

## List of publications



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### JOURNALS, PEER-REVIEWED

underlined name = (co-)supervised student

#### 2023

42. Mahy, C. E. V., Kamber, E., Conversano, M. C., Mueller, U., & **Zuber, S.** (2023). A Parent-Report Diary Study of Young Children's Prospective Memory Successes and Failures. *Journal of Cognition and Development*. <https://doi.org/10.1080/15248372.2023.2277930>
41. **Zuber, S.**, Bechtiger, L., Bodelet, J.S., Golin, M., Heumann, J., Kim, J.H., Klee, M., Mur, J., Noll, J., Voll, S., O'Keefe, P., Steinhoff, A., Zölitz, U., Muniz-Terrera, G., Shanahan, L., Shanahan, M., & Hofer, S. M. (2023). An integrative approach for the analysis of risk and health across the life course: challenges, innovations, and opportunities for life course research. *Discover Social Sciences and Health*, 3, 14. <https://doi.org/10.1007/s44155-023-00044-2>
40. Jylkkä, J., Ritakallio, L., Merzon, L., Kangas, S., Kliegel, M., **Zuber, S.**, Hering, A., Laine, M. & Salmi, J. (2023). Assessment of goal-directed behavior and prospective memory in adult ADHD with an online 3D videogame simulating everyday tasks. *Scientific Reports*, 13(1), 9299. <https://doi.org/10.1038/s41598-023-36351-6>
39. Laine, M., Jylkkä, J., Ritakallio, L., Eräste, T., Kangas, S., Hering, A., **Zuber, S.**, Kliegel, M., Fellman, D., & Salmi, J. (2023) Spontaneous Memory Strategies In A Videogame Simulating Everyday Memory Tasks. *Quarterly Journal of Experimental Psychology*. <https://doi.org/10.1177/17470218231183958>
38. Da Silva Coelho, C., **Zuber, S.**, Künzi, M., Joly-Burra, E., & Kliegel, M. (2023). The relationship between depressive symptoms, metamemory and prospective memory in older adults. *Journal of Clinical and Experimental Neuropsychology*, 45(1), 69-83. <https://doi.org/10.1080/13803395.2023.2195618>
37. Tinello, D., Tarvainen, M., **Zuber, S.**, & Kliegel, M. (2023). Enhancing Inhibitory Control in Older Adults: A Biofeedback Study. *Brain Sciences*, 13(2), 335. <https://doi.org/10.3390/brainsci13020335>
36. Jylkkä, J., Ritakallio, L., Merzon, L., Kangas, S., Kliegel, M., **Zuber, S.**, Hering, A., Salmi, J. & Laine, M. (2023). Assessment of goal-directed behavior with the 3D videogame EPELI: Psychometric features in a web-based adult sample. *PLoS ONE* 18(3): e0280717. <https://doi.org/10.1371/journal.pone.0280717>

35. Zuber, S., Joly-Burra, E., Mahy, C.E.V., Loaiza, V., & Kliegel, M. (2023). Are facet-specific task trainings efficient in improving children's executive functions, and why (they might not be)? A multi-facet latent change score approach. *Journal of Experimental Child Psychology*, 227, 105602. <https://doi.org/10.1016/j.jecp.2022.105602>
34. Laera, G., Joly-Burra, E., Zuber, S., Ballhausen, N., Künzi, M., Ihle, A., Da Silva Coelho, C., Haas, M., Miknevičute, G., Tinello, D., Kliegel, M., & Hering, A. (2023). Do executive functions explain older adults' health-related quality of life beyond event-based prospective memory? *Aging, Neuropsychology and Cognition*, 30(2), 135-149. <https://doi.org/10.1080/13825585.2021.1989368>
33. Desrichard, O., Heiser, N., Renaud, O., Zuber, S., Oris, M. & Kliegel, M. (2023). Contextual variation in cognitive performance of older adults: Demonstration of an age-of-examiner effect. *The Clinical Neuropsychologist*, 37(7), 1428-1440. <https://doi.org/10.1080/13854046.2022.2150689>

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32. Seesjärvi, E., Puhakka, J., Aronen, E. T., Hering, A., Zuber, S., Merzon, L., Kliegel, M., Laine, M., & Salmi, J. (2022). EPELI: a novel virtual reality task for the assessment of goal-directed behavior in real-life contexts. *Psychological Research*, 1-18. <https://doi.org/10.1007/s00426-022-01770-z>
31. Joly-Burra, E., Haas, M., Laera, G., Ghisletta, P., Kliegel, M., & Zuber, S. (2022). Frequency and Strategicness of Clock-Checking Explain Detrimental Age-Effects in Time-Based Prospective Memory. *Psychology and Aging*, 37(5), 637–648. <https://doi.org/10.1037/pag0000693>
30. Haas, M., Mehl, M.R., Ballhausen, N., Zuber, S., Kliegel, M., & Hering, A. (2022). The Sounds of Memory: Extending the Age-Prospective Memory Paradox to Everyday Behavior and Conversations. *The Journals of Gerontology: Series B*, 77(4), 695-703. <https://doi.org/10.1093/geronb/gbac012>
29. Zuber, S., Haas, M., Framorando, D., Ballhausen, N., Gillioz, E., Künzi, M., & Kliegel, M. (2022). The Geneva Space Cruiser: A Fully Self-Administered Online Tool to Assess Prospective Memory across the Adult Lifespan. *Memory*, 30(2), 117-132. <https://doi.org/10.1080/09658211.2021.1995435>
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27. Seesjärvi, E., Puhakka, J., Aronen, E. T., Lipsanen, J., Mannerkoski, M., Hering, A., Zuber, S., Kliegel, M., Laine, M. & Salmi, J. (2022). Quantifying ADHD symptoms in open-ended everyday life contexts with a new virtual reality task. *Journal of Attention Disorders*, 26(11), 1394-1411. <https://doi.org/10.1177/10870547211044214>
26. Saratti, C. M., Rocca, G. T., Vaucher, P., Awai, L., Papini, A., Zuber, S., Di Bella, E., Dietschi, D., & Krejci, I. (2022). Functional assessment of the stomatognathic system. Part 2: The role of dynamic elements of analysis. *Quintessence International*, 53(1), 90-102. <https://doi.org/10.3290/j.qi.b2091331>

## 2021

25. Haas, M., Scheibe S., El Khawli, E., Künzi, M., Ihle, A., Ballhausen, N., Framorando, D., Kliegel, M., & **Zuber, S.** (2021). Online Assessment of Cognitive Functioning Across the Adult Lifespan Using the eCOGTEL: A Reliable Alternative to Laboratory Testing. *European Journal of Ageing*, 1-11. <https://doi.org/10.1007/s10433-021-00667-x>
24. Da Silva Coelho, C., Joly-Burra, E., Ihle, A., Ballhausen, N., Haas, M., Hering, A., Künzi, M., Laera, G., Miknevičute, G., Tinello, D., Kliegel, M., & **Zuber, S.** (2021). Higher Levels of Neuroticism in Older Adults Predict Lower Executive Functioning Across Time: The Mediating Role of Perceived Stress. *European Journal of Ageing*, 1-17. <https://doi.org/10.1007/s10433-021-00665-z>
23. Saratti, C., Rocca, G., Vaucher, P., Awai, L., Papini, A., **Zuber, S.**, Di Bella, E., Dietschi, D., & Krejci, I. (2021). Functional assessment of the stomatognathic system. Part 1: The role of static elements of analysis. *Quintessence International*, 52(10), 920-932. <https://doi.org/10.3290/j.qi.b2077573>
22. Maeder, J., **Zuber, S.**, Schneider, M., Kliegel, M., & Eliez, S. (2021). Age-Related Improvements in Executive Functions and Focal Attention in 22q11.2 Deletion Syndrome Vary Across Domain and Task. *Journal of the International Neuropsychological Society*, 1-14. <https://doi.org/10.1017/S135561772100059X>
21. Künzi, M., Joly-Burra, E., **Zuber, S.**, Haas, M., Tinello, D., Da Silva Coelho, C., Hering, A., Ihle, A., Laera, G., Miknevičute, G., Stringhini, S., Draganski, B., Kliegel, M., & Ballhausen, N. (2021). The Relationship between Life Course Socioeconomic Conditions and Objective and Subjective Memory in Older Age. *Brain Sciences*, 11(1). <https://doi.org/10.3390/brainsci11010061>
20. **Zuber, S.**, Ballhausen, N., Haas, M., Cauvin, S., Da Silva Coelho, C., Daviet, A.-S., Ihle, A., & Kliegel, M. (2021). I could do it now, but I'd rather (forget to) do it later: Examining links between procrastination and prospective memory failures. *Psychological Research*, 85(4), 1602-1612. <https://doi.org/10.1007/s00426-020-01357-6>

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18. James, C. E., **Zuber, S.**, Dupuis-Lozeron, E., Abdili, L., Gervaise, D., & Kliegel, M. (2020). How Musicality, Cognition and Sensorimotor Skills Relate in Musically Untrained Children. *Swiss Journal of Psychology*, 79(3-4), 101-112. <https://doi.org/10.1024/1421-0185/a000238>
17. **Zuber, S.**, Cauvin, S., Haas, M., Daviet, A.-S., Da Silva Coelho, C., & Kliegel, M. (2020). Do self-reports of procrastination predict actual behavior? *International Journal of Methods in Psychiatric Research*, e1843. <https://doi.org/10.1002/mpr.1843>
16. James, C. E., **Zuber, S.**, Dupuis Lozeron, E., Abdili, L., Gervaise, D., & Kliegel, M. (2020). Formal string instrument training in a class setting enhances cognitive and sensorimotor development of primary school children. *Frontiers Neuroscience*, 14(567). <https://doi.org/10.3389/fnins.2020.00567>
15. **Zuber, S.**, & Kliegel, M. (2020). Prospective memory development across the lifespan: An integrative framework. *European Psychologist*, 25, 162-173. <https://doi.org/10.1027/1016-9040/a000380>

14. Haas, M., **Zuber, S.**, Kliegel, M., & Ballhausen, N. (2020). Prospective Memory Errors in Everyday Life: Does Instruction Matter? *Memory*, 28(2), 196-203. <https://doi.org/10.1080/09658211.2019.1707227>

13. Zhang, X., & **Zuber, S.** (2020). The effects of semantic level and language type on enactment effect of action memory. *Frontiers in Psychology*, 11(515). <https://doi.org/10.3389/fpsyg.2020.00515>

## 2019

12. **Zuber, S.**, Ihle, A., Blum, A., Desrichard, O., & Kliegel, M. (2019). The effect of stereotype threat on age differences in prospective memory performance: Differential effects on focal versus nonfocal tasks. *Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, 74(4), 625-632. <https://10.1093/geronb/gbx097>

11. **Zuber, S.**, Mahy, C.E.V., & Kliegel, M. (2019). How executive functions are associated with event-based and time-based prospective memory during childhood. *Cognitive Development*, 50, 66-79. <https://10.1016/j.cogdev.2019.03.001>

10. Ihle, A., Gouveia, É. R., Gouveia, B. R., **Zuber, S.**, & Kliegel, M. (2019). Cognitive Reserve Attenuates the Relation between Gastrointestinal Diseases and Subsequent Decline in Executive Functioning. *Dementia and Geriatric Cognitive Disorders*, 48(3-4), 215–218. <https://doi.org/10.1159/000505617>

9. Ihle, A., Gouveia, É. R., Gouveia, B. R., **Zuber, S.**, Mella, N., Desrichard, O., Cullati, S., Oris, M., Maurer, J., & Kliegel, M. (2019). The Relationship of Obesity Predicting Decline in Executive Functioning is Attenuated with Greater Leisure Activities in Old Age. *Aging & Mental Health*, 1–8. Advance online publication. <https://doi.org/10.1080/13607863.2019.1697202>

8. Ihle, A., Oris, M., Baeriswyl, M., **Zuber, S.**, Cullati, S., Maurer, J., & Kliegel, M. (2019). The longitudinal relation between social reserve and smaller subsequent decline in executive functioning in old age is mediated via cognitive reserve. *International Psychogeriatrics*, 1–7. Advance online publication. <https://doi.org/10.1017/S1041610219001789>

7. **Zuber, S.**, Ihle, A., Loaiza, V. M., Schnitzspahn, K. M., Stahl, C., Phillips, L. H., Kaller, C. P., & Kliegel, M. (2019). Explaining Age-Differences in Working Memory: The Role of Updating, Inhibition, and Shifting. *Psychology & Neuroscience* 12(2), 191-208. <https://10.1037/pne0000151>

6. Zhang, X., **Zuber, S.**, Zhang, J., Ihle, A., Kliegel, M. & Wang, L. (2019). The influence of ongoing task absorption on preschoolers' prospective memory with peripheral cues. *Journal of Cognitive Psychology*, 31(5-6), 522-532. doi: 10.1080/20445911.2019.1646747

5. Ihle, A., Kliegel, M., Ballhausen, N., Da Silva Coelho, C., Haas, M., Hering, A., Künzi, M., Laera, G., Miknevičute, G., Tinello, D., & **Zuber, S.** (2019). Prospective Memory Relates to Attentional Control: Differential Patterns in Old Age. *Dementia and Geriatric Cognitive Disorders*, 48(1-2), 79–82. <https://doi.org/10.1159/000502639>

4. Ihle, A., **Zuber, S.**, Gouveia, É. R., Gouveia, B. R., Mella, N., Desrichard, O., Cullati, S., Oris, M., Maurer, J., & Kliegel, M. (2019). Cognitive Reserve Mediates the Relation between Openness to Experience and Smaller Decline in Executive Functioning. *Dementia and Geriatric Cognitive Disorders*, 48(1-2), 39-44. <https://10.1159/000501822>.

## 2017

3. Zhang, X., **Zuber, S.**, Liu, S., Kliegel, M., & Wang, L. (2017). The Effects of Task Instructor Status on Prospective Memory Performance in Preschoolers. *European Journal of Developmental Psychology, 14*(1), 102-117. <https://10.1080/17405629.2016.1165660>

## 2016

2. **Zuber, S.**, Kliegel, M., & Ihle, A. (2016). An individual difference perspective on focal versus nonfocal prospective memory. *Memory & Cognition, 44*(8), 1192-1203. <https://10.3758/s13421-016-0628-5>
1. Kliegel, M., Ballhausen, N., Hering, A., Ihle, A., Schnitzspahn, K., & **Zuber, S.** (2016). Prospective memory in older adults: Where we are now, and what is next. *Gerontology, 62*(4), 459-466. <https://10.1159/000443698>

<b>BOOK CHAPTERS</b>
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1. Kliegel, M., Hering, A., Ihle, A., & **Zuber, S.** (2017). Cognitive Training to Promote Executive Functions. In Wiebe, S., & Karbach, J. (Eds.), *Executive Functions: Development Across the Life Span* (pp. 200-213). New York: Taylor & Francis.