

## Publications Matthias Brand

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### *Articles in journals with peer-review*

1. Liebherr, M., Brandtner, A., **Brand, M.**, & Tang, Y.-Y. (2024). Digital mindfulness training and cognitive functions: A preregistered systematic review of neuropsychological findings. *Annals of the New York Academy of Sciences*, 1-13 (online first).
2. Antons, S., Büsche, K., Mallon, L., Wolf, O.T., Diers, M., & **Brand, M.** (2023). Stress susceptibility, affective responses toward acute stressors and emotion regulation strategies in the context of problematic pornography use. *Sexual Health & Compulsivity*, 30, 231-251.
3. Antons, S., Liebherr, M., **Brand, M.**, & Brandtner, A. (2023). From game engagement to craving responses – The role of gratification and compensation experiences during video-gaming in casual and at-risk gamers. *Addictive Behaviors Reports*, 18, 100520.
4. Antons, S., Yip., S.W., Lacadie, C.M., Dadashkarimi, J., Scheinost, D., **Brand, M.**, & Potenza, M.N. (2023). Connectome-based prediction of craving in gambling disorder and cocaine use disorder, *Dialogues in Clinical Neuroscience*, 25, 33-42.
5. **Brand, M.**, & Potenza, M.N. (2023). Behavioral addictions in the ICD-11: An important debate that is anticipated to continue for some time [Commentary]. *Journal of Behavioral Addictions*, 12, 585-589.
6. **Brand, M.**, & Müller, A. (2023). Addictive behaviors in the context of buying-shopping and hoarding disorders: Integrating components and psychological processes [Commentary]. *Clinical Psychology: Science and Practice*, 30, 83-87.
7. Brandtner, A., Müller, S.M., & **Brand, M.** (2023). How expected and experienced reward and relief contribute to gaming-related mental imagery and gaming frequency in daily life: Testing a dual pathway hypothesis. *Journal of Behavioral Addictions*, 12, 775-785.
8. Diers, M., Müller, S.M., Mallon, L., Schmid, A.M., Thomas, T.A., Klein, L., Krikova, K., Stark, R., Wegmann, E., Steins-Loeber, S., **Brand, M.**, & Antons, S. (2023). Cue-reactivity to distal cues in individuals at risk for gaming disorder. *Comprehensive Psychiatry*, 125, 152399.
9. Kessler, A., Schmidt, L.D., **Brand, M.**, & Wegmann, E. (2023). Implicit cognitions in problematic social network use [Viewpoint Article]. *Journal of Behavioral Addictions*, 12, 590-598.
10. Müller, A., Laskowski, N.M., Thomas, T.A., Antons, S., Tahmassebi, N., Steins-Loeber, S., **Brand, M.**, & Georgiadou, E. (2023). Update on treatment studies for compulsive buying-shopping disorder: A systematic review. *Journal of Behavioral Addictions*, 12, 631-651.
11. Müller, S.M., Antons, S., Wegmann, E., Ioannidis, K., King, D.L., Potenza, M. N., Chamberlain, S.R., & **Brand, M.** (2023). A systematic review and meta-analysis of risky decision-making in specific domains of problematic use of the

- internet: Evidence across different decision-making tasks. *Neuroscience and Biobehavioral Reviews*, 152, 105271.
12. Müller, S.M., Antons, S., & **Brand, M.** (2023). Facets of impulsivity in gaming disorder: A narrative review. *Current Addiction Reports*, 10, 737-748.
  13. Wegmann, E., Schiebener, J., & **Brand, M.** (2023). Social-networks use as adaptive or maladaptive strategy for coping with stress. *Scientific Reports*, 13, 11895.
  14. Antons, S., Engel, J., Briken, P., Krüger, T.H., **Brand, M.**, & Stark, R. (2022). Treatments and interventions for compulsive sexual behavior disorder with a focus on problematic pornography use: A preregistered systematic review. *Journal of Behavioral Addictions*, 11, 643-666.
  15. **Brand, M.** (2022). Can internet use become addictive? *Science*, 376, 798-799.
  16. **Brand, M.** (2022). Behavioral addictions – A world-renowned addiction researcher takes a look at the past, the present and the future [Interview with Marc N. Potenza]. *SUCHT*, 68, 301-303.
  17. **Brand, M.**, Potenza, M.N., & Stark, R. (2022). Theoretical models of types of problematic usage of the Internet: when theorists meet therapists. *Current Opinion in Behavioral Sciences*, 45, 101119.
  18. **Brand, M.**, Rumpf, H.-J., Demetrovics, Z., Müller, A., Stark, R., King, D.L., Goudriaan, A.E., Mann, K., Trotzke, P., Fineberg, N.A., Chamberlain, S.R., Kraus, S.W., Wegmann, E., Billieux, J., & Potenza, M.N. (2022). Which conditions should be considered as disorders in the International Classification of Diseases (ICD-11) designation of “other specified disorders due to addictive behaviors”? *Journal of Behavioral Addictions*, 11, 150-159.
  19. Brandtner, A., Antons, S., King, D.L., Potenza, M.N., Tang, Y.Y., Blycker, G.R., **Brand, M.**, & Liebherr, M. (2022). A pre-registered, systematic review considering mindfulness-based interventions and neurofeedback for targeting affective and cognitive processes in behavioral addictions. *Clinical Psychology: Science and Practice*, 29, 379-392.
  20. Brandtner, A., Antons, S., Liebherr, M., & **Brand, M.** (2022). How different gaming genres can be described by required skills and motives for playing. *Cyberpsychology, Behavior and Social Networking*, 25, 613-619.
  21. Büsche, K., Stark, R., **Brand, M.**, & Antons, S. (2022). Self-regulatory Processes in Problematic Pornography Use. *Current Addiction Reports*, 9, 344-352.
  22. Castro-Calvo, J., Flayelle, M., Perales, J.C., **Brand, M.**, Potenza, M.N., & Billieux, J. (2022). Compulsive sexual behavior disorder should not be classified by solely relying on component/symptomatic features [Commentary]. *Journal of Behavioral Addictions*, 11, 210-215.
  23. Fineberg, N. A., J. M. Menchón, N. Hall, B. Dell’Osso, **M. Brand**, M. N. Potenza, S. R. Chamberlain, G. Cirnigliaro, C. Lochner, J. Billieux, Z. Demetrovics, H.-J. Rumpf, A. Müller, J. Castro-Calvo, E. Hollander, J. Burkauskas, E. Grünblatt, S. Walitza, O. Corazza, D. L. King, D. J. Stein, J. E. Grant, S. Pallanti, H. Bowden-Jones, M. V. Ameringen, K. Ioannidis, L. Carmi,

- A. E. Goudriaan, G. Martinotti, C. M. D. Sales, J. Jones, B. Gjoneska, O. Király, B. Benatti, M. Vismara, L. Pellegrini, D. Conti, I. Cataldo, G. M. Riva, M. Yücel, M. Flayelle, T. Hall, M. Griffiths, & J. Zohar (2022). Advances in problematic usage of the internet research – A narrative review by experts from the European network for problematic usage of the internet. *Comprehensive Psychiatry*, *118*, 152346.
24. Granero, R., Fernández-Aranda, F., Lara-Huallipe, M.L., Gómez-Peña, M., Moragas, L., Baenas, I., Müller, A., **Brand, M.**, Sisquellas, C., & Jiménez-Murcia, S. (2022). Latent classes for the treatment outcomes in women with gambling disorder and buying/shopping disorder. *Journal of Clinical Medicine*, *11*, 3917.
  25. Klein, S., Krikova, K., Antons, S., **Brand, M.**, Klucken, T., & Stark, R. (2022). Reward responsiveness, learning, and valuation implicated in problematic pornography use — A Research Domain Criteria perspective. *Current Addiction Reports*, *9*, 114-125.
  26. Liebherr, M., Kohler, M., Brailovskaia, J., **Brand, M.**, & Antons, S. (2022). Screen time and attention subdomains in children aged 6 to 10 years. *Children*, *9*, 1393.
  27. Mestre-Bach, G., Granero, R., Casalé-Salayet, G., Fernández-Aranda, F., Müller, A., **Brand, M.**, Gómez-Peña, M., Moragas, L., Sánchez, I., Camacho-Barcia, L., Villena, A., Lara-Huallipe, M.L., & Jiménez-Murcia, S. (2022). Motherhood and treatment outcome in female patients with compulsive buying-shopping disorder. *International Journal of Environmental Research and Public Health*, *19*, 7075.
  28. Müller, A., & **Brand, M.** (2022). Verhaltenssuchte – Ein aktuelles und wichtiges Thema [Editorial]. *SUCHT*, *68*, 249-250.
  29. Müller, A., Georgiadou, E., Birlin, A., Laskowski, N.M., Jiménez-Murcia, S., Fernández-Aranda, F., Hillemacher, T., de Zwaan, M., **Brand, M.**, & Steins-Loeber, S. (2022). The relationship of shopping-related decisions with materialistic values endorsement, compulsive buying-shopping disorder symptoms and everyday moral decision making. *International Journal of Environmental Research and Public Health*, *19*, 4376.
  30. Müller, S.M., Wegmann, E., Garcia Arías, M., Bernabéu Brotóns, E., Marchena Giráldez, C., & **Brand, M.** (2022). Decision making and risk propensity in individuals with tendencies towards specific Internet-use disorders. *Brain Sciences*, *12*, 201.
  31. Müller, S.M., Wegmann, E., Oelker, A., Stark, R., Müller, A., Montag, C., Wölfling, K., Rumpf, H.-J., & **Brand, M.** (2022). Assessment of Criteria for Specific Internet-use Disorders (ACSID-11): Introduction of a new screening instrument capturing ICD-11 criteria for gaming disorder and other potential Internet-use disorders. *Journal of Behavioral Addictions*, *11*, 427-450.
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  33. Schmidt, L.D., Wegmann, E., Bischof, A., Klein, L., Zhou, C., Rozgonjuk, D., Kannen, C., Borgwardt, S., **Brand, M.**, Montag, C., & Rumpf, H.-J. (2022).

- Implicit cognitions, use expectancies and gratification in social-networks-use disorder and tobacco use disorder. A Study Protocol. *SUCHT*, 68, 279-291.
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  35. Antons, S., & **Brand, M.** (2021). Diagnostic and classification considerations related to compulsive sexual behavior disorder and problematic pornography use. *Current Addiction Reports*, 8, 452-457.
  36. Bottel, L., **Brand, M.**, Dieris-Hirche, J., Herpertz, S., Timmesfeld, N., & te Wildt, B.T. (2021). Efficacy of short-term telemedicine motivation-based intervention for individuals with Internet Use Disorder – A pilot-study. *Journal of Behavioral Addictions*, 10, 1005-1014.
  37. **Brand, M.** (2021). Verhaltenssuchte: Theoretische Modelle. *Psychotherapeut*, 66, 84-90.
  38. **Brand, M.**, Stark, R., & Klucken, T. (2021). DFG-Research Unit (FOR) 2974 “Affective and cognitive mechanisms of specific Internet-use disorders (ACSID)”. *neuroforum*.
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  40. **Brand, M.**, & Potenza, M.N. (2021). How theoretical models can inspire advances in research and clinical practice: The example of behavioral addictions. *SUCHT*, 67, 187-194.
  41. Brandtner, A., Antons, S., Cornil, A., & **Brand, M.** (2021). Integrating desire thinking into the I-PACE model: A special focus on Internet-use disorders. *Current Addiction Reports*, 8, 459-468.
  42. Brandtner, A., & **Brand, M.** (2021). Fleeing through the mind's eye: Desire thinking as a maladaptive coping mechanism among specific online activities. *Addictive Behaviors*, 120, 106957.
  43. Castro-Calvo, J., King, D.L., Stein, D.J., **Brand, M.**, Carmi, L., Chamberlain, S.R., Demetrovics, Z., Fineberg, N.A., Rumpf, H.-J., Yücel, M., Achab, S., Ambekar, A., Bahar, N., Blaszczyński, A., Bowden-Jones, H., Carbonell, X., Chan, E.M.L., Ko, C.H., de Timary, P., Dufour, M., Grall-Bronnec, M., Lee, H.K., Higuchi, S., Jimenez-Murcia, S., Király, O., Kuss, D.J., Long, J., Müller, A., Pallanti, S., Potenza, M.N., Rahimi-Movaghar, A., Saunders, J.B., Schimmenti, A., Lee, S.Y., Siste, K., Spritzer, D.T., Starcevic, V., Weinstein, A.M., Wölfling, K., & Billieux, J. (2021). Expert appraisal of criteria for assessing gaming disorder: an international Delphi study. *Addiction*, 116, 2463-2475.
  44. Döring, N., Krämer, N., Mikhailova, V., **Brand, M.**, Krüger, T.H.C., & Vowe, G. (2021). Sexual Interaction in digital contexts and its implications for sexual health: A conceptual analysis. *Frontiers in Psychology*, 12, 769732.

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54. Mueller, S.M., Wegmann, E., García Arías, M., Bernabéu Brotóns, E., Marchena Giráldez, C., & **Brand, M.** (2021). Deficits in executive functions but not in decision making under risk in individuals with problematic social-network use. *Comprehensive Psychiatry*, *106*, 152228.
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