

Publikationsliste

AKTUELLE KENNZAHLEN (03/2022)

h-index: 25 Zitationen: 2507 Impact-Faktoren (IF) basieren auf dem 5-Years Impact.
Google-Scholar Profil: <https://scholar.google.de/citations?user=etilD0AAAAAJ&hl=de>

ORIGINALARBEITEN IM PEER-REVIEW VERFAHREN

2022 & in press

- 68.) Finke, J., Behrje, A., Heßlenberg, E., **Klucken, T.**, & Schächinger, H., (in press). Stressed in afterthought: neuroendocrine effects of social self-threat during physical effort are counteracted by performance feedback after stress exposure. *Psychoneuroendocrinology*. DOI: 10.1016/j.psyneuen.2022.105703. IF: 4.9.
- 67.) Machulska, A., Kleinke, K., & **Klucken, T.** (in press). Same same, but different: A psychometric examination of three frequently used experimental tasks for cognitive bias assessment in a healthy sample of young adults. *Behavior Research Methods*. DOI: 10.3758/s13428-022-01804-9. IF: 7.0.
- 66.) 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 IF: 4.1.

2021

- 65.) **Klucken, T.**, & Roesmann, K. (2021). Die Digitalisierung der psychotherapeutischen Praxis. *Psychotherapeutenjournal*, 3, 208–216.
- 64.) **Klucken, T.**, & Heppchen, S. (2021). Folgen der Eindämmungsmaßnahmen für soziale und psychotherapeutische Hilfen. *Diagonal*, 42, 29–39.
- 63.) Brand, M., Müller, A., Stark, R., Seins-Loeber, S., **Klucken, T.**, Montag, C. et al. (2021). Addiction Research Unit. *Addiction Biology*, 2021, e13087. IF: 4.3
- 62.) Brand, M., Stark, R., & **Klucken, T.** (2021). Affective and cognitive mechanisms of specific Internet-use disorders. *Neuroforum*, 26, 4233-236.
- 61.) Eiler, T. J., Forneberg, T., Grünewald, A., Machulska, A., **Klucken, T.**, Jahn, K. et al. (2021). One ‘Stop Smoking’ to Take Away, Please! A Preliminary Evaluation of an AAT Mobile App. *Information Technology in Biomedicine*, 345–357.
- 60.) Exner, A., Tapia León, I., Mueller E. M., & **Klucken, T.** (2021). Cardiac responses in aversive and appetitive olfactory conditioning: evidence for a valence-independent CS-elicited bradycardia. *Psychophysiology*. doi: 10.1111/psyp.13912. IF: 3.8.
- 59.) Finke J., 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*, 130, 351–368. IF: 9.0.
- 58.) Jahn, K., Kordyaka, B., Machulska, A., Eiler, T. J., Gruenewald, A., **Klucken, T.** et al. (2021). Individualized gamification elements: The impact of avatar and feedback design on reuse intention. *Computers in Human Behavior*. doi: 10.1016/j.chb.2021.106702. IF: 6.8.
- 57.) 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. IF: 5.2.

- 56.) 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.
- 55.) Roesmann, K., Leehr, E. J., Böhnlein, J., Steinberg, C., Seeger, F. R.,..., **Klucken, T.** et al. (2021). Behavioral and Magnetoencephalographic Correlates of Fear Generalization moderate responses to later Virtual Reality Exposure Therapy in Spider Phobia. *Biological Psychiatry CNI*. 26:S2451-9022(21)00200-7. doi:10.1016/j.bpsc.2021.07.006. IF: 6.2.
- 54.) Roesmann, K., Kroker, T., Hein, S., Rehbein, M., Winker, C., Leehr, E. J., **Klucken, T.**, & Junghöfer, M. (2021). Transcranial direct current stimulation of the vmPFC modulates perceptual discrimination and neural correlates of fear generalization. *Biological Psychiatry CNI*, 4: 14:S2451-9022(21)00226-3. doi: 10.1016/j.bpsc.2021.08.001. IF: 6.2

2020

- 53.) Croissant, C., 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*, 104, 104683. IF: 4.9.
- 52.) Eiler, T. J., Hassler, B., Gruenewald, A., Machulska, A., **Klucken T.** et al. (2020). Swipe up to smoke less cigarettes! Introducing a mobile Approach-Avoidance Task Application to fight Smoking. *Current Directions in Biomedical Engineering*, 6, 20203145.
- 51.) Kruse, O., Klein, S., Tapia León I., Stark, R., & **Klucken, T.** (2020). Amygdala and nucleus accumbens involvement in appetitive extinction. *Human Brain Mapping*, 41, 1833–1841. IF: 5.2.
- 50.) Machulska, A., Eiler, T. J., Gruenewald, A., Brueck, R., Jahn, K., Niehaves, B., Ullrich, H., & **Klucken, T.** (2020). Promoting smoking abstinence in smokers willing to quit smoking through virtual reality-approach bias retraining: a study protocol for a randomized controlled trial. *Trials*, 21, doi: 10.1186/s13063-020-4098-5. IF: 2.3.

2019

- 49.) **Klucken, T.**, Kruse, O., Klein, S., Kampa, M., Tapia León I., & Stark, R. (2019). The relationship between neuroticism and appetitive conditioning. *Neurobiology of Learning and Memory*, 164, 107068. IF: 3.4.
- 48.) Eiler, T. J., Grünewald, A., Machulska, A., **Klucken, T.**, Jahn, K., Niehaves., B. et al. (2019). A Preliminary Evaluation of Transferring the Approach Avoidance Task into Virtual Reality. *Information Technology in Biomedicine*, 151–163.
- 47.) 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*, 30, 1009–1016. IF: 4.5.
- 46.) Machulska, A., Kleinke, K., Eiler, T. J., Gruenewald, A., Brueck, R., Jahn, K., Niehaves, B., Gethmann, C. F, **Klucken, T.** (2019). Retraining automatic action tendencies for smoking using mobile phone-based approach-avoidance bias training: A study protocol for a randomized controlled study. *Trials*, doi: 10.1186/s13063-019-3835-0. IF: 2.3
- 45.) Sierau, S., Glaesmer, H., **Klucken, T.**, & Stalder, T. (2019). Hair cortisol, lifetime traumatic experiences and psychopathology in unaccompanied refugee. *Psychoneuroendocrinology*, 104, 191–194. IF: 4.9
- 44.) Tapia León I., Kruse, O., Stark, R., & **Klucken, T.** (2019). Relationship of sensation seeking with the neural correlates of appetitive conditioning. *Social Cognitive and Affective Neuroscience*, 14, 769–775. IF: 4.5.

2018

- 43.) **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 in Behavioral Neuroscience*, doi: 10.3389/fnbeh.2018.00080. IF: 3.4.
- 42.) 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: 6.9.
- 41.) Panitz, C., Sperl, M. F. J., Hennig, J., **Klucken, T.**, Hermann, C., & Mueller, E. (2018). Fearfulness, neuroticism/anxiety, and COMT Val158Met in long-term fear conditioning and extinction. *Neurobiology of Learning and Memory*, *155*, 7–20. IF: 3.4.
- 40.) Stark, R., **Klucken, T.**, Potenza, M. N., Brand, M., & Strahler, J. (2018). A Current Understanding of the Behavioral Neuroscience of Compulsive Sexual Behavior Disorder and Problematic Pornography Use. *Current Behavioral Neuroscience Reports*, *4*, 218–231.
- 39.) Strahler, J., Kruse, O., Wehrum-Osinsky, S., **Klucken, T.**, & Stark, R. (2018). Neural correlates of gender differences in distractibility by sexual stimuli. *NeuroImage*, *176*, 499–509. IF: 6.9.
- 38.) Tapia León I., Kruse, O., Stalder, T., Stark, R., & **Klucken, T.** (2018). Neural correlates of subjective CS/UCS associations in appetitive conditioning. *Human Brain Mapping*, *39*, 1637–1646. IF: 5.2.

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- 37.) Kruse O., Tapia León I., Stark R., & **Klucken T.** (2017). Neural correlates of appetitive extinction in humans. *Social Cognitive and Affective Neuroscience*, *12*, 106–115. IF: 4.9.
- 36.) Bosch, O. G., Havranek, M. M., Baumberger, A., Preller, K. H., von Rotz, R., ... **Klucken T.** et al. (2017). Neural underpinnings of prosexual effects induced by gamma-hydroxybutyrate in healthy male humans. *European Neuropsychopharmacology*, *12*, 106–115. IF: 4.6.
- 35.) Stalder, S., Stuedte-Schmied, S., Alexander, A., **Klucken, T.**, Vater, A., Wichmann, S., Kirschbaum, C., & Miller, R. (2017). Reply to the commentary by Parrot and Downey (2017). *Psychoneuroendocrinology*, *81*, 160. IF: 5.2.
- 34.) Stark, R., Kruse, O., Snagowski, J., Brand, M., Walter, B., **Klucken, T.**, & Wehrum-Osinsky, S. (2017). Neural Predictors for (Problematic) Use of Internet Sexually Explicit Material: Role of Trait Sexual Motivation and Implicit Approach Tendencies Towards Sexually Explicit Material. *Sexual Addiction & Compulsivity*, *8*, 1–23. IF: n.a.
- 33.) Stalder, S., Stuedte-Schmied, S., Alexander, A., **Klucken, T.**, Vater, A., Wichmann, S., Kirschbaum, C., & Miller, R. (2017). Stress-related and basic determinants of hair cortisol in humans: a meta-analysis. *Psychoneuroendocrinology*, *77*, 261–274. IF: 5.4.

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- 32.) **Klucken, T.**, Kruse, O., Schweckendiek, J., Kuepper, Y., Mueller, E. M., Hennig, J., & Stark, R. (2016). No evidence for blocking the return of fear by disrupting reconsolidation prior to extinction learning. *Cortex*, *79*, 112–122. IF: 4.7.
- 31.) **Klucken, T.**, Wehrum-Osinsky, S., Kruse, O., Schweckendiek, J., & Stark, R. (2016). Altered appetitive conditioning and neural connectivity in subjects with compulsive sexual behavior. *Journal of Sexual Medicine*, *13*, 627–636, IF: 3.1.
- 30.) Schweckendiek, J., Stark, R., & **Klucken, T.**, (2016). Neuroticism and Extraversion Moderate Neural Responses and Effective Connectivity During Appetitive Conditioning. *Human Brain Mapping*, *37*, 2992–3002. IF: 5.1.

2015

- 29.) **Klucken, T.**, Schweckendiek, J., Blecker, C., Walter, B., Kuepper, Y., Hennig, J., & Stark, R. (2015). The association between the 5-HTTLPR and neural correlates of fear conditioning and connectivity. *Social Cognitive and Affective Neuroscience*, *10*, 700–707. IF: 4.9.
- 28.) **Klucken, T.**, Kruse, O., Wehrum-Osinsky, S., Schweckendiek, J., Hennig, J., & Stark, R. (2015). Impact of COMT Val158Met polymorphism on appetitive conditioning and amygdala/prefrontal effective connectivity. *Human Brain Mapping*, *36*, 1093–1101. IF: 5.1.
- 27.) **Klucken, T.**, Kruse, O., Schweckendiek, J., & Stark, R. (2015). Increased skin conductance responses and neural activity during fear conditioning are associated with a repressive coping style. *Frontiers in Behavioral Neuroscience*, doi: 10.3389/fnbeh.2015.00132. IF: 3.3.
- 26.) Stark, R., Kagerer, S., Walter, B., Vaitl, D., **Klucken, T.**, & Wehrum, S. (2015). Trait Sexual Motivation Questionnaire: Concept and validation, *The Journal of Sexual Medicine*, *12*, 1080–1091. IF: 3.1.

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- 25.) Wehrum, S., **Klucken, T.**, Kagerer, S., Walter, B., Hermann, A., Vaitl, D., & Stark, R. (2014). At the second glance: Stability of neural responses towards visual sexual stimuli. *The Journal of Sexual Medicine*, *11*, 2720–2737. IF: 3.1.
- 24.) Kagerer, S., Wehrum, S., **Klucken, T.**, Walter, B., Vaitl, D., & Stark, R. (2014). Sex attracts: Investigating individual differences in attentional bias to sexual stimuli. *Plos One*, doi: 10.1371/journal.pone.0107795. IF: 3.4.

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- 23.) **Klucken, T.***, Alexander, N.*, Schweckendiek, J., Merz, C. J., Kagerer, S., Osinsky, R., Walter, B., Vaitl, D., Hennig, J., & Stark, R. (2013). Individual differences in neural correlates of fear conditioning as a function of 5-HTTLPR and stressful life events. *Social Cognitive and Affective Neuroscience*, *8*, 318–325. IF: 4.9.
- 22.) **Klucken, T.**, Schweckendiek, J., Merz, C. J., Vaitl, D., & Stark, R. (2013). Neuronal, electrodermal, and evaluative responses in disgust extinction. *Behavioral Neuroscience*, *127*, 380–386. IF: 2.8.
- 21.) **Klucken, T.**, Wehrum, S., Schweckendiek, J., Merz, C. J., Kagerer, S., Hennig, J., Vaitl, D., & Stark, R. (2013). The 5-HTTLPR polymorphism is associated with facilitated appetitive conditioning. *Human Brain Mapping*, *34*, 2549–2560. IF: 5.1.
- 20.) Merz, C. J., Wolf, O. T., Schweckendiek, J., **Klucken, T.**, Vaitl, D., & Stark, R. (2013). Stress differentially affects fear conditioning in men and women. *Psychoneuroendocrinology*, *38*, 2529–2541. IF: 5.4.
- 19.) Schweckendiek, J., **Klucken, T.**, Merz, C. J., Walter, B., Vaitl, D., & Stark, R. (2013). Learning to like disgust. *Frontiers of Neuroscience*, 10.3389/fnhum.2013.00346. IF: 4.0.
- 18.) Wehrum, S., **Klucken, T.**, Kagerer, S., Walter, B., Hermann, A., Vaitl, D., & Stark, R. (2013). Why sex is on my mind: Gender commonalities and differences in the neural processing of visual sexual stimuli. *Journal of Sexual Medicine*, *10*, 1328–1342. IF: 3.1.

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- 17.) **Klucken, T.**, Schweckendiek, J., Koppe, G., Merz, C. J., Kagerer, S., Walter, B., Sammer, G., Vaitl, D., & Stark, R. (2012). Neural correlates of disgust- and fear-conditioned responses. *Neuroscience*, *201*, 209–218. IF: 3.3.

- 16.) Alexander, N.*, **Klucken, T.***, Koppe, G., Osinsky, R., Walter, B., Vaitl, D., Sammer, G., Stark, R., & Hennig, J. (2012). Interaction of 5-HTTLPR and environmental adversity: increased amygdala-hypothalamus connectivity as a potential mechanism linking neural and endocrine hyper-reactivity. *Biological Psychiatry*, *72*, 49–56. IF: 10.6.
- 15.) Merz, C. J., Tabbert, K., Schweckendiek, J., **Klucken, T.**, Vaitl, D., Stark, R., & Wolf, O. T. (2012). Neuronal correlates of extinction learning are modulated by sex hormones. *Social Cognitive and Affective Neuroscience*, *7*, 809–830. IF: 4.9.
- 14.) Merz, C. J., Tabbert, K., Schweckendiek, J., **Klucken, T.**, Vaitl, D., Stark, R., & Wolf, O. T. (2012). Oral contraceptive usage alters the effects of cortisol on implicit fear learning. *Hormones and Behavior*, *62*, 531–538. IF: 4.0.

2011

- 13.) Kagerer, S., **Klucken, T.**, Wehrum, S., Zimmermann, M., Schienle, A., Walter, B., Vaitl, D., & Stark, R. (2011). Neural Activation Toward Erotic Stimuli in Homosexual and Heterosexual Males. *The Journal of Sexual Medicine*, *8*, 3132–3143. IF: 3.1.
- 12.) Schweckendiek, J., **Klucken, T.**, Merz, C. J., Tabbert, K., Walter, B., Ambach, W., Vaitl, D., & Stark, R. (2011). Weaving the (neuronal) web: fear learning in spider phobia. *NeuroImage*, *54*, 681–688. IF: 6.8.
- 11.) Tabbert, K., Merz, C. J., **Klucken, T.**, Schweckendiek, J., Vaitl, D., Wolf, O. T., & Stark, R. (2011). Influence of contingency awareness on neural, electrodermal and evaluative responses during fear conditioning. *Social Cognitive and Affective Neuroscience*, *6*, 495–506. IF: 4.9.

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- 10.) **Klucken, T.**, Brouwer, A.-M., Chatziastros, A., Kagerer, S., Netter, P., & Hennig, J. (2010). The impact of coping style on gaze duration. *Plos One*, *5*, e15395. IF: 3.4.
- 9.) Merz, C. J., Tabbert, K., Schweckendiek, J., **Klucken, T.**, Vaitl, D., Stark, R., & Wolf, O. T. (2010). Investigating the impact of sex and cortisol on implicit fear conditioning with fMRI. *Psychoneuroendocrinology*, *35*, 33–46. IF: 5.4.
- 8.) Tabbert, K., Merz, C. J., **Klucken, T.**, Schweckendiek, J., Vaitl, D., Wolf, O. T., & Stark, R. (2010). Cortisol enhances neural differentiation during fear acquisition and extinction in contingency aware young women. *Neurobiology of Learning and Memory*, *94*, 392–401. IF: 3.6.

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- 7.) **Klucken, T.**, Tabbert, K., Schweckendiek, J., Merz, C. J., Kagerer, S., Vaitl, D., & Stark, R. (2009). Contingency learning in human fear conditioning involves the ventral striatum. *Human Brain Mapping*, *30*, 3636–3644. IF: 5.1.
- 6.) **Klucken, T.**, Kagerer, S., Schweckendiek, J., Tabbert, K., Vaitl, D., & Stark, R. (2009). Neural, electrodermal and behavioral response patterns in contingency aware and unaware subjects during a picture-picture conditioning paradigm. *Neuroscience*, *158*, 721–731. IF: 3.3.
- 5.) **Klucken, T.**, Schweckendiek, J., Merz, C. J., Tabbert, K., Walter, B., Kagerer, S., Vaitl, D., & Stark, R. (2009). Neural activations of the acquisition of conditioned sexual arousal: effects of contingency awareness and sex. *The Journal of Sexual Medicine*, *6*, 3071–3085. IF: 3.1.

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- 4.) Jahn, K., Kempt, H., B., Eiler, T. J., Heger, O., Gruenewald, A., Machulska, A., **Klucken, T.** et al. (2020). More than Ticking Off a Checklist? Towards an Approach for Quantifying the Effectiveness of Responsible Innovation in the Design Process. *Proceedings of the International Conference on Wirtschaftsinformatics*. 311–320, GITO Verlag.
- 3.) **Klucken, T.** (2017). Folgen von Psychotherapie: Ausgewählte Aspekte im Kontext der Wirksamkeitsforschung. In Weinbach, H., Coelen, T., Dollinger, B., Munsch, C., Rohrmann, A. (Eds.), *Folgen sozialer Hilfen: Theoretische und empirische Zugänge*. Weinheim: Beltz.
- 2.) Stark, R., & **Klucken, T.** (2017). Neuroscientific Approaches to (Online) Pornography Addiction. In Reuter, M., & Montag, C. (Eds.), *Internet Addiction*. New York: Springer.
- 1.) **Klucken, T.** (2013). Neurobiologische Grundlagen der appetitiven Konditionierung. In Stirn, A., Stark, R., Tabbert, L., Wehrum, S., & Oddo, S. (Eds.), *Sexualität, Körper und Neurobiologie: Grundlagen und Störungsbilder im interdisziplinären Fokus*. Stuttgart: Kolhammer.

*: geteilte Autorenschaften