

Bibliometrische Kennzahlen:

Zitate: **12.739**

h-index: **50**

i10-index: **94** i100-index: **35**

(Source: Google Scholar; 24.02.2025)

Link zum Google Scholar Profil:

<https://scholar.google.de/citations?user=ulAIWdcAAAAJ&hl=de>

- (112) **Stalder, T.**, Oster, H., Abelson, J.L., Huthsteiner, K., Klucken, T., Clow, A. (2024). The cortisol awakening response: regulation and functional significance. *Endocrine Reviews*, 46, 43-59.
- (111) Kew, J., **Stalder, T.**, Kirschbaum, C., Seedat, S., van den Heuvel, L.L. (2025). Investigating the association between hair progesterone, anxiety, sleep quality, and other determinants in South African females. *Psychoneuroendocrinology*, 171, 107223.
- (110) Wenuganen, S., Walton, K.G., Travis, F.T., **Stalder, T.**, Wallace, R.K., Srivastava, M., Fagan, J. (in press). Possible Anti-Aging and Anti-Stress Effects of Long-Term Transcendental Meditation Practice: Differences in Gene Expression, EEG Correlates of Cognitive Function, and Hair Steroids. *Biomolecules*, 15, 317.
- (109) Planert, J., Klucken, T., Finke, J., Paulus, P.C., Fischer, J.E., Gao, W., **Stalder, T.** (in press). Associations between hair cortisol and subjective stress measures in a large occupational sample. *Psychoneuroendocrinology*, 106086.
- (108) Finke, J., **Stalder, T.**, Klucken, T. (2023) Pupil dilation tracks divergent learning processes in aware versus unaware Pavlovian conditioning. *Psychophysiology*, e14288.
- (107) Exner, A., Kampa, M., Finke, J.B., **Stalder, T.**, Klapperich, H., Hassenzahl, M., Kleinke, K., Klucken, T. (2023). Repressive and vigilant coping styles in stress and relaxation: evidence for physiological and subjective differences at baseline, but not for differential stress or relaxation responses. *Frontiers in Psychology*, 14, 1196481.
- (106) **Stalder, T.**, Lupien, S.J., Kudielka, B.M., Adam, E.K., Pruessner, J.C., Wüst, S., Dockray, S., Smyth, N., Evans, P., Kirschbaum, C., Miller, R., Wetherell, M., Finke, J.B., Klucken, T., Clow, A. (2022) Evaluation and update of the expert consensus guidelines for the assessment of the cortisol awakening response (CAR). *Psychoneuroendocrinology*, 105946.
- (105) Exner, A., Machulska, A., **Stalder, T.**, Klucken, T. (2022) Biased information processing and anxiety coping: differences in attentional and approach patterns towards positive cues in repressors. *Current Psychology*, 1-10.
- (104) Meier, M., Lonsdorf, T.B., Lupien, S.J., **Stalder, T.**, Laufer, S., Sicorello, M., Linz, R., Puhmann, L.M.C. (2022). Open and reproducible science practices in psychoneuroendocrinology: Opportunities to foster scientific progress. *Comprehensive Psychoneuroendocrinology*, 11, 100144.
- (103) Nordkap, L., Almstrup, K., Priskorn, L., Bang, A.K., **Stalder, T.**, Petersen, J.H., Hansen, A.M., Juul, A., Johannsen, T.H., Jørgensen, N. (2022) Hair cortisol, glucocorticoid gene receptor polymorphisms, stress, and testicular function. *Psychoneuroendocrinology*, 146, 105942.
- (102) Van den Heuvel, L., Suliman, S., Bröcker, E., Kilian, S., **Stalder, T.**, Kirschbaum, C., Seedat, S. (2022). The association between hair cortisol levels, inflammation and cognitive functioning in females. *Psychoneuroendocrinology*, 136, 105619.
- (101) Kampa, M., Finke, J., **Stalder, T.**, Bucher, L., Klapperich, H., Mertl, F., Zimmer, C., Geiger, C., Hassenzahl, M., Klucken, T. (2022) Facilitating relaxation and stress

- reduction in healthy participants through a virtual reality intervention: study protocol for a non-inferiority randomized controlled trial. *Trials*, 23, 1., 1-12.
- (100) Van den Heuvel, L, Smit, A.M., **Stalder, T.**, Kirschbaum, C., Seedat, S., Emsley, R. (2022). Hair cortisol levels in schizophrenia and metabolic syndrome. *Early Intervention in Psychiatry*, doi: 10.1111/eip.13238.. (**IF: 2.26**)
- (99) van der Valk, Abawi, O., Mohseni, M., Abdelmoumen, Wester, V.L., van der Voorn, B., Iyer, A.M., van den Akker, E.L.T., Hoeks, S.E., van den Berg, S.A.A., de Rijke, Y.B., **Stalder, T.**, van Rossum, E.F.C. (2022). Cross-sectional relation of long-term glucocorticoids in hair and the cross-sectional relationships with anthropometric measurements and their possible determinants: a systematic review and meta-analysis. *Obesity Reviews*, 23, 3, e13376. (**IF: 9.21**)
- (98) Finke, J.B., Roesmann, K., **Stalder, T.**, Klucken, T. (2021). Pupil dilation as an index of Pavlovian conditioning. A systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*. 351-368. (**IF: 8.99**)
- (97) Schindler, L., **Stalder, T.**, Kirschbaum, C., Plessow, F., Schönfeld, S., Hoyer, J., Trautmann, S., Weidner, K., Steudte-Schmiedgen, S. (2021) Lifetime Trauma History and Cognitive Functioning in Major Depression and Their Role for Cognitive-Behavioral Therapy Outcome. *Clinical Psychology in Europe*. 3, 3, 1-24.
- (96) Schindler, L, **Stalder, T.**, Kirschbaum, C., Plessow, F., Schönfeld, S., Hoyer, J., Trautmann, S., Steudte-Schmiedgen, S. (2020) Cognitive functioning in posttraumatic stress disorder before and after cognitive-behavioral therapy. *Journal of Anxiety Disorders*, 74, p. 102265. (**IF: 4.30**)
- (95) Alexander, N., Kirschbaum, C., **Stalder, T.**, Muehlhan, M., Vogel, S. (2020) No association between FKBP5 gene methylation and acute and long-term cortisol output. *Translational Psychiatry*, 10, 175 (**IF: 5.90**)
- (94) van den Heuvel, L, du Plessis, S., **Stalder, T.**, Kirschbaum, C., Seedat, S. (2020) Hair glucocorticoid levels in Parkinson's disease. *Psychoneuroendocrinology*, DOI: 10.1016/j.psyneuen.2020.104704 (**IF: 4.94**)
- (93) **Stalder, T.** (2020) A scar that persists: Evidence linking self-reported childhood adversity to increased inflammation in older adults. *Brain Behavior and Immunity*, 87, 195-196; doi: 10.1016/j.bbi.2020.02.011. (invited commentary) (**IF: 6.93**)
- (92) Croissant, M., Glaesmer, H., Klucken, T., Kirschbaum, C., Gao, W., **Stalder, T.**, Sierau, S. (2020). Endocannabinoid concentrations in hair and mental health of unaccompanied refugee minors. *Psychoneuroendocrinology*, 116, doi: 10.1016/j.psyneuen.2020.104683 (**IF: 4.94**)
- (91) van den Heuvel, L, **Stalder, T.**, du Plessis, S., Kirschbaum, C., Seedat, S. (2020). Hair cortisol in posttraumatic stress disorder and metabolic syndrome. *Stress*, <https://doi.org/10.1080/10253890.2020.1724949> (**IF: 3.60**)
- (90) van den Heuvel, L., Acker, D., du Plessis, S., **Stalder, T.**, Suliman, S., Thorne, M.Y., Kirschbaum, C., Seedat, S. (2020). Hair cortisol as a biomarker of stress and resilience in South African mixed ancestry females. *Psychoneuroendocrinology*, 113, <https://doi.org/10.1016/j.psyneuen.2019.104543> (**IF: 4.94**)
- (89) Petrowski, K., Schmalbach, B., **Stalder, T.** (2020). Morning and evening type: The cortisol awakening response in a sleep laboratory. *Psychoneuroendocrinology*, 112, 10.1016/j.psyneuen.2019.104519. (**IF: 4.94**)
- (88) Braig, S., **Stalder, T.**, Kirschbaum, C., Rothenbacher, D., Genuneit, J. (2019) The association of potential stressors with hair steroids in parents with small children: The Ulm SPATZ health study. *Psychoneuroendocrinology*, 102, 37-43 (**IF: 4.94**)
- (87) Petrowski, K., Schmalbach, B., Niedling, M., **Stalder, T.** (2019) The effects of post-awakening light exposure on the cortisol awakening response in healthy male individuals. *Psychoneuroendocrinology*, 108, 28-34 (**IF: 4.94**)

- (86) Klein, S., Kruse, O., Tapia León, I., **Stalder, T.**, Stark, R., Klucken, T. (2019) Increased neural reactivity to emotional pictures in men with high hair testosterone concentrations. *Social Cognitive and Affective Neuroscience*, <https://doi.org/10.1093/scan/nsz067> (**IF: 3.66**)
- (85) Alexander, N., Illius, S., **Stalder, T.**, Wankerl, M., Muehlhan, M., Kirschbaum, C. (2019) Serotonin transporter gene methylation predicts long-term cortisol concentrations in hair. *Psychoneuroendocrinology*. DOI: 10.1016/j.psyneuen.2019.03.033 (**IF: 4.94**)
- (84) Sierau, S., Glaesmer, H., Klucken, T., **Stalder, T.** (2019) Hair cortisol, lifetime traumatic experiences and psychopathology in unaccompanied refugee minors. *Psychoneuroendocrinology*, (**IF: 4.94**)
- (83) van den Heuvel, L., Wright, S., Suliman, S., **Stalder, T.**, Kirschbaum C., Seedat, S. (2019) Cortisol levels in different tissue samples in posttraumatic stress disorder patients versus controls: a systematic review and meta-analysis protocol. *Systematic Reviews*, 8. (**IF: 2.75**)
- (82) Braig, S., **Stalder, T.**, Kirschbaum, C., Rothenbacher, D., Genuneit, J. (2018) The association of potential stressors with hair steroids in parents and small children: The Ulm SPATZ health study. *Psychoneuroendocrinology*, 102, 37-43. (**IF: 4.94**)
- (81) Engert, V., Kok, B.E., Puhlmann, L.M.C., **Stalder, T.**, Kirschbaum, C., Apostolakou, F., Panastasopoulou, C., Papassotiriou, I., Pervanidou, P., Chrousos, G.P., Singer, T. (2018). Exploring the multidimensional complex systems structure of the stress response and its relation to health and sleep outcomes. *Brain, Behavior and Immunity*, 73, 390-402. (**IF: 5.89**)
- (80) Kruse, O., Tapia León, I., **Stalder, T.**, Stark, R., Klucken, T. (2018). Altered reward learning and hippocampal connectivity following psychosocial stress. *NeuroImage*, 171, 15-25 (**IF: 6.04**)
- (79) Tapia León, I., Kruse, O., **Stalder, T.**, Stark, R., Klucken, T. (2018) Neural correlates of subjective CS/UCS association in appetitive conditioning. *Human Brain Mapping*, 39 (**IF: 3.14**)
- (78) Alexander, N., Kirschbaum, C., Wankerl, M., Stauch, B.J., **Stalder, T.**, Steudte-Schmiedgen, S., Muehlhan, M., Miller, R. (2018). Glucocorticoid receptor gene methylation moderates the association of childhood trauma and cortisol stress reactivity. *Psychoneuroendocrinology*, 90, 68-75 (**IF: 4.94**)
- (77) Tene, O., Hallevi, H., Korczyn, A.D., Shopin, L., Molad, J., Kirschbaum, C., Bornstein, N.M., Shenhar-Tsarfaty, S., Kliper, E., Auriel, E., Usher, S., **Stalder, T.**, Ben Assayag, E. (2018) 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 Alzheimers Disease*, 65, 1365-1375 (**IF: 3.92**)
- (76) Wekeborg, M.K., LeBarron, K.H., Miller, R., **Stalder, T.**, Thayer, J.F., Penz, M.S., Kirschbaum, C. (2018) Reduced self-regulation mirrors the distorting effects of burnout symptomatology on task difficulty perception during an inhibition task. *Stress*, 10.1080/10253890.2018.1479393 (**IF: 2.20**)
- (75) Ullmann, E., Licinio, J., Perry, S.W., White, L.O., Klein, A.M., Barthel, A., Petrowski, K., **Stalder, T.**, Oratovski, B., von Klitzing, K., Bornstein, S.R., Kirschbaum, C. (2018) Inherited anxiety-related parent–infant dyads alter LHPA activity. *Stress*, DOI: 10.1080/10253890.2018.1494151 (**IF: 2.20**)
- (74) Bossé, S., D’Antono, B., **Stalder, T.** (2018). Childhood Trauma, Perceived Stress, and Hair Cortisol in Adults with and without Cardiovascular Disease. *Psychosomatic Medicine* (**IF: 3.86**).
- (73) Penz, M.S., **Stalder, T.**, Ludwig, V.M., Kanthak, M.K., Kirschbaum, C. (2018). Hair cortisol as a biological marker for burnout symptomatology. *Psychoneuroendocrinology*, 87, 218-221 (**IF: 4.94**).

- (72) Klucken, T., Tapia León I., Blecker, C., Kruse, O., **Stalder, T.**, Stark, R. (2018). Failure to replicate the association between fractional anisotropy and the serotonin transporter gene (5-HTTLPR, rs25531). *Frontiers Behavioral Neuroscience*, DOI: 10.3389/fnbeh.2018.00080. (IF: 3.1).
- (71) Penz, M., Wekenborg, M.K., Pieper, L., Beesdo-Baum, K., Walther, A., Miller, R., **Stalder, T.**, Kirschbaum, C. (2018) The Dresden Burnout Study: Protocol of a prospective cohort study for the bio-psychological investigation of burnout. *International Journal of Methods in Psychiatric Research*, 27: e1613 (IF: 3.17).
- (70) Urfer-Maurer, N., Ludyga, S., **Stalder, T.**, Brang, S., Holsboer-Trachsler, E., Gerber, M., Grob, A., Weber, P., Lemola, S. (in press). Heart rate variability and salivary cortisol in very preterm children during school age. *Psychoneuroendocrinology*. (IF: 4.94).
- (69) White, L.O., Ising, M., von Klitzing, K., Sierau, S., Michel, A., Klein, A., Andreas, A., Keil, J., Resch, L., Müller-Mysok, B., Uhr, M., Gausche, R., Manly, J.T., Crowley, M.J., Kirschbaum, C., **Stalder, T.** (2017) Commentary: The importance of exploring dose-dependent, subtype-specific, and age-related effects of maltreatment on the HPA axis and the mediating link to psychopathology. A response to Fisher (2017). *Journal of Child Psychology and Psychiatry*, 58, 1011-1013 (IF: 6.61)
- (68) Ben Assayag, E., Tene, O., Korczyn, A.D., Auriel, E., Molad, J., Hallelevi, H., Kirschbaum, C., Bornstein, N.M., Shenhar-Tsarfaty, Kliper, E., **Stalder, T.** (in press). High hair cortisol concentrations predict worse cognitive outcome after stroke: results from the TABASCO prospective cohort study. *Psychoneuroendocrinology*, doi.org/10.1016/j.psyneuen.2017.04.002. (IF: 4.94).
- (67) **Stalder, T.**, Steudte-Schmiedgen, S., Alexander, N., Klucken, T., Vater, A., Wichmann, S., Kirschbaum, C., Miller, R. (in press). Reply to commentary by Parrot and Downey (2017). *Psychoneuroendocrinology*, DOI: 10.1016/j.psyneuen.2016.12.017 (IF: 4.94).
- (66) Kanthak, M.K., **Stalder, T.**, LeBarron, K.H., Thayer, J.F., Penz, M., Kirschbaum, C. (in press). Autonomic dysregulation in burnout and depression: evidence for the central role of exhaustion. *Scandinavian Journal of Work, Environment and Healthy*. (IF: 3.43).
- (65) Ullmann, E., Licinio, J., Barthel, A., Petrowski, K., **Stalder, T.**, Kirschbaum, C., Bornstein, S.R. (in press). Persistent LHPA Activation in German Individuals Raised in an Overprotective Parental Behavior. *Scientific Reports*, DOI: 10.1038/s41598-017-01718-z. (IF: 5.47).
- (64) **Stalder, T.**, Steudte-Schmiedgen, S., Alexander, N., Klucken, T., Vater, A., Wichmann, S., Kirschbaum, C., Miller, R. (in press). Stress-related and basic determinants of hair cortisol in humans: a meta-analysis. *Psychoneuroendocrinology*, DOI: 10.1016/j.psyneuen.2016.12.017 (IF: 4.94).
- (63) White, L.O., Ising, M., von Klitzing, K., Sierau, S., Michel, A., Klein, A., Andreas, A., Keil, J., Resch, L., Müller-Mysok, B., Uhr, M., Gausche, R., Manly, J.T., Crowley, M.J., Kirschbaum, C., **Stalder, T.**, (in press). Hair cortisol concentrations in maltreated children and adolescents: Importance of developmental period and maltreatment characteristics. *Journal of Child Psychology and Psychiatry*. (IF: 6.61)
- (62) Trautmann, S., Mühlhan, M., Kirschbaum, C., Wittchen, H.U., Höfler, M., **Stalder, T.**, Steudte-Schmiedgen, S. (2017). Biological stress indicators as risk markers for increased alcohol use following traumatic experiences. *Addiction Biology* (IF: 3.65)
- (61) Lenk, J., Spoerl, E., **Stalder, T.**, Schmiedgen, S., Herber, R., Pillunat, L.E., Raiskup, F. (2017). Increased hair cortisol concentrations in patients with progressive keratoconus. *Journal of Refractive Surgery*, 33, 383-388. (IF: 3.23)
- (60) Ullmann, E., Licinio, J., Barthel, A., Petrowski, K., Oratovski, B., **Stalder, T.**, Kirschbaum, C., Bornstein, S.R. (2017). Circumcision does not alter long-term glucocorticoids accumulation or psychological effects associated with trauma- and stressor-related disorders. *Translational Psychiatry*, 14, e1063 (IF: 6.66)
- (59) Steudte-Schmiedgen, S., Wichmann, S., **Stalder, T.**, Hilbert, K., Muehlhan, M., Lueken, U., Beesdo-Baum, K. (2017). Hair cortisol concentrations and cortisol stress reactivity in

- generalized anxiety disorder, major depression and their comorbidity. *Journal of Psychiatric Research*, 84, 184-190. (IF: 5.23)
- (58) Steudte-Schmiedgen, S., Kirschbaum, C., Alexander, N., **Stalder, T.** (2016). An integrative model linking traumatization, cortisol dysregulation and posttraumatic stress disorder: insight from recent hair cortisol findings. *Neuroscience & Biobehavioral Reviews*, 69, 124-135. (IF: 8.80)
- (57) Föcker, M., **Stalder, T.**, Kirschbaum, C., Albrecht, M., Adams, F., de Zwaan, M., Hebebrand, J., Peters, T., Albayrak, Ö. (2016). Hair Cortisol Concentrations in Adolescent Girls with Anorexia Nervosa are Lower Compared to Healthy and Psychiatric Controls. *European Eating Disorders Review*, 24, 531-535. (IF: 3.61)
- (56) Braig, S., Grabher, F., Pilz, C., Reister, F., **Stalder, T.**, Kirschbaum, C., Rothenbacher, D., Genuneit, J. (2016). Maternal prenatal stress and child atopic dermatitis up to age 2 years: the Ulm SPATZ Health Study. *Pediatric Allergy and Immunology*. (IF: 2.91)
- (55) Grass, J., Miller, R., Carlitz, E.H.D., Patrovsky, F., Gao, W., Kirschbaum, C., **Stalder, T.** (2016). In vitro influence of light radiation on hair steroid concentrations. *Psychoneuroendocrinology*, 73, 109-116. (IF: 4.94)
- (54) Abell, J.G., **Stalder, T.**, Ferrie, J.E., Shipley, M.J., Kirschbaum, C., Kivimäki, M., Kumari, M. (2016). Assessing cortisol from hair samples in a large observational cohort: The Whitehall II study. *Psychoneuroendocrinology*, 73, 148-156. (IF: 4.94)
- (53) Maurer, N., Perkinson-Gloor, N., **Stalder, T.**, Hagmann von Arx, P., Brand, S., Holsboer-Trachsler, E., Wellmann, S., Grob, A., Weber, P., Lemola, S. (2016). Salivary and hair glucocorticoids and sleep in very preterm children during school age. *Psychoneuroendocrinology*, 72, 166-174. (IF: 4.94)
- (52) Miller, R., **Stalder, T.**, Jarczok, M., Almeida, D.M., Badrick, E., Bartels, M., Boomsma, D.I., Coe, C.L., Dekker, M.C.J., Donzella, B., Fischer, J.E., Gunnar, M.R., Kumari, M., Lederbogen, F., Power, C., Ryff, C.D., Subramanian, S.V., Tiemeier, H., Watamura, S.E., Kirschbaum, C. (2016). The CIRCORT database: Reference ranges and seasonal changes in diurnal salivary cortisol derived from a meta-dataset comprised of 15 field studies. *Psychoneuroendocrinology*, 73, 16-23. (IF: 4.94)
- (51) Gao, W., Kirschbaum, C., Grass, J., **Stalder, T.** (2016). LC-MS based analysis of endogenous steroid hormones in human hair. *Journal of Steroid Biochemistry and Molecular Biology*, 162, 92-99. (IF: 3.63)
- (50) **Stalder, T.**, Kirschbaum, C., Kudielka, B.M., Adam, E.K., Pruessner, J., Wüst, S., Dockray, S., Smyth, N., Evans, P., Hellhammer, D.H., Miller, R., Wetherell, M., Lupien, S., Clow, A. (2016). Assessment of the cortisol awakening response: Expert consensus guidelines. *Psychoneuroendocrinology*, 63, 414-432. (IF: 4.94)
- (49) Short, S.J., **Stalder, T.**, Marceau, K., Entringer, S., Moog, N.K., Shirtcliff, E.A., Wadhwa, P.D., Buss, C. (2016) Correspondence between hair cortisol concentrations and 30-day integrated daily salivary and weekly urinary cortisol measures. *Psychoneuroendocrinology*, 71, 12-18. (IF: 4.94)
- (48) Smyth, N., Biachin, M., Thorn, L., Hucklebridge, F., Kirschbaum, C., **Stalder, T.**, Clow, A. (2016). Hair cortisol concentrations in relation to ill-being and well-being in healthy young and old females. *International Journal of Psychophysiology*, 102, 12-17. (IF: 2.88)
- (47) Alexander, N., Rosenlöcher, F., Dettenborn, L., **Stalder, T.**, Linke, J., Distler, W., Morgner, J., Miller, R., Kliegel, M., Kirschbaum, C. (2016). Impact of antenatal glucocorticoid therapy and risk of preterm delivery on intelligence in term-born children. *Journal of Clinical Endocrinology & Metabolism*, 101, 581-589. (IF: 6.21)
- (46) Braig, S., Grabher, F., Ntomchukwu, C., Reister, F., **Stalder, T.**, Kirschbaum, C., Rothenbacher, D., Genuneit, J. (2016). The association of hair cortisol with self-reported chronic psychosocial stress and symptoms of anxiety and depression in women shortly after delivery. *Paediatric and Perinatal Epidemiology*, 30, 97-104. (IF: 3.13)

- (45) Ullmann, E., Barthel, A., Petrowski, K., **Stalder, T.**, Kirschbaum, C., Bornstein, S.R. (2016). Pilot study of adrenal steroid hormones in hair as an indicator of chronic mental and physical stress. *Scientific Reports*, 25842, doi:10.1038/srep25842. (IF: 5.58)
- (44) Grass, J., Kirschbaum, C., Miller, R., Gao, W., Steudte-Schmiedgen, **Stalder, T.** (2015). Sweat-inducing physiological challenges do not result in acute changes in hair cortisol concentrations. *Psychoneuroendocrinology*, 53, 108-116. (IF: 4.94)
- (43) Steudte-Schmiedgen, S., Kirschbaum, C., Gao, W., Alexander, N., Schönfeld, S., Hoyer, J., **Stalder, T.** (2015). Reply to: Linking Hair Cortisol Levels to Phenotypic Heterogeneity of Posttraumatic Stress Symptoms in Highly Traumatized Chinese Women. *Biological Psychiatry*, 77, e23-e24. (IF: 10.26)
- (42) Wosu, A.C., Gelaye, B., Valdimarsdóttir, U., Kirschbaum, C., **Stalder, T.**, Shields, A.E., Williams, M.A. (2015). Hair cortisol in relation to sociodemographic and lifestyle characteristics in a multiethnic US sample. *Annals of Epidemiology*, 25, 90-95. (IF: 2.00)
- (41) White, L.O., Klein, A.M., Kirschbaum, C., Kurz-Adam, M., Uhr, M., Müller-Myhsok, B., Hoffman, K., Sierau, S., Michel, A., **Stalder, T.**, Horlich, J., Keil, J., Andreas, A., Resch, L., Binser, M.J., Costa, A., Giurges, E., Neudecker, E., Wolf, C., Scheuer, S., Ising, M., von Klitzing, K. (2015). Analyzing pathways from childhood maltreatment to internalizing symptoms and disorders in children and adolescents (AMIS): A study protocol. *BMC Psychiatry*, 15, 126-144. (IF: 2.21)
- (40) Russell, E., Kirschbaum, C., Laudenslager, M., **Stalder, T.**, de Rijke, Y., van Rossum, E.F., van Uum, S., Koren, G. (2015). Toward standardization of hair cortisol measurement: results of the first international interlaboratory round robin. *Therapeutic Drug Monitoring*, 37, 71-75. (IF: 2.38)
- (39) Gao, W., **Stalder, T.**, Kirschbaum, C. (2015). Quantitative analysis of estradiol and six other steroid hormones in human saliva using a high throughput liquid chromatography-tandem mass spectrometry assay. *Talanta*, 143, 353-358. (IF: 3.55)
- (38) Bosma, H., Golsteyn, B., Groffen, D., Schils, T., **Stalder, T.**, Syurina, E., Borghans, L., Feron, F. (2015). The socioeconomic patterning of perceived stress and hair cortisol in Dutch 10-12 year olds. *International Journal of Public Health and Epidemiology*, 4, 195-197. (IF: 0.7)
- (37) Steudte-Schmiedgen, S., **Stalder, T.**, Schönfeld, S., Wittchen, H.U., Trautmann, S., Alexander, N., Miller, R., Kirschbaum, C. (2015). Hair cortisol concentrations and cortisol stress reactivity predict PTSD symptom increase after trauma exposure during military deployment. *Psychoneuroendocrinology*, 59, 123-133. (IF: 4.94)
- (36) Downey, L.A., Sands, H., Jones, L., Clow, A., Evans, P., **Stalder, T.**, Parrott, A.C. (2015) Reduced memory skills and increased hair cortisol levels in recent Ecstasy/MDMA users: significant but independent neurocognitive and neurohormonal deficits. *Human Psychopharmacology*, 30, 199-207. (IF: 2.19)
- (35) Braig, S., Grabher, F., Ntomchukwu, C., Reister, F., **Stalder, T.**, Kirschbaum, C., Genuneit, J., Rothenbacher, D. (2015). Determinants of maternal hair cortisol concentrations at delivery reflecting the last trimester of pregnancy. *Psychoneuroendocrinology*, 52, 289-296. (IF: 4.94)
- (34) **Stalder, T.**[†], Tietze, A.[†], Steudte, S., Alexander, N., Dettenborn, L., Kirschbaum, C. (2014). Elevated hair cortisol levels in chronically stressed dementia caregivers. *Psychoneuroendocrinology*, 47, 26-30. (IF: 4.94)
- (33) Bäuml, D., Kliegel, M., Kirschbaum, C., Miller, R., Alexander, N., **Stalder, T.** (2014). Effects of a naturalistic prospective memory-related task on the cortisol awakening response in young children. *Biological Psychology*, 103, 24-26. (IF: 3.40)
- (32) Alexander, N., Wankerl, M., Hennig, J., Miller, R., Zänkert, S., Steudte-Schmiedgen, S., **Stalder, T.**, Kirschbaum, C. (2014). DNA methylation profiles within the serotonin transporter gene moderate the association of 5-HTTLPR and cortisol stress reactivity. *Translational Psychiatry*, 4, e443 (IF: 7.68)

- (31) Steinisch, M., Yusuf, R., Li, J., **Stalder, T.**, Bosch, J.A., Rahman, O., Fischer, J.E., Loerbroks, A. (2014). Work stress and hair cortisol levels among workers in a Bangladeshi ready-made garment factory – results from a cross-sectional study. *Psychoneuroendocrinology*, 50, 20-27 (**IF: 4.94**)
- (30) Steudte-Schmiedgen, S., **Stalder, T.**, Kirschbaum, C., Weber, F., Hoyer, F., Plessow, F. (2014). Trauma exposure is associated with increased context-dependent adjustment of cognitive control in patients with posttraumatic stress disorder and healthy controls. *Cognitive, Affective, and Behavioral Neuroscience*, 14, 1310-1319. (**IF: 3.28**)
- (29) Wankerl, M., Miller, R., Kirschbaum, C., Hennig, J., **Stalder, T.**, Alexander, N. (2014). Effects of genetic and early environmental risk factors for depression on serotonin transporter expression and methylation profiles. *Translational Psychiatry*, 4, e402-e411. (**IF: 7.68**)
- (28) Bäumler, D., Voigt, B., Miller, R., **Stalder, T.**, Kirschbaum, C., Kliegel, M. (2014). The relation of the cortisol awakening response and prospective memory functioning in young children. *Biological Psychology*, 99, 41-46. (**IF: 3.40**)
- (27) Rector, J.L., Dowd, J.B., Loerbroks, A., Burns, V.E., Moss, P., Jarczok, M.N., **Stalder, T.**, Hoffman, K., Fischer, J.E., Bosch, J.A. (2014). Consistent associations between measures of psychological stress and CMV antibody levels in a large occupational sample. *Brain, Behavior & Immunity*, 38, 133-141. (**IF: 5.89**)
- (26) Parrot, A.C., Sands, H.R., Jones, L., Clow, A., Evans, P., Downey, L.A., **Stalder, T.** (2014). Increased cortisol levels in hair of recent Ecstasy/MDMA users. *European Neuropsychopharmacology*, 24, 369-374. (**IF: 5.39**)
- (25) Malan, N., **Stalder, T.**, Schlaich, M., Lambert, G., Hamer, M., Schutte, A., Huisman, H., Schutte, R., Smith, W., Mels, C., van Rooyen, J., Malan, L. (2014). Chronic distress and acute vascular stress response associated with ambulatory blood pressure in low testosterone African men: The SABPA study. *Journal of Human Hypertension*, 28, 393-398. (**IF: 2.69**)
- (24) Carlitz, E.H.D., **Stalder, T.**, Kirschbaum, C., van Schaik, C.P. (2014). Hair as a long-term retrospective cortisol calendar in organ-utans (Pongo spp.): New perspectives for stress monitoring in captive management and conservation. *General & Comparative Endocrinology*, 195, 151-156. (**IF: 2.67**)
- (23) Feller, S., Vigl, M., Bergmann, M.M., Boeing, H., Kirschbaum, C., **Stalder, T.** (2014). Predictors of hair cortisol concentrations in older adults. *Psychoneuroendocrinology*, 39, 132-140. (**IF: 4.94**)
- (22) Miller, R., Plessow, F., Kirschbaum, C., **Stalder, T.** (2013). Classification criteria for Distinguishing Cortisol Responders From Nonresponders to Psychosocial Stress: Evaluation of Salivary Cortisol Pulse Detection in Panel Designs. *Psychosomatic medicine*, 75, 832-840. (**IF: 4.08**)
- (21) Steudte, S., Kirschbaum, C., Gao, W., Alexander, N., Schönhofeld, S., Hoyer, J., **Stalder, T.** (2013). Hair Cortisol as a Biomarker of Traumatization in Healthy Individuals and Posttraumatic Stress Disorder Patients. *Biological Psychiatry*, 74, 639-646. (**IF: 9.47**)
- (20) Bäumler, D., Kirschbaum, C., Kliegel, M., Alexander, N., **Stalder, T.** (2013). The cortisol awakening response in toddlers and young infants. *Psychoneuroendocrinology*, 38, 2485-2492. (**IF: 5.59**)
- (19) Miller, R., Wankerl, M., **Stalder, T.**, Kirschbaum, C., Alexander, N. (2013). The serotonin transporter gene-linked polymorphic region (5-HTTLPR) and cortisol stress reactivity: a meta-analysis. *Molecular Psychiatry*, 18, 1018-1024. (**IF: 15.14**)
- (18) **Stalder, T.**, Kirschbaum, C., Alexander, N., Bornstein, S.R., Gao, W., Miller, R., Stark, S., Bosch, J.A., Fischer, J.E. (2013). Cortisol in hair and the metabolic syndrome. *Journal of Clinical Endocrinology & Metabolism*, 98, 2573-2580. (**IF: 6.31**)
- (17) Gao, W., **Stalder, T.**, Foley, P., Rauh, M., Deng, H., Kirschbaum, C. (2013). Quantitative analysis of steroid hormones in human hair using a column-switching LC-APCI-MS/MS assay. *Journal of Chromatography B*, 928, 1-8. (**IF: 2.69**)

- (16) **Stalder, T.**[†], Bäumler, D.[†], Miller, R., Alexander, N., Kliegel, M., Kirschbaum, C. (2013). The cortisol awakening response in infants: Ontogeny and associations with development-related variables. *Psychoneuroendocrinology*, 38, 552-559. **(IF: 5.59)**
- (15) Dettenborn, L., Tietze, A., Kirschbaum, C., **Stalder, T.** (2012). The assessment of cortisol in human hair: Associations with sociodemographic variables and potential confounders. *Stress*, 15, 578-588. **(IF: 3.25)**
- (14) Alexander, N., Rosenlöcher, F., **Stalder, T.**, Linke, J., Distler, W., Morgner, J., Kirschbaum, C. (2012). Impact of Antenatal Synthetic Glucocorticoid Exposure on Endocrine Stress Reactivity in Term-Born Children. *Journal of Clinical Endocrinology & Metabolism*, 97, 3538-3544. **(IF: 6.43)**
- (13) **Stalder, T.**, Kirschbaum, C. (2012). Analysis of cortisol in hair – State of the art and future directions. Invited Minireview. *Brain, Behavior & Immunity*, 26, 1019-1029. **(IF: 5.61)**
- (12) **Stalder, T.**, Steudte, S., Alexander, N., Miller, R., Gao, W., Dettenborn, L., Kirschbaum, C., (2012). Cortisol in hair, body mass index and stress-related measures. *Biological Psychology*, 90, 218-223. **(IF: 3.40)**
- (11) Dettenborn, L., Muhtz, C., Skoluda, N., **Stalder, T.**, Steudte, S., Hinkelmann, K., Kirschbaum, C., Otte, C., (2012). Introducing a novel method to assess cumulative steroid concentrations: Increased hair cortisol concentrations over 6 months in medicated patients with depression. *Stress*, 15, 348-353. **(IF: 3.25)**
- (10) Skoluda, N., Dettenborn, L., **Stalder, T.**, Kirschbaum, C., (2012). Elevated hair cortisol concentrations in endurance athletes. *Psychoneuroendocrinology*, 37, 611-617. **(IF: 5.15)**
- (9) **Stalder, T.**, Steudte, S., Miller, R., Skoluda, N., Dettenborn, L., Kirschbaum, C. (2012). Intraindividual stability in hair cortisol concentrations. *Psychoneuroendocrinology*, 37, 602-610. **(IF: 5.14)**
- (8) Steudte, S., **Stalder, T.**, Dettenborn, L., Klumbies, E., Foley, P., Beesdo-Baum, K., Kirschbaum, C., (2011). Decreased hair cortisol concentrations in generalised anxiety disorder. *Psychiatry Research*, 186, 310-314. **(IF: 2.52)**
- (7) Steudte, S., Kolassa, I., **Stalder, T.**, Pfeiffer, A., Kirschbaum, C., Elbert, T., (2011). Increased cortisol concentrations in hair of severely traumatized Ugandan individuals with PTSD. *Psychoneuroendocrinology*, 36, 1193-1200. **(IF: 5.81)**
- (6) **Stalder, T.**, Evans, P., Hucklebridge, F., Clow, A. (2011). Associations between the cortisol awakening response and heart rate variability. *Psychoneuroendocrinology*, 36, 454-462. **(IF: 5.81)**
- (5) **Stalder, T.**, Kirschbaum, C., Heinze, H., Steudte, S., Foley, P., Dettenborn, L. (2010). Use of hair cortisol analysis to detect hypercortisolism during active drinking phases in alcohol-dependent individuals. *Biological Psychology*, 85, 357-360. **(IF: 3.35)**
- (4) **Stalder, T.**, Evans, P., Hucklebridge, F., Clow, A. (2010). Associations between psychosocial state variables and the cortisol awakening response in a single case study. *Psychoneuroendocrinology*, 35, 209-214. **(IF: 5.17)**
- (3) **Stalder, T.**, Evans, P., Hucklebridge, F., Clow, A. (2010) State associations with the cortisol awakening response in healthy females. *Psychoneuroendocrinology*, 35, 1245-1252. **(IF: 5.17)**
- (2) Clow, A., Hucklebridge, F., **Stalder, T.**, Evans, P., Thorn, L. (2010) The cortisol awakening response: More than a measure of HPA axis function. *Neuroscience & Biobehavioral Reviews*, 35, 97-103. **(IF: 9.02)**
- (1) **Stalder, T.**, Hucklebridge, F., Evans, P., Clow, A. (2009) Use of a single case study design to examine state variation in the cortisol awakening response: Relationship with time of awakening. *Psychoneuroendocrinology*, 34, 607-614. **(IF: 4.19)**