

Matthew Hale

List of Publications by Citations

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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	Serotonergic systems, anxiety, and affective disorder: focus on the dorsomedial part of the dorsal raphe nucleus. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1148, 86-94	6.5	200
83	Functional topography of midbrain and pontine serotonergic systems: implications for synaptic regulation of serotonergic circuits. <i>Psychopharmacology</i> , 2011 , 213, 243-64	4.7	177
82	Immunization with a heat-killed preparation of the environmental bacterium <i>Mycobacterium vaccae</i> promotes stress resilience in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3130-9	11.5	137
81	Stress-related serotonergic systems: implications for symptomatology of anxiety and affective disorders. <i>Cellular and Molecular Neurobiology</i> , 2012 , 32, 695-708	4.6	131
80	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. <i>Brain Research Bulletin</i> , 2007 , 72, 32-43	3.9	124
79	Adverse experience during early life and adulthood interact to elevate tph2 mRNA expression in serotonergic neurons within the dorsal raphe nucleus. <i>Neuroscience</i> , 2009 , 163, 991-1001	3.9	71
78	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. <i>Brain Research Bulletin</i> , 2006 , 71, 174-82	3.9	65
77	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. <i>Neuroscience</i> , 2008 , 157, 733-48	3.9	64
76	Repeated social defeat increases reactive emotional coping behavior and alters functional responses in serotonergic neurons in the rat dorsal raphe nucleus. <i>Physiology and Behavior</i> , 2011 , 104, 272-82	3.5	63
75	Adverse early life experience and social stress during adulthood interact to increase serotonin transporter mRNA expression. <i>Brain Research</i> , 2009 , 1305, 47-63	3.7	61
74	Exposure to an open-field arena increases c-Fos expression in a distributed anxiety-related system projecting to the basolateral amygdaloid complex. <i>Neuroscience</i> , 2008 , 155, 659-72	3.9	59
73	Multiple anxiogenic drugs recruit a parvalbumin-containing subpopulation of GABAergic interneurons in the basolateral amygdala. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 1285-93	5.5	53
72	Greater glucocorticoid receptor activation in hippocampus of aged rats sensitizes microglia. <i>Neurobiology of Aging</i> , 2015 , 36, 1483-95	5.6	50
71	Investigation of a central nucleus of the amygdala/dorsal raphe nucleus serotonergic circuit implicated in fear-potentiated startle. <i>Neuroscience</i> , 2011 , 179, 104-19	3.9	49
70	Calorie restriction attenuates lipopolysaccharide (LPS)-induced microglial activation in discrete regions of the hypothalamus and the subfornical organ. <i>Brain, Behavior, and Immunity</i> , 2014 , 38, 13-24	16.6	43
69	Evidence for in vivo thermosensitivity of serotonergic neurons in the rat dorsal raphe nucleus and raphe pallidus nucleus implicated in thermoregulatory cooling. <i>Experimental Neurology</i> , 2011 , 227, 264-78	5.7	43
68	Integrative physiology of depression and antidepressant drug action: implications for serotonergic mechanisms of action and novel therapeutic strategies for treatment of depression. <i>Pharmacology & Therapeutics</i> , 2013 , 137, 108-18	13.9	42

67	Swim stress activates serotonergic and nonserotonergic neurons in specific subdivisions of the rat dorsal raphe nucleus in a temperature-dependent manner. <i>Neuroscience</i> , 2011 , 197, 251-68	3.9	41
66	A Systematic Review and Meta-analysis of the Effort-Reward Imbalance Model of Workplace Stress and Hypothalamic-Pituitary-Adrenal Axis Measures of Stress. <i>Psychosomatic Medicine</i> , 2018 , 80, 103-113	3.7	35
65	Urocortin 2 increases c-Fos expression in serotonergic neurons projecting to the ventricular/periventricular system. <i>Experimental Neurology</i> , 2010 , 224, 271-81	5.7	32
64	Somatic influences on subjective well-being and affective disorders: the convergence of thermosensory and central serotonergic systems. <i>Frontiers in Psychology</i> , 2014 , 5, 1580	3.4	30
63	Post-weaning social isolation of female rats, anxiety-related behavior, and serotonergic systems. <i>Brain Research</i> , 2012 , 1443, 1-17	3.7	28
62	Development [environment interactions control tph2 mRNA expression. <i>Neuroscience</i> , 2013 , 237, 139-50	3.9	26
61	Chronic work stress and decreased vagal tone impairs decision making and reaction time in jockeys. <i>Psychoneuroendocrinology</i> , 2017 , 84, 151-158	5	25
60	Topographic organization and chemoarchitecture of the dorsal raphe nucleus and the median raphe nucleus 2008 , 25-67		25
59	Carryover effects associated with the single-trial passive avoidance learning task in the young chick. <i>Neurobiology of Learning and Memory</i> , 2002 , 78, 321-31	3.1	24
58	Diet, behavior and immunity across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 58, 46-62	3.9	23
57	Calorie restriction increases lipopolysaccharide-induced neuropeptide Y immunolabeling and reduces microglial cell area in the arcuate hypothalamic nucleus. <i>Neuroscience</i> , 2015 , 285, 236-47	3.9	22
56	Development by environment interactions controlling tryptophan hydroxylase expression. <i>Journal of Chemical Neuroanatomy</i> , 2011 , 41, 219-26	3.2	22
55	The effects of the dopamine D1 receptor antagonist SCH23390 on memory reconsolidation following reminder-activated retrieval in day-old chicks. <i>Neurobiology of Learning and Memory</i> , 2005 , 83, 104-12	3.1	22
54	Post-weaning social isolation attenuates c-Fos expression in GABAergic interneurons in the basolateral amygdala of adult female rats. <i>Physiology and Behavior</i> , 2012 , 107, 719-25	3.5	21
53	Mild Closed-Head Injury in Conscious Rats Causes Transient Neurobehavioral and Glial Disturbances: A Novel Experimental Model of Concussion. <i>Journal of Neurotrauma</i> , 2019 , 36, 2260-2271	5.4	20
52	Fluoxetine inhibits corticotropin-releasing factor (CRF)-induced behavioural responses in rats. <i>Stress</i> , 2009 , 12, 225-39	3	20
51	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. <i>Neuroscience</i> , 2015 , 303, 270-84	3.9	18
50	An online mindfulness-based program is effective in improving affect, over-commitment, optimism and mucosal immunity. <i>Physiology and Behavior</i> , 2019 , 199, 20-27	3.5	16

49	Serotonin and the Neurobiology of Anxious States. <i>Handbook of Behavioral Neuroscience</i> , 2010 , 21, 379-397	15
48	Facilitation and disruption of memory for the passive avoidance task in the day-old chick using dopamine D1 receptor compounds. <i>Behavioural Pharmacology</i> , 2003 , 14, 525-32	2.4 15
47	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. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 44, 248-56	5.5 14
46	Role of the dorsomedial hypothalamus in glucocorticoid-mediated feedback inhibition of the hypothalamic-pituitary-adrenal axis. <i>Stress</i> , 2015 , 18, 76-87	3 14
45	Acute Administration of the Nonpathogenic, Saprophytic Bacterium, <i>Mycobacterium vaccae</i> , Induces Activation of Serotonergic Neurons in the Dorsal Raphe Nucleus and Antidepressant-Like Behavior in Association with Mild Hypothermia. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 289-304	4.6 14
44	Prior cold water swim stress alters immobility in the forced swim test and associated activation of serotonergic neurons in the rat dorsal raphe nucleus. <i>Neuroscience</i> , 2013 , 253, 221-34	3.9 13
43	Wiz binds active promoters and CTCF-binding sites and is required for normal behaviour in the mouse. <i>ELife</i> , 2016 , 5,	8.9 13
42	Platelet Depletion is Effective in Ameliorating Anxiety-Like Behavior and Reducing the Pro-Inflammatory Environment in the Hippocampus in Murine Experimental Autoimmune Encephalomyelitis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1 12
41	Pathways underlying afferent signaling of bronchopulmonary immune activation to the central nervous system. <i>Chemical Immunology and Allergy</i> , 2012 , 98, 118-41	11
40	The effects of selective dopamine agonists on a passive avoidance learning task in the day-old chick. <i>Behavioural Pharmacology</i> , 2002 , 13, 295-301	2.4 11
39	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. <i>Neuroscience</i> , 2018 , 386, 1-15	3.9 11
38	Inactivity Is Nycthemeral, Endogenously Generated, Homeostatically Regulated, and Melatonin Modulated in a Free-Living Platyhelminth Flatworm. <i>Sleep</i> , 2017 , 40,	1.1 10
37	Identifying the sources of stress and rewards in a group of Australian apprentice jockeys. <i>Qualitative Research in Sport, Exercise and Health</i> , 2017 , 9, 583-599	7 10
36	Fluoxetine potentiates the effects of corticotropin-releasing factor on locomotor activity and serotonergic systems in the roughskin newt, <i>Taricha granulosa</i> . <i>Hormones and Behavior</i> , 2009 , 56, 177-84	2.7 9
35	Polyinosinic:polycytidylic acid induces memory processing deficits in the day-old chick. <i>Behavioural Pharmacology</i> , 2007 , 18, 19-27	2.4 9
34	The effects of apomorphine and haloperidol on memory consolidation in the day-old-chick.. <i>Behavioral Neuroscience</i> , 2001 , 115, 376-383	2.1 9
33	The salivary alpha amylase awakening response is related to over-commitment. <i>Stress</i> , 2018 , 21, 194-202	8
32	Social approach, anxiety, and altered tryptophan hydroxylase 2 activity in juvenile BALB/c and C57BL/6J mice. <i>Behavioural Brain Research</i> , 2019 , 359, 918-926	3.4 8

31	Facilitation of a weak training experience in the 1-day-old chick using diphenylhydantoin: a pharmacological and biochemical study. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 657-66	3.9	8
30	Trait Mindfulness Helps Explain the Relationships Between Job Stress, Physiological Reactivity, and Self-Perceived Health. <i>Journal of Occupational and Environmental Medicine</i> , 2019 , 61, e12-e18	2	8
29	Whole-body hyperthermia and a subthreshold dose of citalopram act synergistically to induce antidepressant-like behavioral responses in adolescent rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 162-168	5.5	7
28	Involvement of Serotonergic and Relaxin-3 Neuropeptide Systems in the Expression of Anxiety-like Behavior. <i>Neuroscience</i> , 2018 , 390, 88-103	3.9	7
27	Assessing the association of university stress and physiological reactivity with decision-making among students. <i>Stress</i> , 2020 , 23, 136-143	3	7
26	Multiple pathological mechanisms contribute to hippocampal damage in the experimental autoimmune encephalomyelitis model of multiple sclerosis. <i>NeuroReport</i> , 2018 , 29, 19-24	1.7	7
25	Trait mindfulness and the Effort-Reward Imbalance workplace stress model: Higher trait mindfulness is associated with increased salivary immunoglobulin A. <i>Behavioural Brain Research</i> , 2020 , 377, 112252	3.4	5
24	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. <i>Journal of Psychopharmacology</i> , 2018 , 32, 911-921	4.6	5
23	Differential anxiety-like responses in NOD/ShiLtJ and C57BL/6J mice following experimental autoimmune encephalomyelitis induction and oral gavage. <i>Laboratory Animals</i> , 2018 , 52, 470-478	2.6	4
22	Anxiolytic phenotype and modified serotonergic activity in Urocortin1 and 2 double-deficient mice. <i>Molecular Psychiatry</i> , 2010 , 15, 339-339	15.1	4
21	Remembering that things have changed: a review of the cellular mechanisms of memory re-consolidation in the day-old chick. <i>Brain Research Bulletin</i> , 2008 , 76, 192-7	3.9	4
20	Reduced professional efficacy is associated with a blunted salivary alpha-amylase awakening response. <i>Physiology and Behavior</i> , 2019 , 199, 292-299	3.5	4
19	Platelets in Multiple Sclerosis: Early and Central Mediators of Inflammation and Neurodegeneration and Attractive Targets for Molecular Imaging and Site-Directed Therapy. <i>Frontiers in Immunology</i> , 2021 , 12, 620963	8.4	4
18	Deletion of IL-4R α in the BALB/c mouse is associated with altered lesion topography and susceptibility to experimental autoimmune encephalomyelitis. <i>Autoimmunity</i> , 2015 , 48, 208-21	3	3
17	Long-term effects of young-adult methamphetamine on dorsal raphe serotonin systems in mice: Role of brain-derived neurotrophic factor. <i>Brain Research</i> , 2021 , 1762, 147428	3.7	3
16	Interactions between whole-body heating and citalopram on body temperature, antidepressant-like behaviour, and neurochemistry in adolescent male rats. <i>Behavioural Brain Research</i> , 2019 , 359, 428-439	3.4	3
15	Stimulatory, but not anxiogenic, doses of caffeine act centrally to activate interscapular brown adipose tissue thermogenesis in anesthetized male rats. <i>Scientific Reports</i> , 2021 , 11, 113	4.9	3
14	Serotonin in Stress 2019 , 115-123		2

13	The type 4 phosphodiesterase inhibitors rolipram and YM976 facilitate recall of the weak version of the passive avoidance task in the day-old chick. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 224-30	3.9	2
12	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. <i>Behavioural Brain Research</i> , 2021 , 408, 113268	3.4	2
11	Effect of Pleomorphic Adenoma Gene 1 Deficiency on Selected Behaviours in Adult Mice. <i>Neuroscience</i> , 2021 , 455, 30-38	3.9	2
10	Serotonin and the neurobiology of anxious states. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 31, 505-520	3.9	1
9	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. <i>Behavioural Brain Research</i> , 2009 , 197, 347-55	3.4	1
8	Immunomodulation Eliminates Inflammation in the Hippocampus in Experimental Autoimmune Encephalomyelitis, but Does Not Ameliorate Anxiety-Like Behavior. <i>Frontiers in Immunology</i> , 2021 , 12, 639650	8.4	1
7	Empathy and job resources buffer the effect of higher job demands on increased salivary alpha amylase awakening responses in direct-care workers. <i>Behavioural Brain Research</i> , 2020 , 394, 112826	3.4	0
6	Positive verbal feedback about task performance is related with adaptive physiological responses: An experimental study of the effort-reward imbalance stress model. <i>International Journal of Psychophysiology</i> , 2019 , 135, 55-62	2.9	0
5	Within subject rise in serum TNF α to IL-10 ratio is associated with poorer attention, decision-making and working memory in jockeys. <i>Comprehensive Psychoneuroendocrinology</i> , 2022 , 10, 100131	1.1	0
4	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.. <i>Journal of Psychopharmacology</i> , 2022 , 2698811221089039	4.6	0
3	Brain Monoaminergic Systems in Stress Neuroendocrinology 2015 , 19-42		
2	The effect of estrogen on brown adipose tissue activity in male rats.. <i>BMC Research Notes</i> , 2022 , 15, 28	2.3	
1	5-HTTLPR polymorphism and cross-cultural adaptation: the role of relational openness as a mediator. <i>Culture and Brain</i> , 2021 , 9, 48-62	1.1	