

# Tony W Buchanan

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

6,760  
citations

126858

33  
h-index

110317

64  
g-index

74  
all docs

74  
docs citations

74  
times ranked

7019  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mechanism for impaired fear recognition after amygdala damage. <i>Nature</i> , 2005, 433, 68-72.	13.7	1,193
2	Enhanced memory for emotional material following stress-level cortisol treatment in humans. <i>Psychoneuroendocrinology</i> , 2001, 26, 307-317.	1.3	670
3	Recognition of emotional prosody and verbal components of spoken language: an fMRI study. <i>Cognitive Brain Research</i> , 2000, 9, 227-238.	3.3	412
4	Cardiovascular and neuroendocrine adjustment to public speaking and mental arithmetic stressors. <i>Psychophysiology</i> , 1997, 34, 266-275.	1.2	370
5	Retrieval of emotional memories.. <i>Psychological Bulletin</i> , 2007, 133, 761-779.	5.5	363
6	Predictive Neural Coding of Reward Preference Involves Dissociable Responses in Human Ventral Midbrain and Ventral Striatum. <i>Neuron</i> , 2006, 49, 157-166.	3.8	286
7	Impaired memory retrieval correlates with individual differences in cortisol response but not autonomic response. <i>Learning and Memory</i> , 2006, 13, 382-387.	0.5	240
8	Effects of anticipatory stress on decision making in a gambling task.. <i>Behavioral Neuroscience</i> , 2007, 121, 257-263.	0.6	231
9	Amygdala damage impairs emotional memory for gist but not details of complex stimuli. <i>Nature Neuroscience</i> , 2005, 8, 512-518.	7.1	200
10	Evidence for preserved emotional memory in normal older persons.. <i>Emotion</i> , 2003, 3, 239-253.	1.5	197
11	Circadian regulation of cortisol after hippocampal damage in humans. <i>Biological Psychiatry</i> , 2004, 56, 651-656.	0.7	179
12	Cortisol fluctuates with increases and decreases in negative affect. <i>Psychoneuroendocrinology</i> , 1999, 24, 227-241.	1.3	148
13	Stress and emotional memory retrieval: Effects of sex and cortisol response. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 134-141.	1.0	145
14	The influence of autonomic arousal and semantic relatedness on memory for emotional words. <i>International Journal of Psychophysiology</i> , 2006, 61, 26-33.	0.5	139
15	Focused and Nonfocused Attention in Verbal and Emotional Dichotic Listening: An fMRI Study. <i>Brain and Language</i> , 2001, 78, 349-363.	0.8	135
16	The empathic, physiological resonance of stress. <i>Social Neuroscience</i> , 2012, 7, 191-201.	0.7	127
17	2. The role of the human amygdala in emotional modulation of long-term declarative memory. <i>Advances in Consciousness Research</i> , 2002, , 9-34.	0.2	100
18	Medial prefrontal cortex damage affects physiological and psychological stress responses differently in men and women. <i>Psychoneuroendocrinology</i> , 2010, 35, 56-66.	1.3	93

#	ARTICLE	IF	CITATIONS
19	Stress leads to prosocial action in immediate need situations. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 5.	1.0	90
20	Individual differences in cognitive control processes and their relationship to emotion regulation. <i>Cognition and Emotion</i> , 2016, 30, 912-924.	1.2	86
21	Exogenous cortisol exerts effects on the startle reflex independent of emotional modulation. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 68, 203-210.	1.3	81
22	Pain perception and cardiovascular responses in men with positive parental history for hypertension. <i>Psychophysiology</i> , 1996, 33, 655-661.	1.2	75
23	Verbal and Nonverbal Emotional Memory Following Unilateral Amygdala Damage. <i>Learning and Memory</i> , 2001, 8, 326-335.	0.5	73
24	Emotional Autobiographical Memories in Amnesic Patients with Medial Temporal Lobe Damage. <i>Journal of Neuroscience</i> , 2005, 25, 3151-3160.	1.7	72
25	Chronic stress exposure decreases the cortisol awakening response in healthy young men. <i>Stress</i> , 2013, 16, 630-637.	0.8	70
26	Anteromedial Temporal Lobe Damage Blocks Startle Modulation by Fear and Disgust.. <i>Behavioral Neuroscience</i> , 2004, 118, 429-437.	0.6	68
27	Acute stress reduces speech fluency. <i>Biological Psychology</i> , 2014, 97, 60-66.	1.1	65
28	Memories for emotional autobiographical events following unilateral damage to medial temporal lobe. <i>Brain</i> , 2006, 129, 115-127.	3.7	62
29	A Specific Role for the Human Amygdala in Olfactory Memory. <i>Learning and Memory</i> , 2003, 10, 319-325.	0.5	58
30	Hippocampal damage abolishes the cortisol response to psychosocial stress in humans. <i>Hormones and Behavior</i> , 2009, 56, 44-50.	1.0	58
31	Sex differences in physiological and affective responses to stress in remitted depression. <i>Physiology and Behavior</i> , 2011, 104, 180-186.	1.0	55
32	Sex differences in pain perception and cardiovascular responses in persons with parental history for hypertension. <i>Pain</i> , 1999, 83, 331-338.	2.0	52
33	The time course of the BOLD response in the human auditory cortex to acoustic stimuli of different duration. <i>Cognitive Brain Research</i> , 1999, 8, 117-124.	3.3	35
34	Altered Emotion-Modulated Startle in Young Adults With a Family History of Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 441-448.	1.4	34
35	Stress Hormones in Psychophysiological Research: Emotional, Behavioral, and Cognitive Implications. , 0, , 465-494.		31
36	Stress and gambling. <i>Current Opinion in Behavioral Sciences</i> , 2020, 31, 8-12.	2.0	31

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37	Comparison of the ratio of the standard deviation of the R-R interval and the root mean squared successive differences (SD/rMSSD) to the low frequency-to-high frequency (LF/HF) ratio in a patient population and normal healthy controls. <i>Biomedical Sciences Instrumentation</i> , 2007, 43, 158-63.	0.2	28
38	Selective effects of triazolam on memory for emotional, relative to neutral, stimuli: Differential effects on gist versus detail.. <i>Behavioral Neuroscience</i> , 2003, 117, 517-525.	0.6	27
39	The Neuroanatomy of Emotional Memory in Humans. , 2004, , 42-75.		27
40	Long-term academic stress increases the late component of error processing: An ERP study. <i>Biological Psychology</i> , 2014, 99, 77-82.	1.1	26
41	Aphasia and the neuropsychobiology of stress. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 688-700.	0.8	25
42	Identifying Behavioral Measures of Stress in Individuals With Aphasia. <i>Journal of Speech, Language, and Hearing Research</i> , 2010, 53, 1394-1400.	0.7	22
43	Acute Psychological Stress Disrupts Attentional Bias to Threat-Related Stimuli. <i>Scientific Reports</i> , 2017, 7, 14607.	1.6	22
44	Salivary $\hat{\pm}$ -amylase levels as a biomarker of experienced fear. <i>Communicative and Integrative Biology</i> , 2010, 3, 525-527.	0.6	21
45	Cumulative lifetime stress exposure predicts greater impulsivity and addictive behaviors. <i>Journal of Health Psychology</i> , 2021, 26, 2921-2936.	1.3	21
46	Diurnal cortisol rhythm is associated with increased risky decision-making in older adults.. <i>Psychology and Aging</i> , 2014, 29, 271-283.	1.4	19
47	Cortisol awakening response predicts intrinsic functional connectivity of the medial prefrontal cortex in the afternoon of the same day. <i>NeuroImage</i> , 2015, 122, 158-165.	2.1	18
48	Empathy for the Stressed. <i>Adaptive Human Behavior and Physiology</i> , 2016, 2, 311-324.	0.6	17
49	How Do Stress and Social Closeness Impact <i>&lt;i&gt;Prosocial&lt;/i&gt;</i> Behavior?. <i>Experimental Psychology</i> , 2020, 67, 123-131.	0.3	17
50	Altered emotion-modulated startle in young adults with a family history of alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 441-8.	1.4	16
51	Associations between Feeling and Judging the Emotions of Happiness and Fear: Findings from a Large-Scale Field Experiment. <i>PLoS ONE</i> , 2010, 5, e10640.	1.1	15
52	High cortisol awakening response is associated with impaired error monitoring and decreased post-error adjustment. <i>Stress</i> , 2015, 18, 561-568.	0.8	14
53	The role of genetics in stress effects on health and addiction. <i>Current Opinion in Psychology</i> , 2019, 27, 72-76.	2.5	14
54	Tip of the Tongue States Increase Under Evaluative Observation. <i>Journal of Psycholinguistic Research</i> , 2018, 47, 169-178.	0.7	11

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55	Only "efficient" emotional stimuli affect the content of working memory during free-recollection from natural scenes. <i>Cognitive Processing</i> , 2018, 19, 125-132.	0.7	11
56	Diurnal Cortisol Dynamics, Perceived Stress, and Language Production in Aphasia. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 1416-1426.	0.7	11
57	Diurnal cortisol and decision making under risk in problem gambling.. <i>Psychology of Addictive Behaviors</i> , 2020, 34, 218-229.	1.4	9
58	Subjective stress and proactive and reactive cognitive control strategies. <i>European Journal of Neuroscience</i> , 2022, 55, 2558-2570.	1.2	8
59	Alterations of attention and emotional processing following childhood-onset damage to the prefrontal cortex.. <i>Behavioral Neuroscience</i> , 2014, 128, 1-11.	0.6	7
60	In sickness and in health: partner's physical and mental health predicts cortisol levels in couples. <i>Stress</i> , 2019, 22, 295-302.	0.8	7
61	Greater Heart Rate Responses to Acute Stress Are Associated with Better Post-Error Adjustment in Special Police Cadets. <i>PLoS ONE</i> , 2016, 11, e0159322.	1.1	7
62	Central and peripheral nervous system interactions: From mind to brain to body. <i>International Journal of Psychophysiology</i> , 2009, 72, 1-4.	0.5	6
63	Commentary: Social stress contagion in rats: Behavioral, autonomic and neuroendocrine correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 175.	1.0	4
64	Bilateral amygdala damage linked to impaired ability to predict others' fear but preserved moral judgements about causing others fear. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202651.	1.2	3
65	Diffusion tensor imaging findings and neuropsychological performance in adults with TBI across the spectrum of severity in the chronic-phase. <i>Brain Injury</i> , 2021, 35, 536-546.	0.6	1
66	When Feeling and Doing Diverge. , 2016, , 89-104.		1
67	Psychophysiology: Theory and Methods. , 2020, , 1-5.		0
68	Psychophysiology: Theory and Methods. , 2020, , 1776-1780.		0