

# Clemens Kirschbaum

## List of Publications by Year in descending order

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359  
papers

48,706  
citations

1893

102  
h-index

1755

212  
g-index

368  
all docs

368  
docs citations

368  
times ranked

29245  
citing authors

#	ARTICLE	IF	CITATIONS
1	The "Trier Social Stress Test"™ – A Tool for Investigating Psychobiological Stress Responses in a Laboratory Setting. <i>Neuropsychobiology</i> , 1993, 28, 76-81.	1.9	4,628
2	Two formulas for computation of the area under the curve represent measures of total hormone concentration versus time-dependent change. <i>Psychoneuroendocrinology</i> , 2003, 28, 916-931.	2.7	2,979
3	Salivary cortisol in psychoneuroendocrine research: Recent developments and applications. <i>Psychoneuroendocrinology</i> , 1994, 19, 313-333.	2.7	1,757
4	Social support and oxytocin interact to suppress cortisol and subjective responses to psychosocial stress. <i>Biological Psychiatry</i> , 2003, 54, 1389-1398.	1.3	1,687
5	Impact of Gender, Menstrual Cycle Phase, and Oral Contraceptives on the Activity of the Hypothalamus-Pituitary-Adrenal Axis. <i>Psychosomatic Medicine</i> , 1999, 61, 154-162.	2.0	1,577
6	Sex differences in HPA axis responses to stress: a review. <i>Biological Psychology</i> , 2005, 69, 113-132.	2.2	1,264
7	Salivary Cortisol in Psychobiological Research: An Overview. <i>Neuropsychobiology</i> , 1989, 22, 150-169.	1.9	1,235
8	The cortisol awakening response (CAR): Facts and future directions. <i>International Journal of Psychophysiology</i> , 2009, 72, 67-73.	1.0	986
9	A mechanism converting psychosocial stress into mononuclear cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1920-1925.	7.1	786
10	Assessment of the cortisol awakening response: Expert consensus guidelines. <i>Psychoneuroendocrinology</i> , 2016, 63, 414-432.	2.7	727
11	Burnout, Perceived Stress, and Cortisol Responses to Awakening. <i>Psychosomatic Medicine</i> , 1999, 61, 197-204.	2.0	641
12	Analysis of cortisol in hair – State of the art and future directions. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1019-1029.	4.1	632
13	Attenuated Free Cortisol Response to Psychosocial Stress in Children with Atopic Dermatitis. <i>Psychosomatic Medicine</i> , 1997, 59, 419-426.	2.0	584
14	Stress-related and basic determinants of hair cortisol in humans: A meta-analysis. <i>Psychoneuroendocrinology</i> , 2017, 77, 261-274.	2.7	556
15	Persistent High Cortisol Responses to Repeated Psychological Stress in a Subpopulation of Healthy Men. <i>Psychosomatic Medicine</i> , 1995, 57, 468-474.	2.0	526
16	Hair as a retrospective calendar of cortisol production – Increased cortisol incorporation into hair in the third trimester of pregnancy. <i>Psychoneuroendocrinology</i> , 2009, 34, 32-37.	2.7	493
17	Human salivary alpha-amylase reactivity in a psychosocial stress paradigm. <i>International Journal of Psychophysiology</i> , 2005, 55, 333-342.	1.0	483
18	Determinants of the diurnal course of salivary alpha-amylase. <i>Psychoneuroendocrinology</i> , 2007, 32, 392-401.	2.7	481

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19	Sex-Specific Effects of Social Support on Cortisol and Subjective Responses to Acute Psychological Stress. <i>Psychosomatic Medicine</i> , 1995, 57, 23-31.	2.0	467
20	Dissociation Between Reactivity of the Hypothalamus-Pituitary-Adrenal Axis and the Sympathetic-Adrenal-Medullary System to Repeated Psychosocial Stress. <i>Psychosomatic Medicine</i> , 2003, 65, 450-460.	2.0	458
21	Acute HPA axis responses, heart rate, and mood changes to psychosocial stress (TSST) in humans at different times of day. <i>Psychoneuroendocrinology</i> , 2004, 29, 983-992.	2.7	454
22	Compliance With Saliva Sampling Protocols: Electronic Monitoring Reveals Invalid Cortisol Daytime Profiles in Noncompliant Subjects. <i>Psychosomatic Medicine</i> , 2003, 65, 313-319.	2.0	418
23	Psychosocial Stress-Induced Activation of Salivary Alpha-Amylase: An Indicator of Sympathetic Activity?. <i>Annals of the New York Academy of Sciences</i> , 2004, 1032, 258-263.	3.8	416
24	Prenatal stress diminishes neurogenesis in the dentate gyrus of juvenile Rhesus monkeys. <i>Biological Psychiatry</i> , 2003, 54, 1025-1034.	1.3	408
25	The cortisol awakening response - normal values and confounds. <i>Noise and Health</i> , 2000, 2, 79-88.	0.5	402
26	STRESSORS AND MOOD MEASURED ON A MOMENTARY BASIS ARE ASSOCIATED WITH SALIVARY CORTISOL SECRETION. <i>Psychoneuroendocrinology</i> , 1998, 23, 353-370.	2.7	397
27	Differences in cortisol awakening response on work days and weekends in women and men from the Whitehall II cohort. <i>Psychoneuroendocrinology</i> , 2004, 29, 516-528.	2.7	392
28	Human hypothalamus-pituitary-adrenal axis responses to acute psychosocial stress in laboratory settings. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 91-96.	6.1	387
29	The Social Dimension of Stress Reactivity. <i>Psychological Science</i> , 2012, 23, 651-660.	3.3	353
30	Hypocortisolism and increased glucocorticoid sensitivity of pro-inflammatory cytokine production in Bosnian war refugees with posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2004, 55, 745-751.	1.3	337
31	Socioeconomic Status, Race, and Diurnal Cortisol Decline in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>Psychosomatic Medicine</i> , 2006, 68, 41-50.	2.0	336
32	Quantitative analysis of steroid hormones in human hair using a column-switching LC-APCI-MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 1-8.	2.3	322
33	Effects of Suckling on Hypothalamic-Pituitary-Adrenal Axis Responses to Psychosocial Stress in Postpartum Lactating Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4798-4804.	3.6	314
34	The Trier Social Stress Test for Groups (TSST-G): A new research tool for controlled simultaneous social stress exposure in a group format. <i>Psychoneuroendocrinology</i> , 2011, 36, 514-522.	2.7	298
35	Individual differences in the diurnal cycle of salivary free cortisol: a replication of flattened cycles for some individuals. <i>Psychoneuroendocrinology</i> , 2001, 26, 295-306.	2.7	291
36	Job Strain and Anger Expression Predict Early Morning Elevations in Salivary Cortisol. <i>Psychosomatic Medicine</i> , 2000, 62, 286-292.	2.0	290

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37	Increased free cortisol secretion after awakening in chronically stressed individuals due to work overload. <i>Stress and Health</i> , 1998, 14, 91-97.	0.5	281
38	Classification Criteria for Distinguishing Cortisol Responders From Nonresponders to Psychosocial Stress. <i>Psychosomatic Medicine</i> , 2013, 75, 832-840.	2.0	279
39	Actions of dehydroepiandrosterone and its sulfate in the central nervous system: effects on cognition and emotion in animals and humans. <i>Brain Research Reviews</i> , 1999, 30, 264-288.	9.0	270
40	Effect of Chronic Stress Associated With Unemployment on Salivary Cortisol. <i>Psychosomatic Medicine</i> , 1995, 57, 460-467.	2.0	261
41	Cortisol responses to mild psychological stress are inversely associated with proinflammatory cytokines. <i>Brain, Behavior, and Immunity</i> , 2003, 17, 373-383.	4.1	255
42	State and trait affect as predictors of salivary cortisol in healthy adults. <i>Psychoneuroendocrinology</i> , 2005, 30, 261-272.	2.7	254
43	The psychosocial stress-induced increase in salivary alpha-amylase is independent of saliva flow rate. <i>Psychophysiology</i> , 2006, 43, 645-652.	2.4	254
44	Sex Differences in Glucocorticoid Sensitivity of Proinflammatory Cytokine Production After Psychosocial Stress. <i>Psychosomatic Medicine</i> , 2001, 63, 966-972.	2.0	237
45	Altered cortisol awakening response in posttraumatic stress disorder. <i>Psychoneuroendocrinology</i> , 2006, 31, 209-215.	2.7	237
46	The Relationship between Smoking Status and Cortisol Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 819-824.	3.6	234
47	The hypothalamicâ€“pituitaryâ€“adrenal (HPA) axis in habitual smokers. <i>International Journal of Psychophysiology</i> , 2006, 59, 236-243.	1.0	229
48	Endogenous Estradiol and Testosterone Levels Are Associated with Cognitive Performance in Older Women and Men. <i>Hormones and Behavior</i> , 2002, 41, 259-266.	2.1	220
49	Effects of oral cortisol treatment in healthy young women on memory retrieval of negative and neutral words. <i>Neurobiology of Learning and Memory</i> , 2005, 83, 158-162.	1.9	220
50	Clinical Depression and Regulation of the Inflammatory Response During Acute Stress. <i>Psychosomatic Medicine</i> , 2005, 67, 679-687.	2.0	218
51	Intraindividual stability of hair cortisol concentrations. <i>Psychoneuroendocrinology</i> , 2012, 37, 602-610.	2.7	217
52	Salivary cortisol sampling compliance: comparison of patients and healthy volunteers. <i>Psychoneuroendocrinology</i> , 2004, 29, 636-650.	2.7	214
53	Differential heart rate reactivity and recovery after psychosocial stress (TSST) in healthy children, younger adults, and elderly adults: The impact of age and gender. <i>International Journal of Behavioral Medicine</i> , 2004, 11, 116-121.	1.7	214
54	Socioeconomic Status and Stress-Related Biological Responses Over the Working Day. <i>Psychosomatic Medicine</i> , 2003, 65, 461-470.	2.0	209

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55	Work stress, socioeconomic status and neuroendocrine activation over the working day. <i>Social Science and Medicine</i> , 2004, 58, 1523-1530.	3.8	201
56	Increasing correlations between personality traits and cortisol stress responses obtained by data aggregation. <i>Psychoneuroendocrinology</i> , 1997, 22, 615-625.	2.7	199
57	Glucose metabolic changes in the prefrontal cortex are associated with HPA axis response to a psychosocial stressor. <i>Psychoneuroendocrinology</i> , 2008, 33, 517-529.	2.7	199
58	Stress on the Dance Floor: The Cortisol Stress Response to Social-Evaluative Threat in Competitive Ballroom Dancers. <i>Personality and Social Psychology Bulletin</i> , 2007, 33, 69-84.	3.0	194
59	Socioeconomic and race/ethnic differences in daily salivary cortisol profiles: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2010, 35, 932-943.	2.7	194
60	Impact of Antenatal Synthetic Glucocorticoid Exposure on Endocrine Stress Reactivity in Term-Born Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3538-3544.	3.6	189
61	Inflexibly Focused under Stress: Acute Psychosocial Stress Increases Shielding of Action Goals at the Expense of Reduced Cognitive Flexibility with Increasing Time Lag to the Stressor. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3218-3227.	2.3	187
62	Cortisol in Hair and the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2573-2580.	3.6	183
63	Preliminary evidence for reduced cortisol responsivity to psychological stress in women using oral contraceptive medication. <i>Psychoneuroendocrinology</i> , 1995, 20, 509-514.	2.7	181
64	Does cellular aging relate to patterns of allostasis?. <i>Physiology and Behavior</i> , 2012, 106, 40-45.	2.1	181
65	Circadian regulation of cortisol after hippocampal damage in humans. <i>Biological Psychiatry</i> , 2004, 56, 651-656.	1.3	179
66	Decreased hair cortisol concentrations in generalised anxiety disorder. <i>Psychiatry Research</i> , 2011, 186, 310-314.	3.3	171
67	Acute stress responses in salivary alpha-amylase predict increases of plasma norepinephrine. <i>Biological Psychology</i> , 2012, 91, 342-348.	2.2	168
68	Hair Cortisol as a Biomarker of Traumatization in Healthy Individuals and Posttraumatic Stress Disorder Patients. <i>Biological Psychiatry</i> , 2013, 74, 639-646.	1.3	168
69	Sex Differences in Endocrine and Psychological Responses to Psychosocial Stress in Healthy Elderly Subjects and the Impact of a 2-Week Dehydroepiandrosterone Treatment <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1756-1761.	3.6	165
70	Heritability of daytime cortisol levels in children. <i>Behavior Genetics</i> , 2003, 33, 421-433.	2.1	165
71	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
72	Low self-esteem, induced failure and the adrenocortical stress response. <i>Personality and Individual Differences</i> , 1999, 27, 477-489.	2.9	159

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73	Oxytocin Receptor Gene Methylation: Converging Multilevel Evidence for a Role in Social Anxiety. <i>Neuropsychopharmacology</i> , 2015, 40, 1528-1538.	5.4	155
74	Is salivary alpha-amylase an indicator of autonomic nervous system dysregulations in mental disorders?â€”A review of preliminary findings and the interactions with cortisol. <i>Psychoneuroendocrinology</i> , 2013, 38, 729-743.	2.7	153
75	Free cortisol awakening responses are influenced by awakening time. <i>Psychoneuroendocrinology</i> , 2004, 29, 174-184.	2.7	152
76	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.7	152
77	Salivary $\alpha$ -amylase stress reactivity across different age groups. <i>Psychophysiology</i> , 2010, 47, 587-595.	2.4	148
78	Cortisol in hair, body mass index and stress-related measures. <i>Biological Psychology</i> , 2012, 90, 218-223.	2.2	147
79	Increased cortisol concentrations in hair of severely traumatized Ugandan individuals with PTSD. <i>Psychoneuroendocrinology</i> , 2011, 36, 1193-1200.	2.7	145
80	Comparison of salivary cortisol as measured by different immunoassays and tandem mass spectrometry. <i>Psychoneuroendocrinology</i> , 2013, 38, 50-57.	2.7	145
81	Introducing a novel method to assess cumulative steroid concentrations: Increased hair cortisol concentrations over 6 months in medicated patients with depression. <i>Stress</i> , 2012, 15, 348-353.	1.8	142
82	Persistent depressive symptoms, HPA-axis hyperactivity, and inflammation: the role of cognitive-affective and somatic symptoms. <i>Molecular Psychiatry</i> , 2020, 25, 1130-1140.	7.9	138
83	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)â€”From trajectories to mechanisms and interventions. <i>Addiction Biology</i> , 2020, 25, e12866.	2.6	135
84	Effort-Reward Imbalance, Overcommitment, and Measures of Cortisol and Blood Pressure Over the Working Day. <i>Psychosomatic Medicine</i> , 2004, 66, 323-329.	2.0	134
85	Familial influences on basal salivary cortisol in an adult population. <i>Psychoneuroendocrinology</i> , 2005, 30, 857-868.	2.7	132
86	Two weeks of transdermal estradiol treatment in postmenopausal elderly women and its effect on memory and mood: verbal memory changes are associated with the treatment induced estradiol levels. <i>Psychoneuroendocrinology</i> , 1999, 24, 727-741.	2.7	131
87	Early neglect and abuse predict diurnal cortisol patterns in adults. <i>Psychoneuroendocrinology</i> , 2009, 34, 660-669.	2.7	128
88	Psychological and Endocrine Responses to Psychosocial Stress and Dexamethasone/ Corticotropin-Releasing Hormone in Healthy Postmenopausal Women and Young Controls: The Impact of Age and a Two-Week Estradiol Treatment. <i>Neuroendocrinology</i> , 1999, 70, 422-430.	2.5	127
89	An integrative model linking traumatization, cortisol dysregulation and posttraumatic stress disorder: Insight from recent hair cortisol findings. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 124-135.	6.1	127
90	Toward Standardization of Hair Cortisol Measurement. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 71-75.	2.0	126

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91	Developmental and personality correlates of adrenocortical activity as indexed by salivary cortisol: Observations in the age range of 35 to 65 years. <i>Journal of Psychosomatic Research</i> , 1991, 35, 173-185.	2.6	124
92	Qigong improves quality of life in women undergoing radiotherapy for breast cancer. <i>Cancer</i> , 2013, 119, 1690-1698.	4.1	123
93	Elevated hair cortisol concentrations in endurance athletes. <i>Psychoneuroendocrinology</i> , 2012, 37, 611-617.	2.7	121
94	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
95	The stressed prefrontal cortex and goal-directed behaviour: acute psychosocial stress impairs the flexible implementation of task goals. <i>Experimental Brain Research</i> , 2012, 216, 397-408.	1.5	116
96	A striking pattern of cortisol non-responsiveness to psychosocial stress in patients with panic disorder with concurrent normal cortisol awakening responses. <i>Psychoneuroendocrinology</i> , 2010, 35, 414-421.	2.7	115
97	Assessing cortisol from hair samples in a large observational cohort: The Whitehall II study. <i>Psychoneuroendocrinology</i> , 2016, 73, 148-156.	2.7	114
98	Acceptance and Commitment Therapy Reduces Psychological Stress in Patients With Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2019, 156, 935-945.e1.	1.3	114
99	A longitudinal study of work load and variations in psychological well-being, cortisol, smoking, and alcohol consumption. <i>Annals of Behavioral Medicine</i> , 1998, 20, 84-91.	2.9	109
100	Cortisol secretion and fatigue: Associations in a community based cohort. <i>Psychoneuroendocrinology</i> , 2009, 34, 1476-1485.	2.7	109
101	Effects of intraoperative breaks on mental and somatic operator fatigue: a randomized clinical trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 1245-1250.	2.4	108
102	LC-MS based analysis of endogenous steroid hormones in human hair. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 162, 92-99.	2.5	108
103	OPPOSING EFFECTS OF DHEA REPLACEMENT IN ELDERLY SUBJECTS ON DECLARATIVE MEMORY AND ATTENTION AFTER EXPOSURE TO A LABORATORY STRESSOR. <i>Psychoneuroendocrinology</i> , 1998, 23, 617-629.	2.7	107
104	Life-time socio-economic position and cortisol patterns in mid-life. <i>Psychoneuroendocrinology</i> , 2007, 32, 824-833.	2.7	106
105	Excellence in performance and stress reduction during two different full scale simulator training courses: A pilot study. <i>Resuscitation</i> , 2009, 80, 919-924.	3.0	106
106	Use of hair cortisol analysis to detect hypercortisolism during active drinking phases in alcohol-dependent individuals†. <i>Biological Psychology</i> , 2010, 85, 357-360.	2.2	104
107	Multimodal MRI and cognitive function in patients with breast cancer prior to adjuvant treatment – The role of fatigue. <i>NeuroImage: Clinical</i> , 2015, 7, 547-554.	2.7	104
108	The scanner as a stressor: Evidence from subjective and neuroendocrine stress parameters in the time course of a functional magnetic resonance imaging session. <i>International Journal of Psychophysiology</i> , 2011, 79, 118-126.	1.0	103

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109	Diurnal cortisol dysregulation, functional disability, and depression in women with ovarian cancer. <i>Cancer</i> , 2010, 116, 4410-4419.	4.1	102
110	Predictors of hair cortisol concentrations in older adults. <i>Psychoneuroendocrinology</i> , 2014, 39, 132-140.	2.7	102
111	No morning cortisol response in patients with severe global amnesia. <i>Psychoneuroendocrinology</i> , 2005, 30, 101-105.	2.7	101
112	The Relationship between Alcohol Consumption and Cortisol Secretion in an Aging Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 750-757.	3.6	101
113	Effects of Fasting and Glucose Load on Free Cortisol Responses to Stress and Nicotine <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 1101-1105.	3.6	100
114	Glucocorticoid Sensitivity in Humans-Interindividual Differences and Acute Stress Effects. <i>Stress</i> , 2003, 6, 207-222.	1.8	100
115	Testosterone and cognition in elderly men: a single testosterone injection blocks the practice effect in verbal fluency, but has no effect on spatial or verbal memory. <i>Biological Psychiatry</i> , 2000, 47, 650-654.	1.3	97
116	Hair cortisol and adiposity in a population-based sample of 2,527 men and women aged 54 to 87 years. <i>Obesity</i> , 2017, 25, 539-544.	3.0	97
117	Cortisol increase in empathic stress is modulated by emotional closeness and observation modality. <i>Psychoneuroendocrinology</i> , 2014, 45, 192-201.	2.7	96
118	Glucose but Not Protein or Fat Load Amplifies the Cortisol Response to Psychosocial Stress. <i>Hormones and Behavior</i> , 2002, 41, 328-333.	2.1	95
119	Age and sex steroid-related changes in glucocorticoid sensitivity of pro-inflammatory cytokine production after psychosocial stress. <i>Journal of Neuroimmunology</i> , 2002, 126, 69-77.	2.3	95
120	Cortisol stress response in post-traumatic stress disorder, panic disorder, and major depressive disorder patients. <i>Psychoneuroendocrinology</i> , 2017, 83, 135-141.	2.7	94
121	Cortisol and behavior: 1. Adaptation of a radioimmunoassay kit for reliable and inexpensive salivary cortisol determination. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 34, 747-751.	2.9	93
122	Medial prefrontal cortex damage affects physiological and psychological stress responses differently in men and women. <i>Psychoneuroendocrinology</i> , 2010, 35, 56-66.	2.7	93
123	Do social disadvantage and early family adversity affect the diurnal cortisol rhythm in infants? The Generation R Study. <i>Hormones and Behavior</i> , 2010, 57, 247-254.	2.1	93
124	Elevated hair cortisol levels in chronically stressed dementia caregivers. <i>Psychoneuroendocrinology</i> , 2014, 47, 26-30.	2.7	92
125	Prenatal Stress Diminishes the Cytokine Response of Leukocytes to Endotoxin Stimulation in Juvenile Rhesus Monkeys. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 675-681.	3.6	90
126	Quantitative analysis of estradiol and six other steroid hormones in human saliva using a high throughput liquid chromatography-tandem mass spectrometry assay. <i>Talanta</i> , 2015, 143, 353-358.	5.5	90



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127	A naturalistic evaluation of cortisol secretion in persons with fibromyalgia and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2000, 13, 51-61.	6.7	89
128	Social hierarchy and adrenocortical stress reactivity in men. <i>Psychoneuroendocrinology</i> , 1997, 22, 643-650.	2.7	87
129	Genetics of cortisol secretion and depressive symptoms: A candidate gene and genome wide association approach. <i>Psychoneuroendocrinology</i> , 2011, 36, 1053-1061.	2.7	85
130	Association Between Childhood Trauma and Low Hair Cortisol in Depressed Patients and Healthy Control Subjects. <i>Biological Psychiatry</i> , 2013, 74, e15-e17.	1.3	83
131	Determinants of maternal hair cortisol concentrations at delivery reflecting the last trimester of pregnancy. <i>Psychoneuroendocrinology</i> , 2015, 52, 289-296.	2.7	82
132	Better not to deal with two tasks at the same time when stressed? Acute psychosocial stress reduces task shielding in dual-task performance. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 557-570.	2.0	80
133	Reduced hair cortisol after maltreatment mediates externalizing symptoms in middle childhood and adolescence. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 998-1007.	5.2	80
134	Sex Differences in Pain and Hypothalamic-Pituitary-Adrenocortical Responses to Opioid Blockade. <i>Psychosomatic Medicine</i> , 2004, 66, 198-206.	2.0	79
135	Determinants of the NF- $\kappa$ B response to acute psychosocial stress in humans. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 742-749.	4.1	79
136	Identifying patterns in cortisol secretion in an older population. Findings from the Whitehall II study. <i>Psychoneuroendocrinology</i> , 2010, 35, 1091-1099.	2.7	79
137	Effects of Suckling on Hypothalamic-Pituitary-Adrenal Axis Responses to Psychosocial Stress in Postpartum Lactating Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4798-4804.	3.6	79
138	Aging diurnal rhythms and chronic stress: Distinct alteration of diurnal rhythmicity of salivary $\alpha$ -amylase and cortisol. <i>Biological Psychology</i> , 2010, 84, 248-256.	2.2	78
139	Traumatic Experiences and Posttraumatic Stress Disorder in Soldiers Following Deployment Abroad. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2012, 109, 559-68.	0.9	77
140	The role of the serotonin transporter polymorphism for the endocrine stress response in newborns. <i>Psychoneuroendocrinology</i> , 2010, 35, 289-296.	2.7	76
141	Interaction of Serotonin Transporter Gene-Linked Polymorphic Region and Stressful Life Events Predicts Cortisol Stress Response. <i>Neuropsychopharmacology</i> , 2011, 36, 1332-1339.	5.4	76
142	The Cortisol Paradox of Trauma-Related Disorders: Lower Phasic Responses but Higher Tonic Levels of Cortisol Are Associated with Sexual Abuse in Childhood. <i>PLoS ONE</i> , 2015, 10, e0136921.	2.5	74
143	Hair as a long-term retrospective cortisol calendar in orang-utans ( <i>Pongo spp.</i> ): New perspectives for stress monitoring in captive management and conservation. <i>General and Comparative Endocrinology</i> , 2014, 195, 151-156.	1.8	73
144	Hair cortisol and cortisol awakening response are associated with criteria of the metabolic syndrome in opposite directions. <i>Psychoneuroendocrinology</i> , 2015, 51, 365-370.	2.7	71

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145	Psychosocial Stress and HPA Functioning: No Evidence for a Reduced Resilience in Healthy Elderly Men. <i>Stress</i> , 2000, 3, 229-240.	1.8	69
146	Children under stress – COMT genotype and stressful life events predict cortisol increase in an acute social stress paradigm. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1229-1239.	2.1	66
147	Glucocorticoid receptor gene methylation moderates the association of childhood trauma and cortisol stress reactivity. <i>Psychoneuroendocrinology</i> , 2018, 90, 68-75.	2.7	66
148	Blunted salivary and plasma cortisol response in patients with panic disorder under psychosocial stress. <i>International Journal of Psychophysiology</i> , 2013, 88, 35-39.	1.0	65
149	A Single Administration of Dehydroepiandrosterone Does Not Enhance Memory Performance in Young Healthy Adults, but Immediately Reduces Cortisol Levels. <i>Biological Psychiatry</i> , 1997, 42, 845-848.	1.3	64
150	Association between smoking status and cardiovascular and cortisol stress responsivity in healthy young men. <i>International Journal of Behavioral Medicine</i> , 1994, 1, 264-283.	1.7	63
151	Measures of Social Position and Cortisol Secretion in an Aging Population: Findings From the Whitehall II Study. <i>Psychosomatic Medicine</i> , 2010, 72, 27-34.	2.0	62
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309	Why we need an online version of the Trier Social Stress Test. <i>Psychoneuroendocrinology</i> , 2021, 125, 105129.	2.7	8
310	Analysis of hair steroid hormones in polar bears ( <i>Ursus maritimus</i> ) via liquid chromatography-tandem mass spectrometry: comparison with two immunoassays and application for longitudinal monitoring in zoos. <i>General and Comparative Endocrinology</i> , 2021, 310, 113837.	1.8	8
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326	Lifetime exposure to violence and other life stressors and hair cortisol concentration in women. <i>Stress</i> , 2021, , 1-9.	1.8	4
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328	Reply to: Linking Hair Cortisol Levels to Phenotypic Heterogeneity of Posttraumatic Stress Symptoms in Highly Traumatized Chinese Women. <i>Biological Psychiatry</i> , 2015, 77, e23-e24.	1.3	3
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339	Neurocognitive development of novelty and error monitoring in children and adolescents. <i>Scientific Reports</i> , 2021, 11, 19844.	3.3	2
340	Steroid hormones in hair and fresh wounds reveal sex specific costs of reproductive engagement and reproductive success in wild house mice ( <i>Mus musculus domesticus</i> ). <i>Hormones and Behavior</i> , 2022, 138, 105102.	2.1	2
341	Influence of a Suggestive Placebo Intervention on Psychobiological Responses to Social Stress. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , 2016, 21, 3-9.	1.5	1
342	Is hypercortisolism in anorexia nervosa detectable using hair samples?. <i>Journal of Psychiatric Research</i> , 2018, 98, 87-94.	3.1	1

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344	The predictive role of hair cortisol concentrations for treatment outcome in PTSD inpatients. <i>Psychoneuroendocrinology</i> , 2021, 131, 105326.	2.7	1
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