioned place preference. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 504-512.	1.9	45

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55	Quinpirole and d-amphetamine administration posttraining enhances memory on spatial and cued discriminations in a water maze. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1994, 22, 54-60.	1.3	43
56	Effect of posttraining injections of glucose on acquisition of two appetitive learning tasks. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1990, 18, 282-286.	1.3	42
57	The projections of the retrorubral field A8 to the hippocampal formation in the rat. <i>Experimental Brain Research</i> , 1996, 112, 244-52.	1.5	41
58	Stria Terminalis Lesions Attenuate Memory Enhancement Produced by Intracaudate Nucleus Injections of Oxotremorine. <i>Neurobiology of Learning and Memory</i> , 1996, 65, 278-282.	1.9	37
59	Affective properties of intra-medial preoptic area injections of testosterone in male rats. <i>Neuroscience Letters</i> , 1999, 269, 149-152.	2.1	37
60	Perceptual-motor skill learning in Gilles de la Tourette syndrome Evidence for multiple procedural learning and memory systems. <i>Neuropsychologia</i> , 2005, 43, 1456-1465.	1.6	36
61	Changes in corticostriatal connectivity during reinforcement learning in humans. <i>Human Brain Mapping</i> , 2015, 36, 793-803.	3.6	34
62	Enhancement of striatum-dependent memory by conditioned fear is mediated by beta-adrenergic receptors in the basolateral amygdala. <i>Neurobiology of Stress</i> , 2016, 3, 74-82.	4.0	31
63	Neural Correlates of Reward-Based Spatial Learning in Persons with Cocaine Dependence. <i>Neuropsychopharmacology</i> , 2014, 39, 545-555.	5.4	30
64	Effects of Posttraining Intrahippocampal Injections of Platelet-Activating Factor and PAF Antagonists on Memory. <i>Neurobiology of Learning and Memory</i> , 1998, 70, 349-363.	1.9	29
65	D-Cycloserine enhances memory consolidation of hippocampus-dependent latent extinction. <i>Learning and Memory</i> , 2007, 14, 468-471.	1.3	29
66	Posttraining intra-basolateral amygdala scopolamine impairs food- and amphetamine-induced conditioned place preferences.. <i>Behavioral Neuroscience</i> , 2002, 116, 922-927.	1.2	29
67	Bupirone blocks the enhancing effect of the anxiogenic drug RS 79948-197 on consolidation of habit memory. <i>Behavioural Brain Research</i> , 2012, 234, 299-302.	2.2	26
68	Post-training re-exposure to fear conditioned stimuli enhances memory consolidation and biases rats toward the use of dorsolateral striatum-dependent response learning. <i>Behavioural Brain Research</i> , 2015, 291, 195-200.	2.2	26
69	Evidence of a role for multiple memory systems in behavioral extinction. <i>Neurobiology of Learning and Memory</i> , 2006, 85, 289-299.	1.9	23
70	The basolateral amygdala is a cofactor in memory enhancement produced by intrahippocampal glutamate injections. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 377-385.	1.3	23
71	Dissociation of multiple memory systems by posttraining intracerebral injections of glutamate. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 40-50.	1.3	22
72	Differential Interaction of Platelet-Activating Factor and NMDA Receptor Function in Hippocampal and Dorsal Striatal Memory Processes. <i>Neurobiology of Learning and Memory</i> , 2001, 75, 310-324.	1.9	20

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73	Differential effects of massed and spaced training on place and response learning: A memory systems perspective. <i>Behavioural Processes</i> , 2015, 118, 85-89.	1.1	20
74	Enhancing and impairing extinction of habit memory through modulation of NMDA receptors in the dorsolateral striatum. <i>Neuroscience</i> , 2017, 352, 216-225.	2.3	20
75	The role of the dorsal striatum in extinction: A memory systems perspective. <i>Neurobiology of Learning and Memory</i> , 2018, 150, 48-55.	1.9	20
76	The dorsolateral striatum selectively mediates extinction of habit memory. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 54-62.	1.9	19
77	Differential effects of intra-amygdala lidocaine infusion on memory consolidation and expression of a food conditioned place preference. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2000, 28, 486-491.	1.3	17
78	Cocaine self-administration alters the relative effectiveness of multiple memory systems during extinction. <i>Learning and Memory</i> , 2009, 16, 296-299.	1.3	15
79	The Memory System Engaged During Acquisition Determines the Effectiveness of Different Extinction Protocols. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 314.	2.0	13
80	Emotional modulation of habit memory: neural mechanisms and implications for psychopathology. <i>Current Opinion in Behavioral Sciences</i> , 2018, 20, 25-32.	3.9	13
81	There Is More Than One Kind of Extinction Learning. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 16.	2.5	10
82	Hippocampus NMDA receptors selectively mediate latent extinction of place learning. <i>Hippocampus</i> , 2016, 26, 1115-1123.	1.9	9
83	Task-Dependent Role for Dorsal Striatum Metabotropic Glutamate Receptors in Memory. <i>Learning and Memory</i> , 2001, 8, 96-103.	1.3	8
84	The caudate nucleus and acquisition of win-shift radial-maze behavior: Effect of exposure to the reinforcer during maze adaptation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1992, 20, 127-132.	1.3	8
85	Enhancement of win-shift radial maze retention by peripheral posttraining administration of d-amphetamine and 4-OH amphetamine. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1992, 20, 280-285.	1.3	7
86	Role of Basal Ganglia in Habit Learning and Memory. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 561-569.	0.7	6
87	Differential effects of neural inactivation of the dorsolateral striatum on response and latent extinction.. <i>Behavioral Neuroscience</i> , 2017, 131, 143-148.	1.2	6
88	Neural systems and the emotion-memory link. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107503.	1.9	3
89	Amygdala and Emotional Modulation of Multiple Memory Systems. , 2017, , .		2
90	Behavioral and Neural Mechanisms of Latent Extinction: A Historical Review. <i>Neuroscience</i> , 2022, 497, 157-170.	2.3	1

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91	Dissociating multiple memory systems: Don't forsake the brain. Behavioral and Brain Sciences, 1994, 17, 414-415.	0.7	0
92	Neurobiology of Procedural Learning in Animals. , 2017, , 313-326.		0
93	Multiple Memory Systems. , 2022, , 118-122.		0