

Robert Miller

List of Publications by Year in descending order

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63
papers

4,235
citations

159585

30
h-index

133252

59
g-index

64
all docs

64
docs citations

64
times ranked

6076
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic stress and executive functioning: A specification-curve analysis. <i>Physiology and Behavior</i> , 2022, 243, 113639.	2.1	2
2	Automating LC-MS/MS mass chromatogram quantification: Wavelet transform based peak detection and automated estimation of peak boundaries and signal-to-noise ratio using signal processing methods. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103211.	5.7	4
3	How to deal with non-detectable and outlying values in biomarker research: Best practices and recommendations for univariate imputation approaches. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 7, 100052.	1.7	13
4	<scp>HPA</scp> axis stress reactivity and hair cortisol concentrations in recently detoxified alcoholics and healthy controls with and without childhood maltreatment. <i>Addiction Biology</i> , 2020, 25, e12681.	2.6	12
5	FKBP5 methylation predicts functional network architecture of the rostral anterior cingulate cortex. <i>Brain Structure and Function</i> , 2020, 225, 33-43.	2.3	4
6	Comparison of hair cortisol concentrations between self- and professionally-collected hair samples and the role of five-factor personality traits as potential moderators. <i>Psychoneuroendocrinology</i> , 2020, 122, 104859.	2.7	12
7	Cumulative Dopamine Genetic Score predicts behavioral and electrophysiological correlates of response inhibition via interactions with task demand. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 59-75.	2.0	9
8	Cortisol secretion predicts functional macro-scale connectivity of the visual cortex: A data-driven Multivoxel Pattern Analysis (MVPA). <i>Psychoneuroendocrinology</i> , 2020, 117, 104695.	2.7	7
9	Reconsidering the construct validity of self-reported chronic stress: A multidimensional item response theory approach. <i>Psychological Assessment</i> , 2020, 32, 997-1014.	1.5	7
10	Trier Social Stress Test. , 2020, , 1-5.		0
11	Trier Social Stress Test. , 2020, , 2275-2279.		0
12	Prospective memory under acute stress: The role of (output) monitoring and ongoing-task demands. <i>Neurobiology of Learning and Memory</i> , 2019, 164, 107046.	1.9	5
13	Demographic, sampling- and assay-related confounders of endogenous oxytocin concentrations: A systematic review and meta-analysis. <i>Frontiers in Neuroendocrinology</i> , 2019, 54, 100775.	5.2	27
14	The psychometric properties and temporal dynamics of subjective stress, retrospectively assessed by different informants and questionnaires, and hair cortisol concentrations. <i>Scientific Reports</i> , 2019, 9, 1098.	3.3	40
15	Persistent Effects of Antenatal Synthetic Glucocorticoids on Endocrine Stress Reactivity From Childhood to Adolescence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 827-834.	3.6	31
16	Thinking Against Burnout? An Individual's Tendency to Engage in and Enjoy Thinking as a Potential Resilience Factor of Burnout Symptoms and Burnout-Related Impairment in Executive Functioning. <i>Frontiers in Psychology</i> , 2019, 10, 420.	2.1	6
17	Association of Testosterone Treatment With Alleviation of Depressive Symptoms in Men. <i>JAMA Psychiatry</i> , 2019, 76, 31.	11.0	116
18	Cultures under stress: A cross-national meta-analysis of cortisol responses to the Trier Social Stress Test and their association with anxiety-related value orientations and internalizing mental disorders. <i>Psychoneuroendocrinology</i> , 2019, 105, 147-154.	2.7	35

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19	The Dresden Burnout Study: Protocol of a prospective cohort study for the bio-psychological investigation of burnout. <i>International Journal of Methods in Psychiatric Research</i> , 2018, 27, e1613.	2.1	24
20	Comparability, stability, and reliability of internet-based mental chronometry in domestic and laboratory settings. <i>Behavior Research Methods</i> , 2018, 50, 1345-1358.	4.0	23
21	Glucocorticoid receptor gene methylation moderates the association of childhood trauma and cortisol stress reactivity. <i>Psychoneuroendocrinology</i> , 2018, 90, 68-75.	2.7	66
22	How to disentangle psychobiological stress reactivity and recovery: A comparison of model-based and non-compartmental analyses of cortisol concentrations. <i>Psychoneuroendocrinology</i> , 2018, 90, 194-210.	2.7	46
23	On the Relation Between the (Censored) Shifted Wald and the Wiener Distribution as Measurement Models for Choice Response Times. <i>Applied Psychological Measurement</i> , 2018, 42, 116-135.	1.0	4
24	Hair cortisol as a biological marker for burnout symptomatology. <i>Psychoneuroendocrinology</i> , 2018, 87, 218-221.	2.7	57
25	Stressful life events predict one-year change of leukocyte composition in peripheral blood. <i>Psychoneuroendocrinology</i> , 2018, 94, 17-24.	2.7	15
26	Writing a discussion section: how to integrate substantive and statistical expertise. <i>BMC Medical Research Methodology</i> , 2018, 18, 34.	3.1	11
27	Reduced self-regulation mirrors the distorting effects of burnout symptomatology on task difficulty perception during an inhibition task. <i>Stress</i> , 2018, 21, 511-519.	1.8	8
28	Stress-related and basic determinants of hair cortisol in humans: A meta-analysis. <i>Psychoneuroendocrinology</i> , 2017, 77, 261-274.	2.7	556
29	Corrigendum to "The CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studies" [PNEC 73C (2016) 16-23]. <i>Psychoneuroendocrinology</i> , 2017, 76, 226-227.	2.7	3
30	Reply to the commentary by Parrot and Downey (2017). <i>Psychoneuroendocrinology</i> , 2017, 81, 160.	2.7	0
31	NMDA receptor modulation by dextromethorphan and acute stress selectively alters electroencephalographic indicators of partial report processing. <i>European Neuropsychopharmacology</i> , 2017, 27, 1042-1053.	0.7	2
32	Measuring Hair Cortisol Concentrations to Assess the Effect of Anthropogenic Impacts on Wild Chimpanzees (<i>Pan troglodytes</i>). <i>PLoS ONE</i> , 2016, 11, e0151870.	2.5	45
33	In vitro influence of light radiation on hair steroid concentrations. <i>Psychoneuroendocrinology</i> , 2016, 73, 109-116.	2.7	21
34	Effects of Ginkgo biloba extract EGb 761® on cognitive control functions, mental activity of the prefrontal cortex and stress reactivity in elderly adults with subjective memory impairment – a randomized double-blind placebo-controlled trial. <i>Human Psychopharmacology</i> , 2016, 31, 227-242.	1.5	34
35	Baseline Patient Characteristics Predicting Outcome and Attrition in Cognitive Therapy for Social Phobia: Results from a Large Multicentre Trial. <i>Clinical Psychology and Psychotherapy</i> , 2016, 23, 35-46.	2.7	52
36	Hydrocortisone Counteracts Adverse Stress Effects on Dual-Task Performance by Improving Visual Sensory Processes. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1784-1803.	2.3	10

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37	The CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studies. <i>Psychoneuroendocrinology</i> , 2016, 73, 16-23.	2.7	160
38	Impact of Antenatal Glucocorticoid Therapy and Risk of Preterm Delivery on Intelligence in Term-Born Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 581-589.	3.6	33
39	Assessment of the cortisol awakening response: Expert consensus guidelines. <i>Psychoneuroendocrinology</i> , 2016, 63, 414-432.	2.7	727
40	Sweat-inducing physiological challenges do not result in acute changes in hair cortisol concentrations. <i>Psychoneuroendocrinology</i> , 2015, 53, 108-116.	2.7	53
41	Hair cortisol concentrations and cortisol stress reactivity predict PTSD symptom increase after trauma exposure during military deployment. <i>Psychoneuroendocrinology</i> , 2015, 59, 123-133.	2.7	119
42	Hydrocortisone accelerates the decay of iconic memory traces: On the modulation of executive and stimulus-driven constituents of sensory information maintenance. <i>Psychoneuroendocrinology</i> , 2015, 53, 148-158.	2.7	9
43	Effects of body region and time on hair cortisol concentrations in chimpanzees (<i>Pan troglodytes</i>). <i>General and Comparative Endocrinology</i> , 2015, 223, 9-15.	1.8	52
44	Therapists' and patients' stress responses during graduated versus flooding in vivo exposure in the treatment of specific phobia: A preliminary observational study. <i>Psychiatry Research</i> , 2015, 230, 668-675.	3.3	16
45	Effects of genetic and early environmental risk factors for depression on serotonin transporter expression and methylation profiles. <i>Translational Psychiatry</i> , 2014, 4, e402-e402.	4.8	102
46	Cortisol increase in empathic stress is modulated by emotional closeness and observation modality. <i>Psychoneuroendocrinology</i> , 2014, 45, 192-201.	2.7	96
47	The relation of the cortisol awakening response and prospective memory functioning in young children. <i>Biological Psychology</i> , 2014, 99, 41-46.	2.2	22
48	Transcranial electrical stimulation modifies the neuronal response to psychosocial stress exposure. <i>Human Brain Mapping</i> , 2014, 35, 3750-3759.	3.6	53
49	DNA methylation profiles within the serotonin transporter gene moderate the association of 5-HTTLPR and cortisol stress reactivity. <i>Translational Psychiatry</i> , 2014, 4, e443-e443.	4.8	75
50	Effect of a naturalistic prospective memory-related task on the cortisol awakening response in young children. <i>Biological Psychology</i> , 2014, 103, 24-26.	2.2	11
51	Who is stressed? A pilot study of salivary cortisol and alpha-amylase concentrations in agoraphobic patients and their novice therapists undergoing in vivo exposure. <i>Psychoneuroendocrinology</i> , 2014, 49, 280-289.	2.7	30
52	Need for cognition relates to low-level visual performance in a metacontrast masking paradigm. <i>Journal of Research in Personality</i> , 2014, 48, 45-50.	1.7	21
53	Do venepuncture procedures induce cortisol responses? A review, study, and synthesis for stress research. <i>Psychoneuroendocrinology</i> , 2014, 46, 88-99.	2.7	55
54	Comparison of salivary cortisol as measured by different immunoassays and tandem mass spectrometry. <i>Psychoneuroendocrinology</i> , 2013, 38, 50-57.	2.7	145

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55	The cortisol awakening response in infants: Ontogeny and associations with development-related variables. <i>Psychoneuroendocrinology</i> , 2013, 38, 552-559.	2.7	41
56	Transformation techniques for cross-sectional and longitudinal endocrine data: Application to salivary cortisol concentrations. <i>Psychoneuroendocrinology</i> , 2013, 38, 941-946.	2.7	115
57	Cortisol in Hair and the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2573-2580.	3.6	183
58	The serotonin transporter gene-linked polymorphic region (5-HTTLPR) and cortisol stress reactivity: a meta-analysis. <i>Molecular Psychiatry</i> , 2013, 18, 1018-1024.	7.9	145
59	Classification Criteria for Distinguishing Cortisol Responders From Nonresponders to Psychosocial Stress. <i>Psychosomatic Medicine</i> , 2013, 75, 832-840.	2.0	279
60	Cortisol in hair, body mass index and stress-related measures. <i>Biological Psychology</i> , 2012, 90, 218-223.	2.2	147
61	Intraindividual stability of hair cortisol concentrations. <i>Psychoneuroendocrinology</i> , 2012, 37, 602-610.	2.7	217
62	Never Use One When Two Will Do *The first two authors contributed equally to this paper.. <i>Journal of Personnel Psychology</i> , 2012, 11, 95-102.	1.4	7
63	Decay of iconic memory traces is related to psychometric intelligence: A fixed-links modeling approach. <i>Learning and Individual Differences</i> , 2010, 20, 699-704.	2.7	15