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SSRN: [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4113941](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4113941)

bioRxiv: <https://doi.org/10.1101/2022.03.15.484390>

## **ORIGINALARBEITEN IM PEER-REVIEW VERFAHREN**

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### **2023 & in press**

Neubert, M., Süßenbach, P., Rief, W., & Euteneuer, F. (2023). Does subjective social status affect pain thresholds?—an experimental examination. *Psychology, Health & Medicine*, 1-11.

Finke, J., Opdensteinen, K. D., Klucken, T., Schächinger, H. (2023). Close(d) to you? Avoidant attachment is associated with attenuated pupil responsivity to social stimuli. *International Journal of Psychophysiology*. IF: 4.7.

Drost, L., Finke, J. B., Behrje, A., Rebeck, D., Domes, G., Schächinger, H. (2023). Optimal timing of oral metyrapone intake for the suppression of cold-pressor stress-induced cortisol release. *Psychoneuroendocrinology*, 106328.

Finke, J., Stalder, T., & Klucken, T. (2023). Pupil dilation tracks divergent learning processes in aware vs. unaware Pavlovian conditioning. *Psychophysiology*. 00, e14288. IF: 4.7.

Finke, J., Hahn, S., Schächinger, H., & Klucken, T. (2023). Increased pupil and heart-rate responses to sexual stimuli in men after physical exertion. *Psychophysiology*, 60, e14254. IF: 4.7.

Kampa, M., Sebastian, A., Tüscher, O., Stark, R., & Klucken, T. (2023). Refocus on stopping! Replication of reduced right amygdala reactivity to negative, visual primes during inhibition of motor responses. *Neuroimage: Reports*, 3, 100151.

Kampa, M., Hermann, A., Stark, R., & Klucken, T. (2023). Neural correlates of immediate versus delayed extinction when simultaneously varying the time of the test in humans. *Cerebral Cortex*, bhad205, DOI: 10.1093/cercor/bhad205.

Machulska, A., Eiler, T. J., Hassler, B., Kleinke, K., Brueck, R., Jahn, K., Niehaves, B., & Klucken, T. (accepted). Mobile phone-based approach bias retraining for smokers seeking abstinence: A randomized-controlled study. *International Journal of Mental Health and Addiction*, IF: 7.9.

Planert, J., Klucken, T., Finke, J. B., Paulus, P. C., Fischer, J. E., Gao, W., & Stalder, T. (2023). Associations between hair cortisol and subjective stress measures in a large occupational sample. *Psychoneuroendocrinology*, 152, 106086. IF: 5.4.

### **2022**

Neubert, M., Süßenbach, P., & Euteneuer, F. (2022). Subjective social status and nocturnal blood pressure dipping. *Journal of Psychosomatic Research*, 163, 111065.

Drost, L., Finke, J.B., Port, J., Schächinger, H. (2022). Comparison of TWA and PEP as indices of α2- and β-adrenergic activation. *Psychopharmacology*, 1-12.

Finke, J.B., Behrje, A., Heßlenberg, E., Klucken, T., & Schächinger, H. (2022). Stressed in afterthought: neuroendocrine effects of social self-threat during physical effort are counteracted by performance feedback after stress exposure. *Psychoneuroendocrinology*, 139, 105703.

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- Hildebrand, A.\*., Roesmann, K.\*., Planert., J., Machulska, A., Otto, E. & Klucken, T. (2022). Self-Guided Virtual Reality Therapy for Social Anxiety Disorder: A Study Protocol for a Randomized Controlled Trial. *Trials*, DOI: 10.1186/s13063-022-06320-x.
- Jahn, K., Oschinsky, F., Kordyaka, B., Machulska, A., Eiler, T. J., Gruenewald, A., Klucken, T. et al. (2022). Design Elements in Immersive Virtual Reality: The Impact of Object Presence on Health-Related Outcomes. *Internet Research*. doi: 10.1016/j.chb.2021.106702.
- Kampa, M., Finke, J.B., Stalder, T., Bucher, L., Klapperich, H., Mertl, F., Zimmer, C., Geiger, G., Hassenzahl, M., Klucken, T. (2022). Facilitating relaxation and stress reduction in healthy participants through a virtual reality intervention: Study protocol for a randomized controlled trial. *Trials*, 23, DOI: 10.1186/s13063-022-06307-8.
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- Krakowczyk, JB., Planert, J., Skoda, EM., Dinse, H., Kaup, T., Teufel, M., Bäuerle, A. (2022). Pandemic fatigue, psychopathological risk factors, and vaccination attitudes during the COVID-19 pandemic in 2021 – a network analysis. *J. Affect. Disord. Rep.*, 8, 100345.
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- Machulska, A., Rinck, M., Klucken, T., Kleinke, K., Remeniuk, J.-C., & Margraf, J. (2022). “Push it!” Or “Hold it!”? A comparison of nicotine-avoidance training and nicotine-inhibition training in smokers motivated to quit. *Psychopharmacology*, 239, 105–121.
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- Planert, J., \* Machulska, A.\*., Hildebrand, A., Roesmann, K., Otto, E. & Klucken, T. (2022). Self-guided digital treatment with virtual reality for panic disorder and agoraphobia: A study protocol for a randomized controlled t *Trials*, 23, 1–9.
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- Roesmann, K., Kroker, T., Hein, S., Rehbein, M., Winker, C., Lee, E. J., Klucken, T., & Junghöfer, M. (2022). Transcranial direct current stimulation of the vmPFC modulates perceptual discrimination and neural correlates of fear generalization. *Biological Psychiatry CNNI*, 7, 210-220.
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- 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.A., 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*. <https://doi.org/10.1016/j.psyneuen.2022.105946>.
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- 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.
- 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.

## 2021

- Mannhardt, J., Bucher, L., Brand, D., & Ragni, M. (2021) Predicting Spatial Belief Reasoning: Comparing Cognitive and AI Models. In Stewart, T. C. (Ed.). *Proceedings of the 19th International Conference on Cognitive Modelling* (pp. 184-190). University Park, PA: Applied Cognitive Science Lab, Penn State.
- Böhnlein, J., Leehr, E.J., Roesmann, K., Sappelt, T., Platte, O., Grotegerd, D., Sindermann, L., Repple, J., Opel, N., Meinert, S., Lemke, H., Borgers, T., Dohm, K., Enneking, V., Goltermann, J., Waltemate, L., Hülsmann, C., Thiel, K., Winter, N., Bauer, J., Lueken, U., Straube, J., Junghöfer, M., Dannlowski, U. (2021) Neural processing of emotional facial stimuli in specific phobia: an fMRI study. *Depression and Anxiety*. 38(8), 846-859.
- Brand, M., Müller, A., Stark, R., Seins-Loeber, S., Klucken, T., Montag, C. et al. (2021). Addiction Research Unit. *Addiction Biology*, 2021, e13087.
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- Machulska, A., Eiler, T. J., Kleinke, K., Gruenewald, A., Brueck, R., Jahn, K., Niehaves, B., & Klucken, T. (2021). Approach bias retraining through virtual reality in smokers willing to quit smoking: A randomized-controlled study. *Behaviour Research and Therapy*, 141, 103858.
- Machulska, A.\*., Roesmann, K.\*., Eiler, T. J., Gruenewald, A., Brueck, R., & Klucken, T. (2021). Virtual reality utilization in psychotherapeutic practice: present state of research, opportunities, risks, and challenges. *Psychotherapieforum*, 25, 169-176.
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## 2020

- 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.
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