

## PUBLICATIONS

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### Peer-reviewed articles:

#### 2023 & in press

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

#### 2022

Planert, J.#, **Machulska, A.#**, Hildebrand, A. S., 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 trial. *Trials*, 23(1), 426. <https://doi.org/10.1186/s13063-022-06366-x>

Hildebrand, A. S., 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*, 23(1), 395. <https://doi.org/10.1186/s13063-022-06320-x>

**Machulska, A.**, Kleinke, K., & Klucken, T. (2022). Same same, but different: A psychometric examination of three frequently used experimental tasks for cognitive bias assessment in a sample of healthy young adults. *Behavior research methods*, 10.3758/s13428-022-01804-9. Advance online publication. <https://doi.org/10.3758/s13428-022-01804-9>

**Machulska, A.**, Rinck, M., Klucken, T., Kleinke, K., Wunder, J. C., Remeniuk, O., & 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(1), 105–121. <https://doi.org/10.1007/s00213-021-06058-5>

#Equal contribution.

#### 2021

**Machulska, A.**, Roesmann, K., Eiler, T. J., Gruenewald, A., Brueck, R., & Klucken T. (2021). Der Einsatz von Virtueller Realität in der Psychotherapeutischen Praxis: Aktueller Forschungsstand, Chancen, Risiken und Herausforderungen. *Psychotherapie Forum*, DOI: 10.1007/s00729-021-00185-2.

Zlomuzica, A., Lange, M., Reher, S., **Machulska, A.**, & Rinck, M. (2021). The effects of psychological stress on approach tendencies for smoking-related cues in smokers. *The*

*European journal of neuroscience*, 10.1111/ejn.15295. Advance online publication. <https://doi.org/10.1111/ejn.15295>

**Machulska, A.**, Eiler, T.J., Kleinke, K., Grünewald, A., Brück, R., Jahn, K., Niehaves, B., & Klucken, T. (2021). Approach Bias Retraining through Virtual Reality in Smokers Willing to Quit Smoking: A Randomized Control Study. *Behaviour Research and Therapy*, 141, 103858.

## 2020

**Machulska, A.**, Eiler, T.J., Grünewald, A., Brück, 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, 227.

## 2019

**Machulska, A.**, Kleinke, K., Eiler, T.J., Grünewald, A., Brück, 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*, 20, 720. doi.org/10.1186/s13063-019-3835-0

## 2018

Zlomuzica, A., Woud, M.L., **Machulska, A.**, Kleimt, K., Dietrich, L., Wolf, O.T., Assion, H.-J., Huston, J.P., De Souza Silva, M.A., Dere, E. & Margraf, J. (2018). Deficits in episodic memory and mental time travel in patients with post-traumatic stress disorder. *Prog Neuropsychopharmacol Biol Psychiatry*, 83, 42-54. doi: 10.1016/j.pnpbp.2017.12.014.

Zlomuzica, A., **Machulska, A.**, Roberts, S., von Glischinski, M., Rinck, M., Lester, K. J., Eley, T. C., & Margraf, J. (2018). The dopamine D2 receptor mediates approach-avoidance tendencies in smokers. *European Archives of Psychiatry and Clinical Neuroscience*, 268, 261-268. doi: 10.1007/s00406-017-0793-y

## 2016

**Machulska, A.**, Zlomuzica, A., Rinck, M., Assion, H.-J., & Margraf, J. (2016). Approach bias modification in inpatient psychiatric smokers. *Journal of Psychiatric Research*, 76, 44-51. doi:10.1016/j.jpsychires.2015.11.015

## 2015

**Machulska, A.#**, Zlomuzica, A.#, Adolph, D., Rinck, M., & Margraf, J. (2015). “A cigarette a day keeps the goodies away”: Smokers show automatic approach tendencies for smoking- but not for food-related stimuli. *PlosOne*, *10*, e0116464. doi:10.1371/journal.pone.0116464\*

#Equal contribution.

## 2014

Zlomuzica, A., Dere, D., **Machulska, A.**, Adolph, D., Dere, E. & Margraf, J. (2014). Episodic memories in anxiety disorders: Clinical implications. *Frontiers in Behavioral Neuroscience*, *8*, 1-19.

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