# Norman M White

List of Publications by Year
in descending order



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|---|---|---|---|
| 110 papers | 9,393 citations | 61984 43 h-index | 39675 94 g-index |
| 136 all docs | 136 docs citations | 136 times ranked | 4699 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Peter M. Milner, 1919â€"2018. Journal of Psychiatry and Neuroscience, 2018, 43, 428-429. | 2.4 | 0 |
| 2 | Learning not to respond: Role of the hippocampus in withholding responses during omission training. Behavioural Brain Research, 2017, 318, 61-70. | 2.2 | 5 |
| 3 | Multiple Memory Systems in Humans and Rodents â˜†. , 2017, , . | | 0 |
| 4 | Parallel learning in an autoshaping paradigm.. Behavioral Neuroscience, 2016, 130, 376-392. | 1.2 | 15 |
| 5 | Parallel processing of information about location in the amygdala, entorhinal cortex and hippocampus. Hippocampus, 2013, 23, 1075-1083. | 1.9 | 9 |
| 6 | A triple dissociation of memory systems: Hippocampus, amygdala, and dorsal striatum.. Behavioral Neuroscience, 2013, 127, 835-853. | 1.2 | 358 |
| 7 | Effects of post-training heroin and d-amphetamine on consolidation of win-stay learning and fear conditioning. Journal of Psychopharmacology, 2013, 27, 292-301. | 4.0 | 20 |
| 8 | Dissociation of memory systems: The story unfolds.. Behavioral Neuroscience, 2013, 127, 813-834. | 1.2 | 138 |
| 9 | Memory enhancement produced by post-training exposure to sucrose-conditioned cues. F1000Research, 2013, 2, 22. | 1.6 | 3 |
| 10 | Ultrasonic vocalization ratios reflect the influence of motivational state and amygdala lesions on different types of taste avoidance learning. Behavioural Brain Research, 2011, 217, 88-98. | 2.2 | 7 |
| 11 | Lesions of basolateral and central amygdala differentiate conditioned cue preference learning with and without unreinforced preexposure.. Behavioral Neuroscience, 2011, 125, 84-92. | 1.2 | 2 |
| 12 | Reward. Frontiers in Neuroscience, 2011, , 45-60. | 0.0 | 8 |
| 13 | Temporary inactivation of the dorsal entorhinal cortex impairs acquisition and retrieval of spatial information. Neurobiology of Learning and Memory, 2010, 93, 203-207. | 1.9 | 14 |
| 14 | Some highlights of research on the effects of caudate nucleus lesions over the past 200 years. Behavioural Brain Research, 2009, 199, 3-23. | 2.2 | 115 |
| 15 | Roles of learning and motivation in preference behavior: Mediation by entorhinal cortex, dorsal and ventral hippocampus. Hippocampus, 2007, 17, 147-160. | 1.9 | 13 |
| 16 | Unreinforced spatial (latent) learning is mediated by a circuit that includes dorsal entorhinal cortex and fimbria fornix. Hippocampus, 2007, 17, 586-594. | 1.9 | 19 |
| 17 | Neural circuits mediating latent learning and conditioning for salt in the rat. Neurobiology of Learning and Memory, 2006, 86, 91-99. | 1.9 | 5 |
| 18 | Cooperation and competition between the dorsal hippocampus and lateral amygdala in spatial discrimination learning. Hippocampus, 2006, 16, 577-585. | 1.9 | 17 |

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|---|---|---|---|
| 19 | Dorsal hippocampus function in learning and expressing a spatial discrimination. Learning and Memory, 2006, 13, 119-122. | 1.3 | 23 |
| 20 | How independent are parallel memory systems? A theoretical comment on Gibson and Shettleworth (2005).. Behavioral Neuroscience, 2005, 119, 1158-1164. | 1.2 | 3 |
| 21 | Learning the morphine conditioned cue preference: Cue configuration determines effects of lesions. Pharmacology Biochemistry and Behavior, 2005, 81, 786-796. | 2.9 | 33 |
| 22 | Inactivation of the dorsal hippocampus does not affect learning during exploration of a novel environment. Hippocampus, 2005, 15, 1085-1093. | 1.9 | 32 |
| 23 | A latent cue preference based on sodium depletion in rats. Learning and Memory, 2005, 12, 549-552. | 1.3 | 15 |
| 24 | Intra-Amygdala Muscimol Injections Impair Freezing and Place Avoidance in Aversive Contextual Conditioning. Learning and Memory, 2004, 11, 436-446. | 1.3 | 22 |
| 25 | The role of stimulus ambiguity and movement in spatial navigation: A multiple memory systems analysis of location discrimination. Neurobiology of Learning and Memory, 2004, 82, 216-229. | 1.9 | 42 |
| 26 | Effects of Fimbria-Fornix, Hippocampus, and Amygdala Lesions on Discrimination Between Proximal Locations.. Behavioral Neuroscience, 2004, 118, 770-784. | 1.2 | 30 |
| 27 | Amygdala Inactivation Blocks Expression of Conditioned Memory Modulation and the Promotion of Avoidance and Freezing.. Behavioral Neuroscience, 2004, 118, 24-35. | 1.2 | 25 |
| 28 | Involuntary, unreinforced (pure) spatial learning is impaired by fimbria-fornix but not by dorsal hippocampus lesions. Hippocampus, 2003, 13, 324-333. | 1.9 | 16 |
| 29 | Amygdala c-Fos induction corresponds to unconditioned and conditioned aversive stimuli but not to freezing. Behavioural Brain Research, 2003, 152, 109-20. | 2.2 | 34 |
| 30 | Mnemonic functions of dorsal striatum and hippocampus in aversive conditioning. Behavioural Brain Research, 2003, 142, 99-107. | 2.2 | 59 |
| 31 | Effect of Muscimol Inactivation of the Basolateral or Central Amygdala on Shockâ€Conditioned Responses. Annals of the New York Academy of Sciences, 2003, 985, 525-527. | 3.8 | 2 |
| 32 | Multiple Parallel Memory Systems in the Brain of the Rat. Neurobiology of Learning and Memory, 2002, 77, 125-184. | 1.9 | 809 |
| 33 | Conditioned Memory Modulation, Freezing, and Avoidance as Measures of Amygdala-Mediated Conditioned Fear. Neurobiology of Learning and Memory, 2002, 77, 250-275. | 1.9 | 47 |
| 34 | Dorsal hippocampal function in unreinforced spatial learning. Hippocampus, 2000, 10, 226-235. | 1.9 | 27 |
| 35 | Impaired Preference Conditioning after Anterior Temporal Lobe Resection in Humans. Journal of Neuroscience, 2000, 20, 2649-2656. | 3.6 | 104 |
| 36 | Parallel Information Processing in the Dorsal Striatum: Relation to Hippocampal Function. Journal of Neuroscience, 1999, 19, 2789-2798. | 3.6 | 364 |

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|---|---|---|---|
| 37 | Conditioned Preference in Humans: A Novel Experimental Approach. Learning and Motivation, 1999, 30, 250-264. | 1.2 | 33 |
| 38 | Contributions of the hippocampus, amygdala, and dorsal striatum to the response elicited by reward reduction.. Behavioral Neuroscience, 1998, 112, 812-826. | 1.2 | 46 |
| 39 | Cognitive Enhancement: An Everyday Event?. International Journal of Psychology, 1998, 33, 95-105. | 2.8 | 12 |
| 40 | Pharmacological Approaches to the Study of Learning and Memory. , 1998, , 143-176. | | 3 |
| 41 | Mnemonic functions of the basal ganglia. Current Opinion in Neurobiology, 1997, 7, 164-169. | 4.2 | 222 |
| 42 | Dopamine D3 Receptor Mutant Mice Exhibit Increased Behavioral Sensitivity to Concurrent Stimulation of D1 and D2 Receptors. Neuron, 1997, 19, 837-848. | 8.1 | 306 |
| 43 | Systematic comparison of the effects of hippocampal and fornix-fimbria lesions on acquisition of three configural discriminations. , 1997, 7, 371-388. | | 86 |
| 44 | Roles of movement and temporal factors in spatial learning. Hippocampus, 1997, 7, 501-510. | 1.9 | 22 |
| 45 | Effects of NMDA receptor blockade on behaviors differentially affected by fimbria/fornix and amygdala lesions. Cognitive, Affective and Behavioral Neuroscience, 1997, 25, 109-117. | 1.3 | 7 |
| 46 | Addictive drugs as reinforcers: multiple partial actions on memory systems. Addiction, 1996, 91, 921-950. | 3.3 | 132 |
| 47 | Beyond reward and dopamine to multiple causes and individual differences. Addiction, 1996, 91, 960-965. | 3.3 | 0 |
| 48 | Addictive drugs as reinforcers: multiple partial actions on memory systems. Addiction, 1996, 91, 921-950. | 3.3 | 313 |
| 49 | Hippocampal and nonhippocampal contributions to place learning in rats.. Behavioral Neuroscience, 1995, 109, 579-593. | 1.2 | 201 |
| 50 | Information acquired by the hippocampus interferes with acquisition of the amygdala-based conditioned-cue preference in the rat. Hippocampus, 1995, 5, 189-197. | 1.9 | 95 |
| 51 | Emotional Memory:Conceptual and Methodological Issues. , 1995, , 93-100. | | 1 |
| 52 | Parallel information processing in the water maze: Evidence for independent memory systems involving dorsal striatum and hippocampus. Behavioral and Neural Biology, 1994, 61, 260-270. | 2.2 | 681 |
| 53 | Amphetamine conditioned cue preference and the neurobiology of drug-seeking. Seminars in Neuroscience, 1993, 5, 329-336. | 2.2 | 28 |
| 54 | Memory enhancement by post-training peripheral administration of low doses of dopamine agonists: Possible autoreceptor effect. Behavioral and Neural Biology, 1993, 59, 230-241. | 2.2 | 54 |

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|---|---|---|---|
| 55 | A triple dissociation of memory systems: Hippocampus, amygdala, and dorsal striatum.. Behavioral Neuroscience, 1993, 107, 3-22. | 1.2 | 1,130 |
| 56 | The ventral pallidum area is involved in the acquisition but not expression of the amphetamine conditioned place preference. Neuroscience Letters, 1993, 156, 9-12. | 2.1 | 58 |
| 57 | Pipradrol conditioned place preference is blocked by SCH23390. Pharmacology Biochemistry and Behavior, 1992, 43, 377-380. | 2.9 | 14 |
| 58 | The caudate nucleus and acquisition of win-shift radial-maze behavior: Effect of exposure to the reinforcer during maze adaptation. Cognitive, Affective and Behavioral Neuroscience, 1992, 20, 127-132. | 1.3 | 8 |
| 59 | Localized intracaudate dopamine D2 receptor activation during the post-training period improves memory for visual or olfactory conditioned emotional responses in rats. Behavioral and Neural Biology, 1991, 55, 255-269. | 2.2 | 84 |
| 60 | The amphetamine conditioned place preference: differential involvement of dopamine receptor subtypes and two dopaminergic terminal areas. Brain Research, 1991, 552, 141-152. | 2.2 | 149 |
| 61 | Dissociation of hippocampus and caudate nucleus memory systems by posttraining intracerebral injection of dopamine agonists.. Behavioral Neuroscience, 1991, 105, 295-306. | 1.2 | 403 |
| 62 | Place conditioning with dopamine D1 and D2 agonists injected peripherally or into nucleus accumbens. Psychopharmacology, 1991, 103, 271-276. | 3.1 | 140 |
| 63 | Post-training injection of the acetylcholine M2 receptor antagonist AF-DX 116 improves memory. Brain Research, 1990, 524, 72-76. | 2.2 | 73 |
| 64 | The reserpine-sensitive dopamine pool mediates (+)-amphetamine-conditioned reward in the place preference paradigm. Brain Research, 1990, 510, 33-42. | 2.2 | 63 |
| 65 | Lesions of the caudate nucleus selectively impair â€œreference memoryâ€•acquisition in the radial maze. Behavioral and Neural Biology, 1990, 53, 39-50. | 2.2 | 96 |
| 66 | 6-Hydroxydopamine lesions of the olfactory tubercle do not alter (+)-amphetamine-conditioned place preference. Behavioural Brain Research, 1990, 36, 185-188. | 2.2 | 22 |
| 67 | Effect of posttraining injections of glucose on acquisition of two appetitive learning tasks. Cognitive, Affective and Behavioral Neuroscience, 1990, 18, 282-286. | 1.3 | 42 |
| 68 | Conditioned stereotypy: Behavioral specification of the UCS and pharmacological investigation of the neural change. Pharmacology Biochemistry and Behavior, 1989, 32, 249-258. | 2.9 | 30 |
| 69 | Memory facilitation produced by dopamine agonists: Role of receptor subtype and mnemonic requirements. Pharmacology Biochemistry and Behavior, 1989, 33, 511-518. | 2.9 | 134 |
| 70 | Reward or reinforcement: What's the difference?. Neuroscience and Biobehavioral Reviews, 1989, 13, 181-186. | 6.1 | 168 |
| 71 | Dissociation of visual and olfactory conditioning in the neostriatum of rats. Behavioural Brain Research, 1989, 32, 31-42. | 2.2 | 76 |
| 72 | A functional hypothesis concerning the striatal matrix and patches: Mediation of Sî—,R memory and reward. Life Sciences, 1989, 45, 1943-1957. | 4.3 | 97 |

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|---|---|---|---|
| 73 | Effect of nigrostriatal dopamine depletion on the post-training, memory-improving action of amphetamine. Life Sciences, 1988, 43, 7-12. | 4.3 | 54 |
| 74 | Effects of adrenal demedullation on the conditioned emotional response and on the memory improving action of glucose.. Behavioral Neuroscience, 1988, 102, 499-503. | 1.2 | 17 |
| 75 | Memory improvement by glucose, fructose, and two glucose analogs: A possible effect on peripheral glucose transport. Behavioral and Neural Biology, 1987, 48, 104-127. | 2.2 | 139 |
| 76 | Effects of systemic and intracranial amphetamine injections on behavior in the open field: A detailed analysis. Pharmacology Biochemistry and Behavior, 1987, 27, 113-122. | 2.9 | 74 |
| 77 | Operationalizing and Measuring the Organizing Influence of Drugs on Behavior. , 1987, , 591-617. | | 26 |
| 78 | Effect of glucose on amphetamine-induced motor behavior. Life Sciences, 1986, 38, 2255-2262. | 4.3 | 11 |
| 79 | Control of sensorimotor function by dopaminergic nigrostriatal neurons: Influence on eating and drinking. Neuroscience and Biobehavioral Reviews, 1986, 10, 15-36. | 6.1 | 125 |
| 80 | Anatomical disassociation of amphetamine's rewarding and aversive effects: An intracranial microinjection study. Psychopharmacology, 1986, 89, 340-6. | 3.1 | 202 |
| 81 | Contributions of dopamine terminal areas to amphetamine-induced anorexia and adipsia. Pharmacology Biochemistry and Behavior, 1986, 25, 17-22. | 2.9 | 28 |
| 82 | The conditioned place preference is affected by two independent reinforcement processes. Pharmacology Biochemistry and Behavior, 1985, 23, 37-42. | 2.9 | 134 |
| 83 | The relationship between stereotypy and memory improvement produced by amphetamine. Psychopharmacology, 1984, 82, 203-209. | 3.1 | 64 |
| 84 | Contingent and non-contingent actions of sucrose and saccharin reinforcers: Effects on taste preference and memory. Physiology and Behavior, 1984, 32, 195-203. | 2.1 | 137 |
| 85 | Effect of posttraining exposure to an aversive stimulus on retention. Physiological Psychology, 1984, 12, 233-236. | 0.8 | 16 |
| 86 | Conditioned place preference from intra-accumbens but not intra-caudate amphetamine injections. Life Sciences, 1983, 33, 2551-2557. | 4.3 | 254 |
| 87 | The effect of post-training hypothalamic self-stimulation on sensory preconditioning in rats.. Canadian Journal of Psychology, 1982, 36, 57-66. | 0.8 | 25 |
| 88 | Posttraining self-stimulation and memory: A study of some parameters. Physiological Psychology, 1982, 10, 343-349. | 0.8 | 8 |
| 89 | Algebraic summation of the affective properties of a rewarding and an aversive stimulus in the rat. Physiology and Behavior, 1982, 28, 873-877. | 2.1 | 15 |
| 90 | Response involvement in brain stimulation reward. Physiology and Behavior, 1981, 27, 641-647. | 2.1 | 17 |

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|---|---|---|---|
| 91 | Pimozide attenuates conditioned taste preferences induced by self-stimulation in rats. Pharmacology Biochemistry and Behavior, 1981, 15, 915-919. | 2.9 | 33 |
| 92 | Lithium increases selective attention in rats. Pharmacology Biochemistry and Behavior, 1981, 15, 81-88. | 2.9 | 15 |
| 93 | Performance effects with repeated-response measures during pimozide-produced dopamine receptor blockade. Pharmacology Biochemistry and Behavior, 1979, 11, 557-561. | 2.9 | 70 |
| 94 | Memory or learned association?. Trends in Neurosciences, 1979, 2, 244. | 8.6 | 1 |
| 95 | Effects of catecholamine manipulations on three different self-stimulation behaviors. Pharmacology Biochemistry and Behavior, 1978, 9, 603-608. | 2.9 | 40 |
| 96 | Effects of catecholamine manipulations on three different self-stimulation behaviors. Pharmacology Biochemistry and Behavior, 1978, 9, 273-278. | 2.9 | 12 |
| 97 | Effect of pimozide on the improvement in learning produced by self-stimulation and by water reinforcement. Pharmacology Biochemistry and Behavior, 1978, 8, 565-571. | 2.9 | 27 |
| 98 | Exploration evoked by electrical stimulation of the amygdala of rats. Physiological Psychology, 1978, 6, 229-235. | 0.8 | 15 |
| 99 | Effects of lesions of the amygdala, pyriform cortex, and stria terminalis on two types of exploration by rats. Physiological Psychology, 1978, 6, 319-324. | 0.8 | 6 |
| 100 | Effects of morphine on one-trial appetitive learning. Life Sciences, 1978, 23, 1967-1971. | 4.3 | 28 |
| 101 | Facilitation of retention by self-stimulation and by experimenter-administered stimulation.. Canadian Journal of Psychology, 1978, 32, 116-123. | 0.8 | 12 |
| 102 | Effects of lesions of various medial forebrain bundle components on lateral hypothalamic self-stimulation. Brain Research, 1977, 133, 45-63. | 2.2 | 16 |
| 103 | The reinforcing action of morphine and its paradoxical side effect. Psychopharmacology, 1977, 52, 63-66. | 3.1 | 139 |
| 104 | Strength-duration analysis of the organization of reinforcement pathways in the medial forebrain bundle of rats. Brain Research, 1976, 110, 575-591. | 2.2 | 45 |
| 105 | Effects of anterior medial forebrain bundle lesions on self-stimulation with two different operant responses. Behavioral Biology, 1975, 14, 221-230. | 2.2 | 14 |
| 106 | Effects of septal lesions on responding for delayed brain stimulation reinforcement. Brain Research, 1974, 65, 185-193. | 2.2 | 11 |
| 107 | Enhancement of feeding produced by stimulation of the ventromedial hypothalamus.. Journal of Comparative and Physiological Psychology, 1974, 86, 414-419. | 1.8 | 13 |
| 108 | Self-stimulation and suppression of feeding observed at the same site in the amygdala. Physiology and Behavior, 1973, 10, 215-219. | 2.1 | 12 |

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|---|---|---|---|
| 109 | Perseveration by rats with amygdaloid lesions.. Journal of Comparative and Physiological Psychology, 1971, 77, 416-426. | 1.8 | 21 |
| 110 | Relationship between amygdala and hypothalamus in the control of eating behavior. Physiology and Behavior, 1969, 4, 199-205. | 2.1 | 52 |