

Publikationen von Christian Montag

A) Veröffentlichungen in englischsprachigen "peer-reviewed" Fachzeitschriften

Zitationen: 8567, H-Index: 55 (Google Scholar, Stand 04.01.2021)

RG-Score: 44.68 (Quelle: Research Gate, Stand 04.01.2021)

71 = Erstautorenschaften

86 = Senior-Autorenschaften

93 = Co-Autorenschaften

* geteilte Erst-Autorenschaft

*geteilte Seniorenautorenschaft

- 250) Peterka-Bonetta, J., Sindermann, C., Elhai, J. D. & **Montag, C.** (in press). How objectively measured Twitter and Instagram use relate to self-reported personality and tendencies towards Internet Use/Smartphone Use Disorder. *Human Behavior and Emerging Technologies*.
- 249) Sindermann, C., Yang, H., Liu, T., Elhai, J. D., **Montag, C.** (in press). WeChat - Its Problematic Use and Relations with the Big Five Personality Traits and Fear of Missing Out. *Journal of Technology in Behavioral Science*.
- 248) **Montag, C.**, Wegmann, E., Sariyska, R., Demetrovics, Z. & Brand, M. (in press). How to overcome taxonomical problems in the study of technology related use disorders and what to do with "smartphone addiction"? *Journal of Behavioral Addictions*.
- 247) Elhai, J. D., McKay, D., Yang, H., Minaya, C., **Montag, C.**, & Asmundson, G. J. G. (in press). Health anxiety related to problematic smartphone use and gaming disorder severity during COVID-19: Fear of missing out as a mediator. *Human Behavior and Emerging Technologies*.
- 246) Sindermann, C., Riedl, R., Elhai, J. D. & **Montag, C.** (in press). Linking the Technology Acceptance Model to Smartphone Use Disorder: Results of a Survey Study. *Digital Psychology*.
- 245) Rozgonjuk, D., Sindermann, C., Elhai, J. D., **Montag, C.** (in press). Comparing smartphone, WhatsApp, Facebook, Instagram, and Snapchat: Which platform elicits the greatest use disorder symptoms? *Cyberpsychology, Behavior and Social Networking*.
- 244) De Hesselle, L., Rozgonjuk, D., Sindermann, C. & **Montag, C.** (in press). The associations between Big Five personality traits, gaming motives, and self-reported time spent on gaming. *Personality and Individual Differences*.
- 243) Sindermann, C., Lachmann, B., Elhai, J. D. & **Montag, C.** (in press). Personality associations with WhatsApp usage and usage of alternative messaging applications to protect one's own data. *Journal of Individual Differences*.
- 242) Ferentzi, E., Mai, S., Geiger, M., Köteles, F., **Montag, C.** & Pollatos, O. (in press). Interaction between sex and cardiac interoceptive accuracy in measures of induced pain. *Frontiers in Psychology*.
- 241) Kou, J., Zhang, Y., Zhou, F., Sindermann, C., **Montag, C.**, Becker, B. & Kendrick, K. M. (in press). A randomized trial shows dose-frequency and genotype may determine the therapeutic efficacy of intranasal oxytocin. *Psychological Medicine*.
- 240) Stuckenschneider, T., Sanders, M. L., Devenney, K. E., Aaronson, J. A., Abeln, V., Claassen, J., Guinan, E., Lawlor, B., Meeusen, R., **Montag, C.**, Olde Rikkert, M. G. M., Polidori, M. C., Reuter, M., Schultz, R. J., Vogt, T., Weber, B., Kessels, R. P. C., Schneider, S., on behalf of the NeuroExercise Study Group (in press). NeuroExercise: The effect of a 12-month exercise intervention on cognition in mild cognitive impairment -a multicenter randomized controlled trial. *Frontiers in Aging Neuroscience*.

- 239) Wernicke, J. & **Montag, C.** (in press). Gaming during childhood – Do relations with parental gaming and childrens' ADHD-tendencies exist? *Psychotherapeut*.
- 238) Schivinski, B., Brzozowska-Woś, M., Stansbury, E., Satel, J., **Montag, C.** & Pontes, H. M. (2020). Exploring the role of social media use motives, psychological well-being, self-esteem, and affect in problematic social media use. *Frontiers in Psychology, 11*, 617140.
- 237) Rozgonjuk, D., Sindermann, C., Elhai, J. D., & Montag, C. (2020). Individual differences in Fear of Missing Out (FoMO): Age, gender, and the Big Five personality trait domains, facets, and items. *Personality and Individual Differences, 110*546.
- 236) Chen, Y., Li, Q., Zhang, Q., Kou, J., Zhang, Y., Cui, H., Wernicke, J., **Montag, C.**, Becker, B., Kendrick, K. M. & Yao, S. (2020). The Effects of Intranasal Oxytocin on Neural and Behavioral Responses to Social Touch in the Form of Massage. *Frontiers in neuroscience, 14*, 1286.
- 235) **Montag, C.**, & Elhai, J. D. (2020). Discussing digital technology overuse in children and adolescents during the COVID-19 pandemic and beyond: On the importance of considering Affective Neuroscience Theory. *Addictive Behaviors Reports, 12*, 100313.
- 234) Marengo, D.*, Montag, C.*, Sindermann, C., Elhai, J. D., & Settanni, M. Examining the links between active Facebook use, received likes, self-esteem and happiness: A study using objective social media data. *Telematics and Informatics, 58*, 101523.
- 233) Spiegelberg, N., Breuer, S., Nielsen, J., Saliger, J., **Montag, C.**, Karbe, H. & Markett, S. (2020). Cognitive fatigue predicts cognitive failure in MS patients and healthy controls: a case-control study. *Archives of Clinical Neuropsychology, acaa118*.
- 232) **Montag, C.** & Hegelich, S. (2020). Understanding detrimental aspects of social media use: will the real culprits please stand up? *Frontiers in Sociology, 5*, 599270.
- 231) Marengo, D., Sindermann, C., Häckel, D., Settanni, M., Elhai, J. D. & **Montag, C.** (2020). The Association between the Big Five Personality Traits and Smartphone Use Disorder: A Meta-Analysis. *Journal of Behavioral Addictions, 9*(3), 534-550.
- 230) Wang, Y., Yang, H., **Montag, C.**, & Elhai, J. D. (2020). Boredom proneness and rumination mediate relationships between depression and anxiety with problematic smartphone use severity. *Current Psychology*.
- 229) Zhou, X., Wu, R., Liu, C., Kou, J., Chen, Y., Pontes, H. M., Yao, D., Kendrick, K. M., Becker, B.+ & **Montag, C.+** (2020). Higher levels of (Internet) Gaming Disorder symptoms according to the WHO and APA frameworks associate with lower striatal volume. *Journal of Behavioral Addictions, 9*(3), 598-605.
- 228) Chen, Y., Becker, B. Zhang, Y, Cui, H., Du, J., Wernicke, J., **Montag, C.**, Kendrick, K. M. & Yao, S. (2020). Oxytocin increases the pleasantness of affective touch and orbitofrontal cortex activity independent of valence. *European Neuropsychopharmacology, 39*, 99-110.
- 227) Wernicke, J., Zhang, Y., Felten, A., Du, J., Chen, Y., Yao, S., Kou, J., Kendrick, K.M., Becker, B., Reuter, M. & **Montag, C.** (2020). Blood oxytocin levels are not associated with ADHD tendencies and emotionality in healthy adults. *Neuroscience Letters, 738*, 135312.
- 226) Sindermann, C., Sha, P., Zhou, M., Wernicke, J., Schmitt, H., Li, M., Sariyska, R., Stavrou, M., Becker, B. & **Montag, C.** (2020). Assessing the attitude towards artificial intelligence: Introduction of a short measure in German, Chinese and English language. *Künstliche Intelligenz, 1-10*.
- 225) Yu, F., Sariyska, R., Lachmann, B., Wang, Q., Reuter, M., Weber, B., Trautner, P., Yao, S., **Montag, C.+** & Becker, B.+ (2020). Convergent cross-sectional and longitudinal evidence for gaming-cue specific posterior parietal dysregulations in early stages of Internet Gaming Disorder. *Addiction Biology*. <https://doi.org/10.1111/adb.12933>

- 224) Rozgonjuk, D., Sindermann, C., Elhai, J. D., Christensen, A. P., & Montag, C. (2020). Associations between symptoms of problematic smartphone, Facebook, WhatsApp, and Instagram use: An item-level exploratory graph analysis perspective. *Journal of Behavioral Addictions*, 9(3), 686-697.
- 223) **Montag, C.**, Dagum, P. & Elhai, J. D. (2020). On the need of digital phenotyping to get insights into mental states in the COVID-19 pandemic. *Digital Psychology*, 1(2), 40-42.
- 222) Liu, C., Xu, L., Li, J., Zhou, F., Yang, X., Zheng, X., Fu, M., Li, K., Sindermann, S., **Montag, C.**, Ma, Y., Scheele, D., Ebstein, R. P., Kendrick, K. M. & Becker, B. (in press). Serotonin and early life stress interact to shape brain architecture and anxious avoidant behavior – a TPH2 imaging genetics approach. *Psychological Medicine*.
- 221) Lee, H. L., Heise, V., Stirnberg, R., Wu, S., Wang, X., Stoecker, T., **Montag, C.** and Axmacher, N. (2020). Genetic Alzheimer's disease risk affects the neural mechanisms of pattern separation in hippocampal subfields. *Current Biology*, 30, 1-12.
- 220) Zhou, X., Meng, Y., Schmitt, H., **Montag, C.**, Kendrick, K. M., Becker, B. (2020). Cognitive flexibility mediates the association between early life stress and habitual behavior. *Personality and Individual Differences*, 167, 110231.
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- 218) **Montag, C.**, Ebstein, R., Jawinski, P. & Markett, S. (2020). Molecular genetics in psychology and personality neuroscience: On candidate genes, genome wide scans, and new research strategies. *Neuroscience and Biobehavioral Reviews*, 118, 163-174.
- 217) **Montag, C.**, Sindermann, C., Lester, D. & Davis, K. L. (2020). Linking individual differences in satisfaction with each of Maslow's Needs to the Big Five Personality Traits and Panksepp's Primary Emotional Systems. *Heliyon*, 6(7), e04325.
- 216) Rozgonjuk, D., Sindermann, C., Elhai, J. D. & **Montag, C.** (2020). Fear of missing out (FoMO) and social media's impact on daily life and productivity at work: do WhatsApp, Facebook, Instagram and Snapchat use disorders mediate that association? *Addictive Behaviors*, 110, 106487.
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- 214) Sindermann, C., Kuss, D. J., Throuvala, M., Griffiths, M. D. & **Montag, C.** (2020). Should we pay for our social media/messenger applications? Preliminary data on the acceptance of an alternative to the current prevailing data business model. *Frontiers in Psychology*, 11, 1415.
- 213) Schmitt, H. S., Sindermann, C., Li, M., Ma, Y., Kendrick, K. M., Becker, B. & **Montag, C.** (2020). The dark side of emotion recognition – evidence from cross-cultural research in Germany and China. *Frontiers in Psychology*, 11, 1132.
- 212) Sindermann, C., Riedl, R. & **Montag, C.** (2020). Investigating the Relationship between Personality and Technology Acceptance from a Gender Perspective. *Future Internet*, 12(7), 110.
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- 207) Marengo, D., Sindermann, C., Elhai, J. D. & **Montag, C.** (2020). One Social Media Company to Rule Them All: Associations Between Use of Facebook-Owned Social Media Platforms, Sociodemographic Characteristics, and the Big Five Personality Traits. *Frontiers in Psychology*, 11, 936.
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- 204) Markett, S., Reuter, M., Sindermann, C. & **Montag, C.** (2020). Cognitive failure susceptibility and personality: Self-directedness predicts everyday cognitive failure. *Personality and Individual Differences*, 159, 109916.
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B) Informationen über Open-Science-Unterstützung

Im Folgenden finden sich die veröffentlichten Beiträge von dem letzten Punkt A) aus meiner Arbeitsgruppe, bei welchen wir die Datensätze bereitgestellt haben und zum Teil auch eine Vor-Registrierung durch das Open-Science-Project vorliegt. Ich unterstützte die Open-Science-Bewegung, wenn dies möglich ist. Ich sitze selber in der Ethikkommission der Universität Ulm und möchte explizit auch auf Probleme hinweisen, beispielsweise wenn es um den Upload von genetischen Materialien geht oder Rohdaten von MRT-Messungen. Dies wird in unserer Ethik kontrovers diskutiert. Es entstehen besonders in diesem Bereich, Probleme die Probanden vor einer Reidentifikation durch die Daten zu schützen.

- 10) Rozgonjuk, D., Sindermann, C., Elhai, J. D. & **Montag, C.** (2020). Fear of missing out (FoMO) and social media's impact on daily life and productivity at work: do WhatsApp, Facebook, Instagram and Snapchat use disorders mediate that association? *Addictive Behaviors*, 110, 106487. (OSF: https://osf.io/tm8de/?%20view_only=d8c520e262524ec7b03fd12c5afb1a95)
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- 03) Marengo, D., Sindermann, C., Elhai, J. D. & **Montag, C.** (2020). One Social Media Company to Rule Them All: Associations Between Use of Facebook-Owned Social Media Platforms, Sociodemographic Characteristics, and the Big Five Personality Traits. *Frontiers in Psychology*,

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C) Deutschsprachige Artikel in peer-reviewed-Fachzeitschriften, Buchkapitel, Monographien, Herausgeberschaften, Tests & Sonstiges

- 48) Montag, C. & Sindermann, C. (akzeptiert). Herausforderung Digitalisierung – eine psychoneurobiologische Perspektive. In: „Berufsschulreligionsunterricht 4.0 - religiöse Bildung in einer digitalisierten Welt“.
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