

PUBLICATIONS

Aktuelle Kennzahlen (03/2024):

h-index: 10 | Zitationen: 438

Impact-Faktoren (IF) basieren auf dem Jahr 2022 (wenn verfügbar)

Google-Scholar-Profil:

https://scholar.google.com/citations?view_op=list_works&hl=de&user=N7ofjkcAAAAJ

Peer-reviewed articles:

2024 & in press

24. **Machulska, A.**, Woud, M. L., Brailovskaia, J., Margraf, J., & Klucken, T. (2024). Nicotine-related interpretation biases in cigarette smoking individuals. *Scientific reports*, *14*(1), 4796. <https://doi.org/10.1038/s41598-024-55256-6>. IF 4.6.

23. Hildebrand, A., Planert, J., **Machulska, A.**, Margraf, L., Roesmann, K., & Klucken, T. (under review). Exploring psychotherapists' attitudes on internet- and mobile-based interventions: A thematic analysis. *JMIR*. IF: 7.4.

2023

22. **Machulska, A.**, Eiler, T. J., Haßler, B., Kleinke, K., Brück, R., Jahn, K., Niehaves, B., & Klucken, T. (2023). Mobile phone-based approach bias retraining for smokers seeking abstinence: A randomized-controlled study. *International Journal of Mental Health and Addiction*. Advance online publication. <https://doi.org/10.1007/s11469-023-01107-w>. IF: 8.0.

21. **Machulska, A.**, Kleinke, K., & Klucken, T. (2023). 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*, *55*(3), 1332–1351. <https://doi.org/10.3758/s13428-022-01804-9>. IF: 6.0.

20. Exner, A., **Machulska, A.**, Stalder, T., & Klucken, T. (2023). Biased information processing and emotional coping: Differences in attentional and approach patterns towards positive cues in repressors. *Current Psychology*, *42*, 30412–30421. <https://doi.org/10.1007/s12144-022-04087-7>. IF: 4.3.

2022

19. **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>. IF: 3.4.

18. 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>. IF: 2.5.

#Equal contribution.

17. 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>. IF: 2.5.

16. 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*, 7, 376–401. <https://doi.org/10.1108/INTR-12-2020-0712>. IF: 7.6.

2021

15. **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. <https://doi.org/10.1016/j.brat.2021.103858>. IF: 5.3.

14. **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. *Psychotherapie Forum*, <https://doi.org/10.1007/s00729-021-00185-2>.

13. 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>. IF: 3.4.

12. 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*, 119, 106702. <https://doi.org/10.1016/j.chb.2021.106702>. IF: 10.1.

11. 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. In: Pietka, E., Badura, P., Kawa, J., Wieclawek, W. (eds) *Information Technology in Biomedicine. Advances in Intelligent Systems and Computing*, vol 1186. Springer, Cham. https://doi.org/10.1007/978-3-030-49666-1_27. IF: 2.9.

10. Eiler, T. J., Schmuecker, V., Hassler, B., **Machulska, A.**, Gruenewald, A., Klucken, T., et al. (2021). Improving the Approach-Avoidance Task in Virtual Reality Through Presence and Virtual Risk Situations. *IEEE*, 184–188, <https://doi.org/10.1109/AIVR52153.2021.00041>. IF: 16.4.

2020

9. **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. <https://doi.org/10.1186/s13063-020-4098-5>. IF: 2.5.

8. 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. <https://doi.org/10.1515/cdbme-2020-3145>

2019

7. **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. <https://doi.org/10.1186/s13063-019-3835-0>. IF: 2.5.

6. 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. IF: 2.9.

2018

5. 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. <https://doi.org/10.1016/j.pnpbp.2017.12.014>. IF: 5.6.

4. 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. <https://doi.org/10.1007/s00406-017-0793-y>. IF: 4.7.

2016

3. **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. <https://doi.org/10.1016/j.jpsychires.2015.11.015>. IF: 5.0.

2015

2. **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. <https://doi.org/10.1371/journal.pone.0116464>*. IF: 3.7.

#Equal contribution.

2014

1. 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, 131. <https://doi.org/10.3389/fnbeh.2014.00131>. IF: 4.6.

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