Tobias Stalder

List of Publications by Year in descending order

94 papers	7,506 citations	76196 40 h-index	54797 84 g-index
102 all docs	102 docs citations	102 times ranked	6980 citing authors

#	Article	IF	Citations
1	Crossâ€sectional relation of longâ€term glucocorticoids in hair with anthropometric measurements and their possible determinants: A systematic review and metaâ€analysis. Obesity Reviews, 2022, 23, e13376.	3.1	12
2	The association between hair cortisol levels, inflammation and cognitive functioning in females. Psychoneuroendocrinology, 2022, 136, 105619.	1.3	9
3	Hair cortisol levels in schizophrenia and metabolic syndrome. Microbial Biotechnology, 2022, 16, 902-911.	0.9	7
4	Facilitating relaxation and stress reduction in healthy participants through a virtual reality intervention: study protocol for a non-inferiority randomized controlled trial. Trials, 2022, 23, 380.	0.7	3
5	Open and reproducible science practices in psychoneuroendocrinology: Opportunities to foster scientific progress. Comprehensive Psychoneuroendocrinology, 2022, 11, 100144.	0.7	3
6	Contemplative Mental Training Reduces Hair Glucocorticoid Levels in a Randomized Clinical Trial. Psychosomatic Medicine, 2021, 83, 894-905.	1.3	12
7	Lifetime trauma history and cognitive functioning in major depression and their role for cognitive-behavioral therapy outcome. Clinical Psychology in Europe, 2021, 3, .	0.5	1
8	Pupil dilation as an index of Pavlovian conditioning. A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 130, 351-368.	2.9	19
9	Morning and evening type: The cortisol awakening response in a sleep laboratory. Psychoneuroendocrinology, 2020, 112, 104519.	1.3	16
10	Hair cortisol as a biomarker of stress and resilience in South African mixed ancestry females. Psychoneuroendocrinology, 2020, 113, 104543.	1.3	18
11	Cognitive functioning in posttraumatic stress disorder before and after cognitive-behavioral therapy. Journal of Anxiety Disorders, 2020, 74, 102265.	1.5	3
12	No association between FKBP5 gene methylation and acute and long-term cortisol output. Translational Psychiatry, 2020, 10, 175.	2.4	13
13	A scar that persists: Evidence linking self-reported childhood adversity to increased inflammation in older adults. Brain, Behavior, and Immunity, 2020, 87, 195-196.	2.0	1
14	Hair cortisol levels in posttraumatic stress disorder and metabolic syndrome. Stress, 2020, 23, 577-589.	0.8	25
15	Endocannabinoid concentrations in hair and mental health of unaccompanied refugee minors. Psychoneuroendocrinology, 2020, 116, 104683.	1.3	19
16	Hair glucocorticoid levels in Parkinsonâ€™s disease. Psychoneuroendocrinology, 2020, 117, 104704.	1.3	16
17	Cortisol. , 2020, , 561-567.		0
18	Increased neural reactivity to emotional pictures in men with high hair testosterone concentrations. Social Cognitive and Affective Neuroscience, 2019, 14, 1009-1016.	1.5	6

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19	The effects of post-awakening light exposure on the cortisol awakening response in healthy male individuals. Psychoneuroendocrinology, 2019, 108, 28-34.	1.3	25
20	Serotonin transporter gene methylation predicts long-term cortisol concentrations in hair. Psychoneuroendocrinology, 2019, 106, 179-182.	1.3	11
21	Hair cortisol, lifetime traumatic experiences and psychopathology in unaccompanied refugee minors. Psychoneuroendocrinology, 2019, 104, 191-194.	1.3	15
22	Cortisol levels in different tissue samples in posttraumatic stress disorder patients versus controls: a systematic review and meta-analysis protocol. Systematic Reviews, 2019, 8, 7.	2.5	11
23	Childhood Trauma, Perceived Stress, and Hair Cortisol in Adults With and Without Cardiovascular Disease. Psychosomatic Medicine, 2018, 80, 393-402.	1.3	23
24	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.	1.1	24
25	Glucocorticoid receptor gene methylation moderates the association of childhood trauma and cortisol stress reactivity. Psychoneuroendocrinology, 2018, 90, 68-75.	1.3	66
26	Altered reward learning and hippocampal connectivity following psychosocial stress. NeuroImage, 2018, 171, 15-25.	2.1	32
27	Neural correlates of subjective <scp>CS/UCS</scp> association in appetitive conditioning. Human Brain Mapping, 2018, 39, 1637-1646.	1.9	15
28	Biological stress indicators as risk markers for increased alcohol use following traumatic experiences. Addiction Biology, 2018, 23, 281-290.	1.4	12
29	Hair cortisol as a biological marker for burnout symptomatology. Psychoneuroendocrinology, 2018, 87, 218-221.	1.3	57
30	Heart rate variability and salivary cortisol in very preterm children during school age. Psychoneuroendocrinology, 2018, 87, 27-34.	1.3	11
31	The Price of Stress: High Bedtime Salivary Cortisol Levels Are Associated with Brain Atrophy and Cognitive Decline in Stroke Survivors. Results from the TABASCO Prospective Cohort Study. Journal of Alzheimer's Disease, 2018, 65, 1365-1375.	1.2	17
32	Failure to Replicate the Association Between Fractional Anisotropy and the Serotonin Transporter Gene (5-HTTLPR, rs25531). Frontiers in Behavioral Neuroscience, 2018, 12, 80.	1.0	2
33	Exploring the multidimensional complex systems structure of the stress response and its relation to health and sleep outcomes. Brain, Behavior, and Immunity, 2018, 73, 390-402.	2.0	27
34	Reduced self-regulation mirrors the distorting effects of burnout symptomatology on task difficulty perception during an inhibition task. Stress, 2018, 21, 511-519.	0.8	8
35	Cortisol. , 2018, , 1-7.		0
36	Stress-related and basic determinants of hair cortisol in humans: A meta-analysis. Psychoneuroendocrinology, 2017, 77, 261-274.	1.3	556

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37	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.	1.3	3
38	Maternal prenatal stress and child atopic dermatitis up to age 2 years: The Ulm <scp>SPATZ</scp> health study. Pediatric Allergy and Immunology, 2017, 28, 144-151.	1.1	29
39	Reduced hair cortisol after maltreatment mediates externalizing symptoms in middle childhood and adolescence. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 998-1007.	3.1	80
40	Reply to the commentary by Parrot and Downey (2017). Psychoneuroendocrinology, 2017, 81, 160.	1.3	0
41	Commentary: The importance of exploring doseâ€dependent, subtypeâ€specific, and ageâ€related effects of maltreatment on the <scp>HPA</scp> axis and the mediating link to psychopathology. A response to Fisher (2017). Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 1011-1013.	3.1	2
42	Hair cortisol concentrations and cortisol stress reactivity in generalized anxiety disorder, major depression and their comorbidity. Journal of Psychiatric Research, 2017, 84, 184-190.	1.5	71
43	Autonomic dysregulation in burnout and depression: evidence for the central role of exhaustion. Scandinavian Journal of Work, Environment and Health, 2017, 43, 475-484.	1.7	41
44	Increased Hair Cortisol Concentrations in Patients With Progressive Keratoconus. Journal of Refractive Surgery, 2017, 33, 383-388.	1.1	11
45	Hair cortisol concentrations in relation to ill-being and well-being in healthy young and old females. International Journal of Psychophysiology, 2016, 102, 12-17.	0.5	2
46	In vitro influence of light radiation on hair steroid concentrations. Psychoneuroendocrinology, 2016, 73, 109-116.	1.3	21
47	Assessing cortisol from hair samples in a large observational cohort: The Whitehall II study. Psychoneuroendocrinology, 2016, 73, 148-156.	1.3	114
48	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.	1.3	160
49	Hair Cortisol Concentrations in Adolescent Girls with Anorexia Nervosa are Lower Compared to Healthy and Psychiatric Controls. European Eating Disorders Review, 2016, 24, 531-535.	2.3	18
50	Salivary and hair glucocorticoids and sleep in very preterm children during school age. Psychoneuroendocrinology, 2016, 72, 166-174.	1.3	36
51	An integrative model linking traumatization, cortisol dysregulation and posttraumatic stress disorder: Insight from recent hair cortisol findings. Neuroscience and Biobehavioral Reviews, 2016, 69, 124-135.	2.9	127
52	Correspondence between hair cortisol concentrations and 30-day integrated daily salivary and weekly urinary cortisol measures. Psychoneuroendocrinology, 2016, 71, 12-18.	1.3	174
53	The Association of Hair Cortisol with Selfâ€Reported Chronic Psychosocial Stress and Symptoms of Anxiety and Depression in Women Shortly after Delivery. Paediatric and Perinatal Epidemiology, 2016, 30, 97-104.	0.8	45
54	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.	1.8	33

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55	LCâ€“MS based analysis of endogenous steroid hormones in human hair. Journal of Steroid Biochemistry and Molecular Biology, 2016, 162, 92-99.	1.2	108
56	Assessment of the cortisol awakening response: Expert consensus guidelines. Psychoneuroendocrinology, 2016, 63, 414-432.	1.3	727
57	Toward Standardization of Hair Cortisol Measurement. Therapeutic Drug Monitoring, 2015, 37, 71-75.	1.0	126
58	Analyzing pathways from childhood maltreatment to internalizing symptoms and disorders in children and adolescents (AMIS): a study protocol. BMC Psychiatry, 2015, 15, 126.	1.1	14
59	Hair cortisol in relation to sociodemographic and lifestyle characteristics in a multiethnic US sample. Annals of Epidemiology, 2015, 25, 90-95.e2.	0.9	49
60	Determinants of maternal hair cortisol concentrations at delivery reflecting the last trimester of pregnancy. Psychoneuroendocrinology, 2015, 52, 289-296.	1.3	82
61	Reply to: Linking Hair Cortisol Levels to Phenotypic Heterogeneity of Posttraumatic Stress Symptoms in Highly Traumatized Chinese Women. Biological Psychiatry, 2015, 77, e23-e24.	0.7	3
62	Quantitative analysis of estradiol and six other steroid hormones in human saliva using a high throughput liquid chromatographyâ€“tandem mass spectrometry assay. Talanta, 2015, 143, 353-358.	2.9	90
63	Sweat-inducing physiological challenges do not result in acute changes in hair cortisol concentrations. Psychoneuroendocrinology, 2015, 53, 108-116.	1.3	53
64	Hair cortisol concentrations and cortisol stress reactivity predict PTSD symptom increase after trauma exposure during military deployment. Psychoneuroendocrinology, 2015, 59, 123-133.	1.3	119
65	Reduced memory skills and increased hair cortisol levels in recent Ecstasy/MDMA users: significant but independent neurocognitive and neurohormonal deficits. Human Psychopharmacology, 2015, 30, 199-207.	0.7	17
66	Work stress and hair cortisol levels among workers in a Bangladeshi ready-made garment factory â€“ Results from a cross-sectional study. Psychoneuroendocrinology, 2014, 50, 20-27.	1.3	24
67	Predictors of hair cortisol concentrations in older adults. Psychoneuroendocrinology, 2014, 39, 132-140.	1.3	102
68	Consistent associations between measures of psychological stress and CMV antibody levels in a large occupational sample. Brain, Behavior, and Immunity, 2014, 38, 133-141.	2.0	67
69	The relation of the cortisol awakening response and prospective memory functioning in young children. Biological Psychology, 2014, 99, 41-46.	1.1	22
70	Hair as a long-term retrospective cortisol calendar in orang-utans (Pongo spp.): New perspectives for stress monitoring in captive management and conservation. General and Comparative Endocrinology, 2014, 195, 151-156.	0.8	73
71	Effect of a naturalistic prospective memory-related task on the cortisol awakening response in young children. Biological Psychology, 2014, 103, 24-26.	1.1	11
72	Trauma exposure is associated with increased context-dependent adjustments of cognitive control in patients with posttraumatic stress disorder and healthy controls. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 1310-1319.	1.0	26

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73	Elevated hair cortisol levels in chronically stressed dementia caregivers. Psychoneuroendocrinology, 2014, 47, 26-30.	1.3	92
74	The cortisol awakening response in toddlers and young children. Psychoneuroendocrinology, 2013, 38, 2485-2492.	1.3	33
75	The cortisol awakening response in infants: Ontogeny and associations with development-related variables. Psychoneuroendocrinology, 2013, 38, 552-559.	1.3	41
76	Hair Cortisol as a Biomarker of Traumatization in Healthy Individuals and Posttraumatic Stress Disorder Patients. Biological Psychiatry, 2013, 74, 639-646.	0.7	168
77	Cortisol in Hair and the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2573-2580.	1.8	183
78	Quantitative analysis of steroid hormones in human hair using a column-switching LCâ€“APCIâ€“MS/MS assay. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 928, 1-8.	1.2	322
79	Classification Criteria for Distinguishing Cortisol Responders From Nonresponders to Psychosocial Stress. Psychosomatic Medicine, 2013, 75, 832-840.	1.3	279
80	Cortisol. , 2013, , 507-512.		2
81	Introducing a novel method to assess cumulative steroid concentrations: Increased hair cortisol concentrations over 6 months in medicated patients with depression. Stress, 2012, 15, 348-353.	0.8	142
82	Cortisol in hair, body mass index and stress-related measures. Biological Psychology, 2012, 90, 218-223.	1.1	147
83	Impact of Antenatal Synthetic Glucocorticoid Exposure on Endocrine Stress Reactivity in Term-Born Children. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3538-3544.	1.8	189
84	Analysis of cortisol in hair â€“ State of the art and future directions. Brain, Behavior, and Immunity, 2012, 26, 1019-1029.	2.0	632
85	Intraindividual stability of hair cortisol concentrations. Psychoneuroendocrinology, 2012, 37, 602-610.	1.3	217
86	Elevated hair cortisol concentrations in endurance athletes. Psychoneuroendocrinology, 2012, 37, 611-617.	1.3	121
87	Decreased hair cortisol concentrations in generalised anxiety disorder. Psychiatry Research, 2011, 186, 310-314.	1.7	171
88	Associations between the cortisol awakening response and heart rate variability. Psychoneuroendocrinology, 2011, 36, 454-462.	1.3	56
89	Increased cortisol concentrations in hair of severely traumatized Ugandan individuals with PTSD. Psychoneuroendocrinology, 2011, 36, 1193-1200.	1.3	145
90	Associations between psychosocial state variables and the cortisol awakening response in a single case study. Psychoneuroendocrinology, 2010, 35, 209-214.	1.3	55

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91	State associations with the cortisol awakening response in healthy females. Psychoneuroendocrinology, 2010, 35, 1245-1252.	1.3	43
92	The cortisol awakening response: More than a measure of HPA axis function. Neuroscience and Biobehavioral Reviews, 2010, 35, 97-103.	2.9	493
93	Use of hair cortisol analysis to detect hypercortisolism during active drinking phases in alcohol-dependent individualsâ˜†. Biological Psychology, 2010, 85, 357-360.	1.1	104
94	Use of a single case study design to examine state variation in the cortisol awakening response: Relationship with time of awakening. Psychoneuroendocrinology, 2009, 34, 607-614.	1.3	88