Matthew Hale

List of Publications by Year in Descending Order

84 papers	2,186 citations	25 h-index	45 g-index
87 ext. papers	2,515 ext. citations	4.3 avg, IF	4.93 L-index

#	Paper	IF	Citations
84	The effect of estrogen on brown adipose tissue activity in male rats.. *BMC Research Notes*, **2022**, 15, 28	2.3	
83	Within subject rise in serum TNFα to IL-10 ratio is associated with poorer attention, decision-making and working memory in jockeys. *Comprehensive Psychoneuroendocrinology*, **2022**, 10, 100131	1.1	0
82	Acute treatment with 5-hydroxytryptophan increases social approach behaviour but does not activate serotonergic neurons in the dorsal raphe nucleus in juvenile male BALB/c mice: A model of human disorders with deficits of sociability.. *Journal of Psychopharmacology*, **2022**, 2698811221089039	4.6	0
81	Involvement of dorsal raphe nucleus serotonergic systems in social approach-avoidance behaviour and in the response to fluoxetine treatment in peri-adolescent female BALB/c mice. *Behavioural Brain Research*, **2021**, 408, 113268	3.4	2
80	Immunomodulation Eliminates Inflammation in the Hippocampus in Experimental Autoimmune Encephalomyelitis, but Does Not Ameliorate Anxiety-Like Behavior. *Frontiers in Immunology*, **2021**, 12, 639650	8.4	1
79	Long-term effects of young-adult methamphetamine on dorsal raphe serotonin systems in mice: Role of brain-derived neurotrophic factor. *Brain Research*, **2021**, 1762, 147428	3.7	3
78	5-HTTLPR polymorphism and cross-cultural adaptation: the role of relational openness as a mediator. *Culture and Brain*, **2021**, 9, 48-62	1.1	
77	Effect of Pleomorphic Adenoma Gene 1 Deficiency on Selected Behaviours in Adult Mice. *Neuroscience*, **2021**, 455, 30-38	3.9	2
76	Platelets in Multiple Sclerosis: Early and Central Mediators of Inflammation and Neurodegeneration and Attractive Targets for Molecular Imaging and Site-Directed Therapy. *Frontiers in Immunology*, **2021**, 12, 620963	8.4	4
75	Stimulatory, but not anxiogenic, doses of caffeine act centrally to activate interscapular brown adipose tissue thermogenesis in anesthetized male rats. *Scientific Reports*, **2021**, 11, 113	4.9	3
74	Serotonin and the neurobiology of anxious states. *Handbook of Behavioral Neuroscience*, **2020**, 31, 505-520	2.7	1
73	Empathy and job resources buffer the effect of higher job demands on increased salivary alpha amylase awakening responses in direct-care workers. *Behavioural Brain Research*, **2020**, 394, 112826	3.4	0
72	Trait mindfulness and the Effort-Reward Imbalance workplace stress model: Higher trait mindfulness is associated with increased salivary immunoglobulin A. *Behavioural Brain Research*, **2020**, 377, 112252	3.4	5
71	Assessing the association of university stress and physiological reactivity with decision-making among students. *Stress*, **2020**, 23, 136-143	3	7
70	Mild Closed-Head Injury in Conscious Rats Causes Transient Neurobehavioral and Glial Disturbances: A Novel Experimental Model of Concussion. *Journal of Neurotrauma*, **2019**, 36, 2260-2271	5.4	20
69	Platelet Depletion is Effective in Ameliorating Anxiety-Like Behavior and Reducing the Pro-Inflammatory Environment in the Hippocampus in Murine Experimental Autoimmune Encephalomyelitis. *Journal of Clinical Medicine*, **2019**, 8,	5.1	12
68	Serotonin in Stress **2019**, 115-123		2

67	Social approach, anxiety, and altered tryptophan hydroxylase 2 activity in juvenile BALB/c and C57BL/6J mice. *Behavioural Brain Research*, **2019**, 359, 918-926	3.4	8
66	Trait Mindfulness Helps Explain the Relationships Between Job Stress, Physiological Reactivity, and Self-Perceived Health. *Journal of Occupational and Environmental Medicine*, **2019**, 61, e12-e18	2	8
65	An online mindfulness-based program is effective in improving affect, over-commitment, optimism and mucosal immunity. *Physiology and Behavior*, **2019**, 199, 20-27	3.5	16
64	Positive verbal feedback about task performance is related with adaptive physiological responses: An experimental study of the effort-reward imbalance stress model. *International Journal of Psychophysiology*, **2019**, 135, 55-62	2.9	0
63	Interactions between whole-body heating and citalopram on body temperature, antidepressant-like behaviour, and neurochemistry in adolescent male rats. *Behavioural Brain Research*, **2019**, 359, 428-439	3.4	3
62	Reduced professional efficacy is associated with a blunted salivary alpha-amylase awakening response. *Physiology and Behavior*, **2019**, 199, 292-299	3.5	4
61	Differential anxiety-like responses in NOD/ShiLtJ and C57BL/6J mice following experimental autoimmune encephalomyelitis induction and oral gavage. *Laboratory Animals*, **2018**, 52, 470-478	2.6	4
60	The salivary alpha amylase awakening response is related to over-commitment. *Stress*, **2018**, 21, 194-202	3	8
59	A Systematic Review and Meta-analysis of the Effort-Reward Imbalance Model of Workplace Stress and Hypothalamic-Pituitary-Adrenal Axis Measures of Stress. *Psychosomatic Medicine*, **2018**, 80, 103-113	3.7	35
58	Involvement of Serotonergic and Relaxin-3 Neuropeptide Systems in the Expression of Anxiety-like Behavior. *Neuroscience*, **2018**, 390, 88-103	3.9	7
57	Multiple pathological mechanisms contribute to hippocampal damage in the experimental autoimmune encephalomyelitis model of multiple sclerosis. *NeuroReport*, **2018**, 29, 19-24	1.7	7
56	Acute Administration of the Nonpathogenic, Saprophytic Bacterium, Mycobacterium vaccae, Induces Activation of Serotonergic Neurons in the Dorsal Raphe Nucleus and Antidepressant-Like Behavior in Association with Mild Hypothermia. *Cellular and Molecular Neurobiology*, **2018**, 38, 289-304	4.6	14
55	The galanin receptor-3 antagonist, SNAP 37889, inhibits cue-induced reinstatement of alcohol-seeking and increases c-Fos expression in the nucleus accumbens shell of alcohol-preferring rats. *Journal of Psychopharmacology*, **2018**, 32, 911-921	4.6	5
54	Exposure to Acute and Chronic Fluoxetine has Differential Effects on Sociability and Activity of Serotonergic Neurons in the Dorsal Raphe Nucleus of Juvenile Male BALB/c Mice. *Neuroscience*, **2018**, 386, 1-15	3.9	11
53	Whole-body hyperthermia and a subthreshold dose of citalopram act synergistically to induce antidepressant-like behavioral responses in adolescent rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 79, 162-168	5.5	7
52	Inactivity Is Nycthemeral, Endogenously Generated, Homeostatically Regulated, and Melatonin Modulated in a Free-Living Platyhelminth Flatworm. *Sleep*, **2017**, 40,	1.1	10
51	Chronic work stress and decreased vagal tone impairs decision making and reaction time in jockeys. *Psychoneuroendocrinology*, **2017**, 84, 151-158	5	25
50	Identifying the sources of stress and rewards in a group of Australian apprentice jockeys. *Qualitative Research in Sport, Exercise and Health*, **2017**, 9, 583-599	7	10

49	Wiz binds active promoters and CTCF-binding sites and is required for normal behaviour in the mouse. *ELife*, **2016**, 5,	8.9	13
48	Immunization with a heat-killed preparation of the environmental bacterium Mycobacterium vaccae promotes stress resilience in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E3130-9	11.5	137
47	Anxiogenic drug administration and elevated plus-maze exposure in rats activate populations of relaxin-3 neurons in the nucleus incertus and serotonergic neurons in the dorsal raphe nucleus. *Neuroscience*, **2015**, 303, 270-84	3.9	18
46	Diet, behavior and immunity across the lifespan. *Neuroscience and Biobehavioral Reviews*, **2015**, 58, 46-62	9	23
45	Calorie restriction increases lipopolysaccharide-induced neuropeptide Y immunolabeling and reduces microglial cell area in the arcuate hypothalamic nucleus. *Neuroscience*, **2015**, 285, 236-47	3.9	22
44	Brain Monoaminergic Systems in Stress Neuroendocrinology **2015**, 19-42		
43	Deletion of IL-4R in the BALB/c mouse is associated with altered lesion topography and susceptibility to experimental autoimmune encephalomyelitis. *Autoimmunity*, **2015**, 48, 208-21	3	3
42	Role of the dorsomedial hypothalamus in glucocorticoid-mediated feedback inhibition of the hypothalamic-pituitary-adrenal axis. *Stress*, **2015**, 18, 76-87	3	14
41	Greater glucocorticoid receptor activation in hippocampus of aged rats sensitizes microglia. *Neurobiology of Aging*, **2015**, 36, 1483-95	5.6	50
40	Calorie restriction attenuates lipopolysaccharide (LPS)-induced microglial activation in discrete regions of the hypothalamus and the subfornical organ. *Brain, Behavior, and Immunity*, **2014**, 38, 13-24	16.6	43
39	Somatic influences on subjective well-being and affective disorders: the convergence of thermosensory and central serotonergic systems. *Frontiers in Psychology*, **2014**, 5, 1580	3.4	30
38	Prior cold water swim stress alters immobility in the forced swim test and associated activation of serotonergic neurons in the rat dorsal raphe nucleus. *Neuroscience*, **2013**, 253, 221-34	3.9	13
37	Angiotensin II role in sodium lactate-induced panic-like responses in rats with repeated urocortin 1 injections into the basolateral amygdala: amygdalar angiotensin receptors and panic. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 44, 248-56	5.5	14
36	Integrative physiology of depression and antidepressant drug action: implications for serotonergic mechanisms of action and novel therapeutic strategies for treatment of depression. *Pharmacology & Therapeutics*, **2013**, 137, 108-18	13.9	42
35	Development environment interactions control tph2 mRNA expression. *Neuroscience*, **2013**, 237, 139-50	3.9	26
34	Post-weaning social isolation of female rats, anxiety-related behavior, and serotonergic systems. *Brain Research*, **2012**, 1443, 1-17	3.7	28
33	Post-weaning social isolation attenuates c-Fos expression in GABAergic interneurons in the basolateral amygdala of adult female rats. *Physiology and Behavior*, **2012**, 107, 719-25	3.5	21
32	Stress-related serotonergic systems: implications for symptomatology of anxiety and affective disorders. *Cellular and Molecular Neurobiology*, **2012**, 32, 695-708	4.6	131

31	Pathways underlying afferent signaling of bronchopulmonary immune activation to the central nervous system. *Chemical Immunology and Allergy*, **2012**, 98, 118-41		11
30	Development by environment interactions controlling tryptophan hydroxylase expression. *Journal of Chemical Neuroanatomy*, **2011**, 41, 219-26	3.2	22
29	Investigation of a central nucleus of the amygdala/dorsal raphe nucleus serotonergic circuit implicated in fear-potentiated startle. *Neuroscience*, **2011**, 179, 104-19	3.9	49
28	Swim stress activates serotonergic and nonserotonergic neurons in specific subdivisions of the rat dorsal raphe nucleus in a temperature-dependent manner. *Neuroscience*, **2011**, 197, 251-68	3.9	41
27	Evidence for in vivo thermosensitivity of serotonergic neurons in the rat dorsal raphe nucleus and raphe pallidus nucleus implicated in thermoregulatory cooling. *Experimental Neurology*, **2011**, 227, 264-78	5.7	43
26	Repeated social defeat increases reactive emotional coping behavior and alters functional responses in serotonergic neurons in the rat dorsal raphe nucleus. *Physiology and Behavior*, **2011**, 104, 272-82	3.5	63
25	Functional topography of midbrain and pontine serotonergic systems: implications for synaptic regulation of serotonergic circuits. *Psychopharmacology*, **2011**, 213, 243-64	4.7	177
24	Anxiolytic phenotype and modified serotonergic activity in Urocortin1 and 2 double-deficient mice. *Molecular Psychiatry*, **2010**, 15, 339-339	15.1	4
23	Multiple anxiogenic drugs recruit a parvalbumin-containing subpopulation of GABAergic interneurons in the basolateral amygdala. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2010**, 34, 1285-93	5.5	53
22	Urocortin 2 increases c-Fos expression in serotonergic neurons projecting to the ventricular/periventricular system. *Experimental Neurology*, **2010**, 224, 271-81	5.7	32
21	Serotonin and the Neurobiology of Anxious States. *Handbook of Behavioral Neuroscience*, **2010**, 21, 379-397	3.7	15
20	Fluoxetine inhibits corticotropin-releasing factor (CRF)-induced behavioural responses in rats. *Stress*, **2009**, 12, 225-39	3	20
19	The type 4 phosphodiesterase inhibitors rolipram and YM976 facilitate recall of the weak version of the passive avoidance task in the day-old chick. *Pharmacology Biochemistry and Behavior*, **2009**, 92, 224-30	3.9	2
18	Adverse early life experience and social stress during adulthood interact to increase serotonin transporter mRNA expression. *Brain Research*, **2009**, 1305, 47-63	3.7	61
17	Gamma-butyrolactone (GBL) disruption of passive avoidance learning in the day-old chick appears to be due to its effect on GABAB not gamma-hydroxybutyric [corrected] acid (GHB) receptors. *Behavioural Brain Research*, **2009**, 197, 347-55	3.4	1
16	Adverse experience during early life and adulthood interact to elevate tph2 mRNA expression in serotonergic neurons within the dorsal raphe nucleus. *Neuroscience*, **2009**, 163, 991-1001	3.9	71
15	Fluoxetine potentiates the effects of corticotropin-releasing factor on locomotor activity and serotonergic systems in the roughskin newt, Taricha granulosa. *Hormones and Behavior*, **2009**, 56, 177-84	3.7	9
14	Exposure to an open-field arena increases c-Fos expression in a distributed anxiety-related system projecting to the basolateral amygdaloid complex. *Neuroscience*, **2008**, 155, 659-72	3.9	59

13	Exposure to an open-field arena increases c-Fos expression in a subpopulation of neurons in the dorsal raphe nucleus, including neurons projecting to the basolateral amygdaloid complex. *Neuroscience*, **2008**, 157, 733-48	3.9	64
12	Remembering that things have changed: a review of the cellular mechanisms of memory re-consolidation in the day-old chick. *Brain Research Bulletin*, **2008**, 76, 192-7	3.9	4
11	Serotonergic systems, anxiety, and affective disorder: focus on the dorsomedial part of the dorsal raphe nucleus. *Annals of the New York Academy of Sciences*, **2008**, 1148, 86-94	6.5	200
10	Topographic organization and chemoarchitecture of the dorsal raphe nucleus and the median raphe nucleus **2008**, 25-67		25
9	Polyinosinic:polycytidylic acid induces memory processing deficits in the day-old chick. *Behavioural Pharmacology*, **2007**, 18, 19-27	2.4	9
8	Differential effects of exposure to low-light or high-light open-field on anxiety-related behaviors: relationship to c-Fos expression in serotonergic and non-serotonergic neurons in the dorsal raphe nucleus. *Brain Research Bulletin*, **2007**, 72, 32-43	3.9	124
7	Exposure to high- and low-light conditions in an open-field test of anxiety increases c-Fos expression in specific subdivisions of the rat basolateral amygdaloid complex. *Brain Research Bulletin*, **2006**, 71, 174-82	3.9	65
6	The effects of the dopamine D1 receptor antagonist SCH23390 on memory reconsolidation following reminder-activated retrieval in day-old chicks. *Neurobiology of Learning and Memory*, **2005** , 83, 104-12	3.1	22
5	Facilitation of a weak training experience in the 1-day-old chick using diphenylhydantoin: a pharmacological and biochemical study. *Pharmacology Biochemistry and Behavior*, **2004**, 77, 657-66	3.9	8
4	Facilitation and disruption of memory for the passive avoidance task in the day-old chick using dopamine D1 receptor compounds. *Behavioural Pharmacology*, **2003**, 14, 525-32	2.4	15
3	The effects of selective dopamine agonists on a passive avoidance learning task in the day-old chick. *Behavioural Pharmacology*, **2002**, 13, 295-301	2.4	11
2	Carryover effects associated with the single-trial passive avoidance learning task in the young chick. *Neurobiology of Learning and Memory*, **2002**, 78, 321-31	3.1	24
1	The effects of apomorphine and haloperidol on memory consolidation in the day-old-chick.. *Behavioral Neuroscience*, **2001**, 115, 376-383	2.1	9