

### **Publication list (peer-reviewed):**

- 23) Pischedda, D., Kaufmann, V., **Wudarczyk, O.**, Abdel Rahman, R., Hafner, V.V., Kuhlen, A., Haynes, J. (2023 – accepted). Human or AI? The Brain Knows It! A Brain-Based Turing Test to Discriminate between Human and Artificial Agents. 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)
- 22) Spatola, N., **Wudarczyk, O. A.**, Nomura, T., & Cherif, E. (2023). Attitudes Towards Robots Measure (ARM): A New Measurement Tool Aggregating Previous Scales Assessing Attitudes Toward Robots. International Journal of Social Robotics, 1-19.
- 21) **Wudarczyk, O.**, Kirtay, M., Pischedda, D., Hafner, V. V., Haynes, J. D., Kuhlen, A. K., & Abdel Rahman, R. (2021). Robots facilitate human language production. Scientific Reports, 11(1), 1-11.
- 20) Spatola, N., & **Wudarczyk, O.** (2021). Ascribing emotions to robots: Explicit and implicit attribution of emotions and perceived robot anthropomorphism. Computers in Human Behavior, 124, 106934.
- 19) Grützmann, R., Kaufmann, C., **Wudarczyk, O.**, Balzus, L., Klawohn, J., Riesel, A., ... & Kathmann, N. (2021). Error-Related Brain Activity in Patients With Obsessive-Compulsive Disorder and Unaffected First-Degree Relatives: Evidence for Protective Patterns. Biological Psychiatry Global Open Science.
- 18) **Wudarczyk, O\***, Kirtay, M\*, Kuhlen, A. K., Abdel Rahman, R., Haynes, J. D., Hafner, V. V., & Pischedda, D. (2021). Bringing Together Robotics, Neuroscience, and Psychology: Lessons Learned From an Interdisciplinary Project. Frontiers in human neuroscience, 15, 160. **\*equal contribution**
- 17) Spatola, N. & **Wudarczyk, O.**, (2020). Implicit Attitudes Towards Robots Predict Explicit Attitudes, Semantic Distance Between Robots and Humans, Anthropomorphism, and Prosocial Behavior: From Attitudes to Human–Robot Interaction. International Journal of Social Robotics, 1-11.
- 16) Kirtay, M.\* , **Wudarczyk, O.\*** , Pischedda, D.\* , Kuhlen, A., Abdel Rahman, R., Haynes, J., Hafner, V. (2020). Modeling robot co-representation: state-of-the-art, open issues, and predictive learning as a possible framework. In 2020 Joint IEEE 10th International Conference on Development and Learning and Epigenetic Robotics (ICDL-EpiRob) (pp. 1-8). IEEE. **\*equal contribution**
- 15) Jo, H., **Wudarczyk, O.**, Leclerc, M., Regenbogen, C., Lampert A., , Rothermel, M., Habel, U. (2020). Effect of odor pleasantness on heat-induced pain: An fMRI study. Brain Imaging and Behaviour, 15(3), 1300-1312.
- 14) Puiu, A. A., **Wudarczyk, O.**, Kohls, G., Bzdok, D., Herpertz-Dahlmann, B., & Konrad, K. (2020) Meta-analytic evidence for a joint neural mechanism underlying response inhibition and state anger. Human Brain Mapping, 41(11), 3147-3160.

- 13) Stickel, S., Wagels, L., **Wudarczyk, O.**, Jaffee, S., Habel, U., Schneider, F., & Chechko, N. (2019). Neural correlates of depression in women across the reproductive lifespan—An fMRI review. Journal of affective disorders, 246, 556-570.
- 12) Deuse, L., **Wudarczyk, O.**, Rademacher, L., Kaleta, P., Karges, W., Kacheva, S., ... & Lammertz, S. E. (2019). Peripheral oxytocin predicts higher-level social cognition in men regardless of empathy quotient. Pharmacopsychiatry, 52(03), 148-154.
- 11) Markett, S., **Wudarczyk, O. A.**, Biswal, B. B., Jawinski, P., & Montag, C. (2018). Affective network neuroscience. Frontiers in neuroscience, 12, 895
- 10) Honrath, P., Dogan, I., **Wudarczyk, O.**, Görlich, K. S., Votinov, M., Werner, C. J., ... & Gur, R. (2018). Risk factors of suicidal ideation in Huntington's disease: literature review and data from Enroll-HD. Journal of neurology, 265(11), 2548-2561.
- 9) Puiu, A. A., **Wudarczyk, O.**, Goerlich, K., Votinov, M., Konrad, K., Turetsky, B., Herpertz-Dahlman, B. (2018). Impulsive aggression and response inhibition in Attention-Deficit /Hyperactivity Disorder and Disruptive Behavioural Disorders: findings from a systematic review, Neuroscience and Biobehavioural Reviews; 90:231-246.
- 8) Earp, B. D., **Wudarczyk, O. A.**, Foddy, B., Savulescu, J. (2017). Addicted to love: What is love addiction and when should it be treated? Philosophy, Psychiatry & Psychology: PPP, 24(1), 77-92.
- 7) Earp, B. D., Foddy, B., **Wudarczyk, O. A.**, Savulescu, J. (2017). Love Addiction: Reply to Jenkins and Levy. Philosophy, Psychology and Psychiatry: PPP, 24 (1): 101-103.
- 6) **Wudarczyk, O. A.**, Habel, U., Turetsky, B. I., Gur, R. E., Kellermann, T., Schneider, F., Moessnang, C. (2016). Follow your nose: Implicit spatial processing within the chemosensory systems. Journal of Experimental Psychology: Human Perception and Performance, 42(11): 1780-1792.
- 5) **Wudarczyk, O. A.**, Kohn, N., Bergs, R., Goerlich, K. S., Gur, R. E., Turetsky, B., Schneider, F., Habel, U. (2016). Chemosensory anxiety cues enhance the perception of fearful faces – An fMRI study. NeuroImage, 143: 214-222.
- 4) **Wudarczyk, O. A.**, Kohn, N., Bergs, R., Gur, R. E., Turetsky, B., Schneider, F., Habel, U. (2015). Chemosensory anxiety cues moderate the experience of social exclusion – an fMRI investigation with Cyberball. Frontiers in Psychology, 6: 1475.
- 3) Earp, B. D., **Wudarczyk, O. A.**, Sandberg, A., Savulescu, J. (2013). If I could just stop loving you: Anti-love biotechnology and the ethics of a chemical break up. American Journal of Bioethics, 13 (11): 3–17.
- 2) **Wudarczyk, O. A.\***, Earp, B. D\*, Guastella, A., Savulescu, J. (2013). Could intranasal oxytocin be used to enhance relationships? Research imperatives, clinical policy, and ethical considerations. Current Opinion in Psychiatry, 26 (5): 474-484. **\*equal contribution**

1) Terhune, D. B., **Wudarczyk, O. A.**, Kochuparampil, P., Cohen Kadosh, R. (2013). Enhanced dimension-specific memory in grapheme-colour synaesthesia. Cognition, 129: 123-37.