# Neil McNaughton

List of Publications by Year
in descending order

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| 152 | 8,879 | 53794 45 | 48315 88 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 160 | 160 | 160 | 5705 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A two-dimensional neuropsychology of defense: fear/anxiety and defensive distance. Neuroscience and Biobehavioral Reviews, 2004, 28, 285-305. | 6.1 | 1,121 |
| 2 | Comparison between the behavioural effects of septal and hippocampal lesions: A review. Neuroscience and Biobehavioral Reviews, 1983, 7, 119-188. | 6.1 | 646 |
| 3 | Frontal-midline theta from the perspective of hippocampal â€œthetaâ€• Progress in Neurobiology, 2008, 86, 156-185. | 5.7 | 417 |
| 4 | Anxiolytic action on the behavioural inhibition system implies multiple types of arousal contribute to anxiety. Journal of Affective Disorders, 2000, 61, 161-176. | 4.1 | 411 |
| 5 | Neuroscience and approach/avoidance personality traits: A two stage (valuationâ€“motivation) approach. Neuroscience and Biobehavioral Reviews, 2012, 36, 2339-2354. | 6.1 | 230 |
| 6 | Motivation and Personality: A Neuropsychological Perspective. Social and Personality Psychology Compass, 2013, 7, 158-175. | 3.7 | 211 |
| 7 | Supramammillary cell firing and hippocampal rhythmical slow activity. NeuroReport, 1991, 2, 723. | 1.2 | 205 |
| 8 | Effect of minor tranquillisers on hippocampal Î¸ rhythm mimicked by depletion of forebrain noradrenaline. Nature, 1975, 258, 424-425. | 27.8 | 199 |
| 9 | Restoring theta-like rhythmicity in rats restores initial learning in the Morris water maze. Hippocampus, 2006, 16, 1102-1110. | 1.9 | 192 |
| 10 | Chlordiazepoxide, an anxiolytic benzodiazepine, impairs place navigation in rats. Behavioural Brain Research, 1987, 24, 39-46. | 2.2 | 180 |
| 11 | Mapping the differential effects of procaine on frequency and amplitude of reticularly elicited hippocampal rhythmical slow activity. Hippocampus, 1993, 3, 517-525. | 1.9 | 170 |
| 12 | The neuropsychology and neuropharmacology of the dorsal ascending noradrenergic bundleâ€”a review. Progress in Neurobiology, 1980, 14, 157-219. | 5.7 | 161 |
| 13 | The supramammillary area: its organization, functions and relationship to the hippocampus. Progress in Neurobiology, 2004, 74, 127-166. | 5.7 | 157 |
| 14 | Cognitive Dysfunction Resulting from Hippocampal Hyperactivityâ€”A Possible Cause of Anxiety Disorder?. Pharmacology Biochemistry and Behavior, 1997, 56, 603-611. | 2.9 | 145 |
| 15 | Elicited hippocampal theta rhythm: a screen for anxiolytic and procognitive drugs through changes in hippocampal function?. Behavioural Pharmacology, 2007, 18, 329-346. | 1.7 | 134 |
| 16 | Coupling of Theta Oscillations between Anterior and Posterior Midline Cortex and with the Hippocampus in Freely Behaving Rats. Cerebral Cortex, 2009, 19, 24-40. | 2.9 | 125 |
| 17 | Septal driving of hippocampal theta rhythm as a function of frequency in the male rat: Effects of drugs. Neuroscience, 1977, 2, 1019-1027. | 2.3 | 118 |
| 18 | Septal driving of hippocampal theta rhythm as a function of frequency in the free-moving male rat. Neuroscience, 1977, 2, 1007-1017. | 2.3 | 113 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The neuropsychology of fear and anxiety: a foundation for Reinforcement Sensitivity Theory. , 2008, , 44-94. | | 113 |
| 20 | Reticular stimulation and hippocampal theta rhythm in rats: Effects of drugs. Neuroscience, 1978, 3, 629-632. | 2.3 | 112 |
| 21 | The neural basis of delay discounting: A review and preliminary model. Neuroscience and Biobehavioral Reviews, 2017, 79, 48-65. | 6.1 | 106 |
| 22 | The medial supramammillary nucleus, spatial learning and the frequency of hippocampal theta activity. Brain Research, 1997, 764, 101-108. | 2.2 | 105 |
| 23 | Low dose scopolamine affects discriminability but not rate of forgetting in delayed conditional discrimination. Psychopharmacology, 1988, 96, 541-546. | 3.1 | 99 |
| 24 | Contribution of synapses in the medial supramammillary nucleus to the frequency of hippocampal theta rhythm in freely moving rats. Hippocampus, 1995, 5, 534-545. | 1.9 | 97 |
| 25 | Septal elicitation of hippocampal theta rhythm after localized de-afferentation of serotoninergic fibers. Brain Research, 1980, 200, 259-269. | 2.2 | 90 |
| 26 | Are periaqueductal gray and dorsal raphe the foundation of appetitive and aversive control? A comprehensive review. Progress in Neurobiology, 2019, 177, 33-72. | 5.7 | 90 |
| 27 | Ketamineâ€™s dose-related effects on anxiety symptoms in patients with treatment refractory anxiety disorders. Journal of Psychopharmacology, 2017, 31, 1302-1305. | 4.0 | 83 |
| 28 | Reinforcement Sensitivity Theory and personality. , 2008, , 155-187. | | 82 |
| 29 | Approach/Avoidance. , 2016, , 25-49. | | 77 |
| 30 | Reticular elicitation of hippocampal slow waves: Common effects of some anxiolytic drugs. Neuroscience, 1986, 19, 899-903. | 2.3 | 73 |
| 31 | The role of the medial supramammillary nucleus in the control of hippocampal theta activity and behaviour in rats. European Journal of Neuroscience, 2002, 16, 1797-1809. | 2.6 | 72 |
| 32 | Effects of the NMDA antagonists CPP and MK-801 on delayed conditional discrimination. Psychopharmacology, 1989, 98, 556-560. | 3.1 | 68 |
| 33 | Survival circuits and risk assessment. Current Opinion in Behavioral Sciences, 2018, 24, 14-20. | 3.9 | 67 |
| 34 | Approach, avoidance, and their conflict: the problem of anchoring. Frontiers in Systems Neuroscience, 2014, 8, 124. | 2.5 | 66 |
| 35 | Sex and strain differences in septal driving of the hippocampal theta rhythm as a function of frequency: Effects of gonadectomy and gonadal hormones. Neuroscience, 1977, 2, 1033-1041. | 2.3 | 65 |
| 36 | Neurochemically dissimilar anxiolytic drugs have common effects on hippocampal rhythmic slow activity. Neuropharmacology, 1991, 30, 855-863. | 4.1 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Buspirone produces a dose-related impairment in spatial navigation. Pharmacology Biochemistry and Behavior, 1992, 43, 167-171. | 2.9 | 61 |
| 38 | Alzheimer's dementia produces a loss of discrimination but no increase in rate of memory decay in delayed matching to sample. Neuropsychologia, 1992, 30, 133-143. | 1.6 | 60 |
| 39 | Septal driving of the hippocampal theta rhythm as a function of frequency in the male rat: Effects of adreno-pituitary hormones. Neuroscience, 1977, 2, 1029-1032. | 2.3 | 58 |
| 40 | Safety and efficacy of maintenance ketamine treatment in patients with treatment-refractory generalised anxiety and social anxiety disorders. Journal of Psychopharmacology, 2018, 32, 663-667. | 4.0 | 58 |
| 41 | Effects of early undernutrition on hippocampal development and function. Research in Experimental Medicine, 1982, 180, 201-207. | 0.7 | 57 |
| 42 | Differences in synaptic transmission between medial and lateral components of the perforant path. Brain Research, 1984, 303, 251-260. | 2.2 | 57 |
| 43 | The role of the subiculum within the behavioural inhibition system. Behavioural Brain Research, 2006, 174, 232-250. | 2.2 | 57 |
| 44 | Mechanisms of comorbidity, continuity, and discontinuity in anxiety-related disorders. Development and Psychopathology, 2016, 28, 1053-1069. | 2.3 | 52 |
| 45 | Chlordiazepoxide and successive discrimination: Different effects on acquisition and performance. Pharmacology Biochemistry and Behavior, 1985, 23, 487-494. | 2.9 | 48 |
| 46 | The pituitary-adrenal axis and the different behavioral effects of buspirone and chlordiazepoxide. Pharmacology Biochemistry and Behavior, 1996, 54, 51-56. | 2.9 | 47 |
| 47 | Anti-anxiety drugs reduce conflict-specific â€œthetaâ€â€”A possible human anxiety-specific biomarker. Journal of Affective Disorders, 2013, 148, 104-111. | 4.1 | 47 |
| 48 | Effects of ethanol and Ro 15-4513 in an electrophysiological model of anxiolytic action. Neuroscience, 1990, 35, 669-674. | 2.3 | 46 |
| 49 | Buspirone affects hippocampal rhythmical slow activity through serotonin1A rather than dopamine D2 receptors. Neuroscience, 1991, 40, 169-174. | 2.3 | 45 |
| 50 | Hebb, Pandemonium and Catastrophic Hypermnesia: The Hippocampus as a Suppressor of Inappropriate Associations. Cortex, 2003, 39, 1139-1163. | 2.4 | 44 |
| 51 | Stopping, goal-conflict, trait anxiety and frontal rhythmic power in the stop-signal task. Cognitive, Affective and Behavioral Neuroscience, 2011, 11, 485-493. | 2.0 | 44 |
| 52 | Common Firing Patterns of Hippocampal Cells in a Differential Reinforcement of Low Rates of Response Schedule. Journal of Neuroscience, 2000, 20, 7043-7051. | 3.6 | 43 |
| 53 | Chlordiazepoxide reduces discriminability but not rate of forgetting in delayed conditional discrimination. Psychopharmacology, 1990, 101, 550-554. | 3.1 | 42 |
| 54 | Similar effects of medial supramammillary or systemic injection of chlordiazepoxide on both theta frequency and fixed-interval responding. Cognitive, Affective and Behavioral Neuroscience, 2002, 2, 76-83. | 2.0 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Effects of ketamine in patients with treatment-refractory generalized anxiety and social anxiety disorders: Exploratory double-blind psychoactive-controlled replication study. Journal of Psychopharmacology, 2020, 34, 267-272. | 4.0 | 40 |
| 56 | Medial septal projections to the dentate gyrus of the rat: electrophysiological analysis of distribution and plasticity. Experimental Brain Research, 1984, 56, 243-56. | 1.5 | 39 |
| 57 | Anterior thalamic lesions reduce spine density in both hippocampal CA1 and retrosplenial cortex, but enrichment rescues CA1 spines only. Hippocampus, 2014, 24, 1232-1247. | 1.9 | 39 |
| 58 | Naloxone blocks the effects of chlordiazepoxide on acquisition but not performance of differential reinforcement of low rates of response (DRL). Psychopharmacology, 1987, 91, 112-118. | 3.1 | 38 |
| 59 | Anterior thalamic nuclei lesions and recovery of function: Relevance to cognitive thalamus. Neuroscience and Biobehavioral Reviews, 2015, 54, 145-160. | 6.1 | 37 |
| 60 | Spontaneous alternation of body turns and place: Differential effects of amylobarbitone, scopolamine and septal lesions. Psychopharmacology, 1980, 68, 201-206. | 3.1 | 35 |
| 61 | Multiple hypothalamic sites control the frequency of hippocampal theta rhythm. Hippocampus, 2003, 13, 361-374. | 1.9 | 35 |
| 62 | Pavlovian Counterconditioning is Unchanged by Chlordiazepoxide or by Septal Lesions. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 1983, 35, 221-233. | 2.8 | 33 |
| 63 | Naloxone fails to block the effects of chlordiazepoxide on acquisition and performance of successive discrimination. Psychopharmacology, 1987, 91, 119-121. | 3.1 | 33 |
| 64 | Gray'sNeuropsychology of anxiety: An enquiry into the functions of septohippocampal theories. Behavioral and Brain Sciences, 1982, 5, 492-493. | 0.7 | 31 |
| 65 | Similar effects of buspirone and chlordiazepoxide on a fixed interval schedule with long-term, low-dose administration. Journal of Psychopharmacology, 1995, 9, 326-330. | 4.0 | 31 |
| 66 | Removing eye blink artefacts from EEGâ€"A single-channel physiology-based method. Journal of Neuroscience Methods, 2017, 291, 213-220. | 2.5 | 31 |
| 67 | Frontal theta power linked to neuroticism and avoidance. Cognitive, Affective and Behavioral Neuroscience, 2011, 11, 396-403. | 2.0 | 30 |
| 68 | Interactions between Hippocampal Serotonin and the Pituitary-Adrenal Axis in the Septal Driving of Hippocampal Theta-Rhythm. Neuroendocrinology, 1984, 39, 471-475. | 2.5 | 28 |
| 69 | The hippocampus: Relational processor or antiprocessor?. Behavioral and Brain Sciences, 1994, 17, 487-488. | 0.7 | 28 |
| 70 | Sensitivity to delay of reinforcement in two animal models of attention deficit hyperactivity disorder (ADHD). Behavioural Brain Research, 2009, 205, 372-376. | 2.2 | 28 |
| 71 | An improved human anxiety process biomarker: characterization of frequency band, personality and pharmacology. Translational Psychiatry, 2015, 5, e699-e699. | 4.8 | 28 |
| 72 | The septal EEG suggests a distributed organization of the pacemaker of hippocampal theta in the rat. European Journal of Neuroscience, 2006, 24, 155-166. | 2.6 | 27 |

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|---|---|---|---|
| 73 | Ketamine Effects on EEG during Therapy of Treatment-Resistant Generalized Anxiety and Social Anxiety. International Journal of Neuropsychopharmacology, 2018, 21, 717-724. | 2.1 | 26 |
| 74 | A comparison of the acute effects of a tricyclic and a MAOI antidepressant on septal driving of hippocampal rhythmical slow activity. Psychopharmacology, 1994, 114, 337-344. | 3.1 | 25 |
| 75 | Septal elicitation of hippocampal theta rhythm did not repair cognitive and emotional deficits resulting from vestibular lesions. Hippocampus, 2012, 22, 1176-1187. | 1.9 | 24 |
| 76 | Is the hippocampus a store, intermediate or otherwise?. Behavioral and Brain Sciences, 1985, 8, 508-509. | 0.7 | 23 |
| 77 | Schedule dependence of the interaction of naloxone and chlordiazepoxide. Pharmacology Biochemistry and Behavior, 1992, 41, 475-481. | 2.9 | 23 |
| 78 | A comparison of phenylketonuria with attention deficit hyperactivity disorder: Do markedly different aetiologies deliver common phenotypes?. Brain Research Bulletin, 2013, 99, 63-83. | 3.0 | 23 |
| 79 | The effects of systemic and intraseptal injections of sodium amylobarbitone on rearing and ambulation in rats. Australian Journal of Psychology, 1985, 37, 15-27. | 2.8 | 22 |
| 80 | Septal driving of hippocampal theta rhythm: Role of Î³-aminobutyrate-benzodiazepine receptor complex in mediating effects of anxiolytics. Neuroscience, 1985, 16, 875-884. | 2.3 | 22 |
| 81 | Effects of long-term administration of anxiolytics on reticular-elicited hippocampal rhythmical slow activity. Neuropharmacology, 1991, 30, 1095-1099. | 4.1 | 22 |
| 82 | The interaction of serotonin depletion with anxiolytics and antidepressants on reticular-elicited hippocampal RSA. Neuropharmacology, 1994, 33, 1597-1605. | 4.1 | 20 |
| 83 | Neuroscience of Motivation and Organizational Behavior: Putting the Reinforcement Sensitivity Theory (RST) to Work. Advances in Motivation and Achievement: A Research Annual, 2016, 19, 65-92. | 0.3 | 20 |
| 84 | Fear, anxiety and their disorders: Past, present and future neural theories.. Psychology and Neuroscience, 2011, 4, 173-181. | 0.8 | 20 |
| 85 | Pindolol antagonizes the effects on hippocampal rhythmical slow activity of clonidine, baclofen and 8-OH-DPAT, but not chlordiazepoxide and sodium amylobarbitone. Neuroscience, 1992, 46, 83-90. | 2.3 | 18 |
| 86 | Dissociation of hypertension and fixed interval responding in two separate strains of genetically hypertensive rat. Behavioural Brain Research, 2004, 152, 393-401. | 2.2 | 18 |
| 87 | The frequency of hippocampal theta rhythm is modulated on a circadian period and is entrained by food availability. Frontiers in Behavioral Neuroscience, 2015, 9, 61. | 2.0 | 18 |
| 88 | Bi-Directional Theta Modulation between the Septo-Hippocampal System and the Mammillary Area in Free-Moving Rats. Frontiers in Neural Circuits, 2017, 11, 62. | 2.8 | 18 |
| 89 | Construction of complex memories via parallel distributed corticalâ€“subcortical iterative integration. Trends in Neurosciences, 2022, 45, 550-562. | 8.6 | 18 |
| 90 | What do you mean â€˜anxietyâ€™? Developing the first anxiety syndrome biomarker. Journal of the Royal Society of New Zealand, 2018, 48, 177-190. | 1.9 | 17 |

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|---|---|---|---|
| 91 | An economic perspective on the Reinforcement Sensitivity Theory of personality. Personality and Individual Differences, 2011, 51, 242-247. | 2.9 | 16 |
| 92 | Some Metatheoretical Principles for Personality Neuroscience. Personality Neuroscience, 2018, 1, e11. | 1.6 | 16 |
| 93 | Effects of fluoxetine on hippocampal rhythmic slow activity and behavioural inhibition. Behavioural Pharmacology, 2008, 19, 257-264. | 1.7 | 15 |
| 94 | Minimal driving of hippocampal theta by the supramammillary nucleus during water maze learning. Hippocampus, 2011, 21, 1074-1081. | 1.9 | 15 |
| 95 | Brain maps of fear and anxiety. Nature Human Behaviour, 2019, 3, 662-663. | 12.0 | 15 |
| 96 | Higuchiâ€™s fractal dimension, but not frontal or posterior alpha asymmetry, predicts PID-5 anxiousness more than depressivity. Scientific Reports, 2019, 9, 19666. | 3.3 | 15 |
| 97 | Right frontal anxiolytic-sensitive EEG â€˜thetaâ€™ rhythm in the stop-signal task is a theory-based anxiety disorder biomarker. Scientific Reports, 2021, 11, 19746. | 3.3 | 15 |
| 98 | Unilateral blockade of the dorsal ascending noradrenergic bundle and septal elicitation of hippocampal theta rhythm. Neuroscience Letters, 1980, 18, 67-72. | 2.1 | 14 |
| 99 | Different systems in the posterior hypothalamic nucleus of rats control theta frequency and trigger movement. Behavioural Brain Research, 2005, 163, 107-114. | 2.2 | 14 |
| 100 | Chapter 2.1 Theoretical approaches to the modeling of anxiety in animals. Handbook of Behavioral Neuroscience, 2008, 17, 11-27. | 0.7 | 14 |
| 101 | Effects of long-term administration of imipramine on reticular-elicited hippocampal rhythmical slow activity. Psychopharmacology, 1991, 105, 433-438. | 3.1 | 13 |
| 102 | Minimal changes with long-term administration of anxiolytics on septal driving of hippocampal rhythmical slow activity. Psychopharmacology, 1995, 118, 93-100. | 3.1 | 13 |
| 103 | Trait anxiety, trait fear and emotionality: The perspective from non-human studies. Personality and Individual Differences, 2011, 50, 898-906. | 2.9 | 13 |
| 104 | Collateral specific long term potentiation of the output of field CA3 of the hippocampus of the rat. Experimental Brain Research, 1986, 62, 250-8. | 1.5 | 12 |
| 105 | Effects of GABAA and GABAB receptor agonists on reticular-elicited hippocampal rhythmical slow activity. European Journal of Pharmacology, 1991, 192, 103-108. | 3.5 | 11 |
| 106 | Anterior thalamic nuclei neurons sustain memory. Current Research in Neurobiology, 2021, 2, 100022. | 2.3 | 11 |
| 107 | Comparison of the effects of buspirone and chlordiazepoxide on successive discrimination. Pharmacology Biochemistry and Behavior, 1991, 39, 275-278. | 2.9 | 10 |
| 108 | Dose-response analysis of the effects of buspirone on rearing in rats. Journal of Psychopharmacology, 1991, 5, 72-76. | 4.0 | 10 |

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|---|---|---|---|
| 109 | Aminergic Transmitter Systems. , 0, , 895-913. | | 10 |
| 110 | Benzodiazepine receptors in the medial-posterior hypothalamus mediate the reduction of hippocampal theta frequency by chlordiazepoxide. Brain Research, 2002, 954, 194-201. | 2.2 | 10 |
| 111 | Ketamine and neuroticism: a double-hit hypothesis of internalizing disorders. Personality Neuroscience, 2020, 3, e2. | 1.6 | 10 |
| 112 | Personality neuroscience and psychopathology: should we start with biology and look for neural-level factors?. Personality Neuroscience, 2020, 3, e4. | 1.6 | 10 |
| 113 | Goal-Conflict EEG Theta and Biased Economic Decisions: A Role for a Second Negative Motivation System. Frontiers in Neuroscience, 2020, 14, 342. | 2.8 | 10 |
| 114 | Anxiolytic-like action of melatonin on acquisition but not performance of DRL. Pharmacology Biochemistry and Behavior, 1986, 24, 1497-1502. | 2.9 | 9 |
| 115 | Naloxone and chlordiazepoxide: Effects on acquisition and performance of signalled punishment. Pharmacology Biochemistry and Behavior, 1991, 38, 43-47. | 2.9 | 9 |
| 116 | Effects of long-term administration of phenelzine on reticular-elicited hippocampal rhythmical slow activity. Neuroscience Research, 1995, 21, 311-316. | 1.9 | 9 |
| 117 | The Neurobiology of Anxiety: Potential for Co-Morbidity of Anxiety and Substance Use Disorders. , 2008, , 19-33. | | 9 |
| 118 | Human anxiety-specific â€œthetaâ€•occurs with selective stopping and localizes to right inferior frontal gyrus.. Behavioral Neuroscience, 2020, 134, 547-555. | 1.2 | 9 |
| 119 | Effects of long-term administration of antidepressants on septal driving of hippocampal rsa. International Journal of Neuroscience, 1994, 79, 91-98. | 1.6 | 8 |
| 120 | Stimulus properties of some analogues of 4-methylaminorex. Pharmacology Biochemistry and Behavior, 1995, 51, 375-378. | 2.9 | 8 |
| 121 | Chlordiazepoxide specifically impairs nonspatial reference memory in the cued radial arm maze in rats. Pharmacology Biochemistry and Behavior, 2001, 70, 133-139. | 2.9 | 8 |
| 122 | Testing an anxiety process biomarker: Generalisation from an auditory to a visual stimulus. Biological Psychology, 2016, 117, 50-55. | 2.2 | 8 |
| 123 | A Critical Assessment of Directed Connectivity Estimates with Artificially Imposed Causality in the Supramammillary-Septo-Hippocampal Circuit. Frontiers in Systems Neuroscience, 2017, 11, 72. | 2.5 | 8 |
| 124 | Effects of buspirone on fixed interval responding in rats. Journal of Psychopharmacology, 1991, 5, 410-417. | 4.0 | 7 |
| 125 | Anxiolytic-like effects of leptin on fixed interval responding. Pharmacology Biochemistry and Behavior, 2016, 148, 15-20. | 2.9 | 7 |
| 126 | Environmental enrichment increases prefrontal EEG power and synchrony with the hippocampus in rats with anterior thalamus lesions. Hippocampus, 2019, 29, 128-140. | 1.9 | 7 |

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|---|---|---|---|
| 127 | Laterality of an EEG anxiety disorder biomarker largely follows handedness. Cortex, 2021, 140, 210-221. | 2.4 | 7 |
| 128 | What is next for the neurobiology of temperament, personality and psychopathology?. Current Opinion in Behavioral Sciences, 2022, 45, 101143. | 3.9 | 7 |
| 129 | A gene promotes anxiety in miceâ€"and also in scientists. Nature Medicine, 1999, 5, 1131-1132. | 30.7 | 6 |
| 130 | "The neuropsychology of anxiety" as it really is: A response to O'Mara (2001). Neuropsychological Rehabilitation, 2002, 12, 363-367. | 1.6 | 6 |
| 131 | Development of a theoretically-derived human anxiety syndrome biomarker. Translational Neuroscience, 2014, 5, . | 1.4 | 6 |
| 132 | Effects of thalamic lesions on repeated relearning of a spatial working memory task. Behavioural Brain Research, 2014, 261, 56-59. | 2.2 | 5 |
| 133 | Does behavioural inhibition system dysfunction contribute to Attention Deficit Hyperactivity Disorder?. Personality Neuroscience, 2019, 2, e5. | 1.6 | 5 |
| 134 | Construction of simple, customised, brain-spanning, multi-channel, linear microelectrode arrays. Journal of Neuroscience Methods, 2021, 348, 109011. | 2.5 | 5 |
| 135 | Mixed Effects of Low-dose Ethanol on Cortical and Hippocampal Theta Oscillations. Neuroscience, 2020, 429, 213-224. | 2.3 | 4 |
| 136 | The non-human perspective on the neurobiology of temperament, personality, and psychopathology: whatâ€™s next?. Current Opinion in Behavioral Sciences, 2022, 43, 255-262. | 3.9 | 4 |
| 137 | Naloxone and chlordiazepoxide: effects on acquisition of DRL and signalled DRL. Journal of Psychopharmacology, 1992, 6, 88-94. | 4.0 | 3 |
| 138 | Anxiety process â€œthetaâ€•biomarker in the stop signal task eliminated by a preceding relaxation test.. Behavioral Neuroscience, 2020, 134, 556-561. | 1.2 | 3 |
| 139 | AnxietyDecoder: An EEG-based Anxiety Predictor using a 3-D Convolutional Neural Network. , 2019, , . | | 2 |
| 140 | Speed modulation of hippocampal theta frequency and amplitude predicts water maze learning. Hippocampus, 2021, 31, 201-212. | 1.9 | 2 |
| 141 | Eliminating emotions?. Metascience, 1999, 8, 5-49. | 0.3 | 1 |
| 142 | McNaughton and Gray final word. Neuropsychological Rehabilitation, 2002, 12, 373-373. | 1.6 | 1 |
| 143 | Neural Mechanisms of Low Trait Anxiety and Risk for Externalizing Behavior. , 2015, , . | | 1 |
| 144 | Hierarchical Levels of Control: The State-Trait Distinction. Psychological Inquiry, 2019, 30, 158-164. | 0.9 | 1 |

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|---|---|---|---|
| 145 | Early and late signals of unexpected reward contribute to low extraversion and high disinhibition, respectively. Personality Neuroscience, 2021, 4, e5. | 1.6 | 1 |
| 146 | Neuropsychological Theory as a Basis for Clinical Translation of Animal Models of Neuropsychiatric Disorder. Frontiers in Behavioral Neuroscience, 2022, 16, . | 2.0 | 1 |
| 147 | Dynamic interaction between hippocampus, orbitofrontal cortex, and subthalamic nucleus during goal conflict in the stop signal task in rats. Neuroscience Research, 2022, , . | 1.9 | 1 |
| 148 | Evolution and connectionism. Behavioral and Brain Sciences, 1990, 13, 402-403. | 0.7 | 0 |
| 149 | The conceptual nervous system of J.A. Gray: Schizophrenia and consciousness. Neuroscience and Biobehavioral Reviews, 2005, 29, 911-912. | 6.1 | 0 |
| 150 | Trait depressivity prediction with EEG signals via LSBoost. , 2020, , . | | 0 |
| 151 | Behavioural inhibition and valuation of gain/loss are neurally distinct from approach/withdrawal. Behavioral and Brain Sciences, 2019, 42, e132. | 0.7 | 0 |
| 152 | Right Frontal Theta: Is It a Response Biomarker for Ketamineâ€™s Therapeutic Action in Anxiety Disorders?. Frontiers in Neuroscience, 0, 16, . | 2.8 | 0 |