Robert Miller

List of Publications by Year
in descending order

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	Assessment of the cortisol awakening response: Expert consensus guidelines. Psychoneuroendocrinology, 2016, 63, 414-432.	2.7	727
2	Stress-related and basic determinants of hair cortisol in humans: A meta-analysis. Psychoneuroendocrinology, 2017, 77, 261-274.	2.7	556
3	Classification Criteria for Distinguishing Cortisol Responders From Nonresponders to Psychosocial Stress. Psychosomatic Medicine, 2013, 75, 832-840.	2.0	279
4	Intraindividual stability of hair cortisol concentrations. Psychoneuroendocrinology, 2012, 37, 602-610.	2.7	217
5	Cortisol in Hair and the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2573-2580.	3.6	183
6	The CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studies. Psychoneuroendocrinology, 2016, 73, 16-23.	2.7	160
7	Cortisol in hair, body mass index and stress-related measures. Biological Psychology, 2012, 90, 218-223.	2.2	147
8	Comparison of salivary cortisol as measured by different immunoassays and tandem mass spectrometry. Psychoneuroendocrinology, 2013, 38, 50-57.	2.7	145
9	The serotonin transporter gene-linked polymorphic region (5-HTTLPR) and cortisol stress reactivity: a meta-analysis. Molecular Psychiatry, 2013, 18, 1018-1024.	7.9	145
10	Hair cortisol concentrations and cortisol stress reactivity predict PTSD symptom increase after trauma exposure during military deployment. Psychoneuroendocrinology, 2015, 59, 123-133.	2.7	119
11	Association of Testosterone Treatment With Alleviation of Depressive Symptoms in Men. JAMA Psychiatry, 2019, 76, 31.	11.0	116
12	Transformation techniques for cross-sectional and longitudinal endocrine data: Application to salivary cortisol concentrations. Psychoneuroendocrinology, 2013, 38, 941-946.	2.7	115
13	Effects of genetic and early environmental risk factors for depression on serotonin transporter expression and methylation profiles. Translational Psychiatry, 2014, 4, e402-e402.	4.8	102
14	Cortisol increase in empathic stress is modulated by emotional closeness and observation modality. Psychoneuroendocrinology, 2014, 45, 192-201.	2.7	96
15	DNA methylation profiles within the serotonin transporter gene moderate the association of 5-HTTLPR and cortisol stress reactivity. Translational Psychiatry, 2014, 4, e443-e443.	4.8	75
16	Glucocorticoid receptor gene methylation moderates the association of childhood trauma and cortisol stress reactivity. Psychoneuroendocrinology, 2018, 90, 68-75.	2.7	66
17	Hair cortisol as a biological marker for burnout symptomatology. Psychoneuroendocrinology, 2018, 87, 218-221.	2.7	57
18	Do venepuncture procedures induce cortisol responses? A review, study, and synthesis for stress research. Psychoneuroendocrinology, 2014, 46, 88-99.	2.7	55

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19	Transcranial electrical stimulation modifies the neuronal response to psychosocial stress exposure. Human Brain Mapping, 2014, 35, 3750-3759.	3.6	53
20	Sweat-inducing physiological challenges do not result in acute changes in hair cortisol concentrations. Psychoneuroendocrinology, 2015, 53, 108-116.	2.7	53
21	Effects of body region and time on hair cortisol concentrations in chimpanzees (Pan troglodytes). General and Comparative Endocrinology, 2015, 223, 9-15.	1.8	52
22	Baseline Patient Characteristics Predicting Outcome and Attrition in Cognitive Therapy for Social Phobia: Results from a Large Multicentre Trial. Clinical Psychology and Psychotherapy, 2016, 23, 35-46.	2.7	52
23	How to disentangle psychobiological stress reactivity and recovery: A comparison of model-based and non-compartmental analyses of cortisol concentrations. Psychoneuroendocrinology, 2018, 90, 194-210.	2.7	46
24	Measuring Hair Cortisol Concentrations to Assess the Effect of Anthropogenic Impacts on Wild Chimpanzees (Pan troglodytes). PLoS ONE, 2016, 11, e0151870.	2.5	45
25	The cortisol awakening response in infants: Ontogeny and associations with development-related variables. Psychoneuroendocrinology, 2013, 38, 552-559.	2.7	41
26	The psychometric properties and temporal dynamics of subjective stress, retrospectively assessed by different informants and questionnaires, and hair cortisol concentrations. Scientific Reports, 2019, 9, 1098.	3.3	40
27	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. Psychoneuroendocrinology, 2019, 105, 147-154.	2.7	35
28	Effects of Ginkgo biloba extract EGb 761Â® on cognitive control functions, mental activity of the prefrontal cortex and stress reactivity in elderly adults with subjective memory impairment â€“ a randomized doubleâ€blind placeboâ€controlled trial. Human Psychopharmacology, 2016, 31, 227-242.	1.5	34
29	Impact of Antenatal Glucocorticoid Therapy and Risk of Preterm Delivery on Intelligence in Term-Born Children. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 581-589.	3.6	33
30	Persistent Effects of Antenatal Synthetic Glucocorticoids on Endocrine Stress Reactivity From Childhood to Adolescence. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 827-834.	3.6	31
31	Who is stressed? A pilot study of salivary cortisol and alpha-amylase concentrations in agoraphobic patients and their novice therapists undergoing in vivo exposure. Psychoneuroendocrinology, 2014, 49, 280-289.	2.7	30
32	Demographic, sampling- and assay-related confounders of endogenous oxytocin concentrations: A systematic review and meta-analysis. Frontiers in Neuroendocrinology, 2019, 54, 100775.	5.2	27
33	The Dresden Burnout Study: Protocol of a prospective cohort study for the bioâ€psychological investigation of burnout. International Journal of Methods in Psychiatric Research, 2018, 27, e1613.	2.1	24
34	Comparability, stability, and reliability of internet-based mental chronometry in domestic and laboratory settings. Behavior Research Methods, 2018, 50, 1345-1358.	4.0	23
35	The relation of the cortisol awakening response and prospective memory functioning in young children. Biological Psychology, 2014, 99, 41-46.	2.2	22
36	Need for cognition relates to low-level visual performance in a metacontrast masking paradigm. Journal of Research in Personality, 2014, 48, 45-50.	1.7	21

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37	In vitro influence of light radiation on hair steroid concentrations. Psychoneuroendocrinology, 2016, 73, 109-116.	2.7	21
38	Therapists' and patients' stress responses during graduated versus flooding in vivo exposure in the treatment of specific phobia: A preliminary observational study. Psychiatry Research, 2015, 230, 668-675.	3.3	16
39	Decay of iconic memory traces is related to psychometric intelligence: A fixed-links modeling approach. Learning and Individual Differences, 2010, 20, 699-704.	2.7	15
40	Stressful life events predict one-year change of leukocyte composition in peripheral blood. Psychoneuroendocrinology, 2018, 94, 17-24.	2.7	15
41	How to deal with non-detectable and outlying values in biomarker research: Best practices and recommendations for univariate imputation approaches. Comprehensive Psychoneuroendocrinology, 2021, 7, 100052.	1.7	13
42	<scp>HPA</scp> axis stress reactivity and hair cortisol concentrations in recently detoxified alcoholics and healthy controls with and without childhood maltreatment. Addiction Biology, 2020, 25, e12681.	2.6	12
43	Comparison of hair cortisol concentrations between self- and professionally-collected hair samples and the role of five-factor personality traits as potential moderators. Psychoneuroendocrinology, 2020, 122, 104859.	2.7	12
44	Effect of a naturalistic prospective memory-related task on the cortisol awakening response in young children. Biological Psychology, 2014, 103, 24-26.	2.2	11
45	Writing a discussion section: how to integrate substantive and statistical expertise. BMC Medical Research Methodology, 2018, 18, 34.	3.1	11
46	Hydrocortisone Counteracts Adverse Stress Effects on Dual-Task Performance by Improving Visual Sensory Processes. Journal of Cognitive Neuroscience, 2016, 28, 1784-1803.	2.3	10
47	Hydrocortisone accelerates the decay of iconic memory traces: On the modulation of executive and stimulus-driven constituents of sensory information maintenance. Psychoneuroendocrinology, 2015, 53, 148-158.	2.7	9
48	Cumulative Dopamine Genetic Score predicts behavioral and electrophysiological correlates of response inhibition via interactions with task demand. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 59-75.	2.0	9
49	Reduced self-regulation mirrors the distorting effects of burnout symptomatology on task difficulty perception during an inhibition task. Stress, 2018, 21, 511-519.	1.8	8
50	Cortisol secretion predicts functional macro-scale connectivity of the visual cortex: A data-driven Multivoxel Pattern Analysis (MVPA). Psychoneuroendocrinology, 2020, 117, 104695.	2.7	7
51	Never Use One When Two Will Do *The first two authors contributed equally to this paper.. Journal of Personnel Psychology, 2012, 11, 95-102.	1.4	7
52	Reconsidering the construct validity of self-reported chronic stress: A multidimensional item response theory approach.. Psychological Assessment, 2020, 32, 997-1014.	1.5	7
53	Thinking Against Burnout? An Individualâ€™s Tendency to Engage in and Enjoy Thinking as a Potential Resilience Factor of Burnout Symptoms and Burnout-Related Impairment in Executive Functioning. Frontiers in Psychology, 2019, 10, 420.	2.1	6
54	Prospective memory under acute stress: The role of (output) monitoring and ongoing-task demands. Neurobiology of Learning and Memory, 2019, 164, 107046.	1.9	5

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55	On the Relation Between the (Censored) Shifted Wald and the Wiener Distribution as Measurement Models for Choice Response Times. Applied Psychological Measurement, 2018, 42, 116-135.	1.0	4
56	FKBP5 methylation predicts functional network architecture of the rostral anterior cingulate cortex. Brain Structure and Function, 2020, 225, 33-43.	2.3	4
57	Automating LCâ€“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.. Biomedical Signal Processing and Control, 2022, 71, 103211.	5.7	4
58	Corrigendum to â€œThe CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studiesâ€•[PNEC 73C (2016) 16â€“23]. Psychoneuroendocrinology, 2017, 76, 226-227.	2.7	3
59	NMDA receptor modulation by dextromethorphan and acute stress selectively alters electroencephalographic indicators of partial report processing. European Neuropsychopharmacology, 2017, 27, 1042-1053.	0.7	2
60	Chronic stress and executive functioning: A specification-curve analysis. Physiology and Behavior, 2022, 243, 113639.	2.1	2
61	Reply to the commentary by Parrot and Downey (2017). Psychoneuroendocrinology, 2017, 81, 160.	2.7	0
62	Trier Social Stress Test. , 2020, , 1-5.		0
63	Trier Social Stress Test. , 2020, , 2275-2279.		0