Lutz Jäncke, Prof. Dr. rer. nat. Dr. h.c.

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Stand: 13. September 2025

PERSONAL INFORMATION

born 16.7.1957 in Wuppertal / Germany, German and Swiss citizenship. Married since October 1988 to Petra Jäncke (Neuropsychologist). Father of 2 boys (29 and 25 years old).

CURRENT POSITION

Full professor (Ordinarius emeritus) for Neuropsychology at the University of Zurich

EDUCATION

1981	B.S. (Psychology) Technical University Braunschweig
1984	M.S. (Psychology, Brain research). Heinrich-Heine- University Düsseldorf (Germany)
1989	Ph.D (Neuropsychology, Cognitive Psychology); Dr. rer. nat., Heinrich-Heine-University
1995	Habilitation (Neuropsychology), conferring of the venia legendia for Psychology, Heinrich-Heine-University Düsseldorf (Germany)

PROFESSIONAL AND ACADEMIC EXPERIENCE

1982-1984	Research assistant to Prof. Kalveram (C1) at the Institute of Experimental Psychology, Düsseldorf
1984-1989	Senior research assistant to Prof. Kalveram (C1) at the Institute of Experimental Psychology, Düsseldorf
1989-1995	Assistant Professor (C1; Hochschulassistent) of Experimental Psychology, University Düsseldorf
1995	Harvard Medical School, Beth Israel Hospital, Department of Neurology and Radiology (Prof. Steven Warrach and Prof. Gottfried Schlaug) – visiting scientist (with a DFG-Stipendship)

1996-1997	Senior Researcher at the research center Julich (Department of Medicine)
1997-2002	C4 Prof. Experimental Psychology, Otto-von-Guericke-University Magdeburg
2002 - 2022	Full professor (Ordinarius) for Neuropsychology at the University Zurich
Since August 2022	Retired from UZH

SUPERVISED PHD THESES, IMPORTANT CONTRIBUTIONS TO THE CAREER OF SCIENTISTS

Since 1997 I have supervised more than 250 PhDs and 5 "Habilitations" (2 direct and 3 indirect) theses at the Science and Philosophy faculties of the UZH and the ETH Zurich.

Some of my former doctoral students are now holding professorships at universities in Germany, Switzerland, USA, New Zealand, Australia, and Norway (Prof. Karsten Specht, Prof. Toemme Noesselt, Prof. Nadine Gaab, Prof. Eileen Lüders, Prof. Christian Gaser, Prof. Nico Buncek, Prof. Martin Meyer, Prof. Nicolas Langer, Prof. Nora Raschle, Prof. Jens Bode).

PRIZES, FELLOWSHIPS, DISTINGUISHED MEMBERSHIPS

1981	B.S. with honor
1984	M.S with honor
1989	Dissertation (summa cum laude, with honor)
1995	Habilitation Venia legendi in Psychology (Privat-Dozent, PD)
1996	Award for the best Habilitation at the Mathematisch-Naturwissenschaftliche Fakultät at the Heinrich-Heine-University Düsseldorf
1996	Heisenberg Grant (personal grant for excellent science from the German Research Foundation granted for 3 years)
1995-1997	Several short list positions for Professorships (Neuropsychology and Cognitive Neuroscience) in Germany (etc., Aachen, Bochum)
2006	Goldene Eule for best teaching at the ETH Zürich
2007	Credit Swiss Best Teaching Reward from the UZH
2008	Goldene Eule "for best teaching at the ETH Zürich
2011	Special Credit Swiss Award for Best Teaching from the UZH

2017-2019	Member of the Wissenschaftsrat in the context of the Exzellenzinitiative
2013-2020	Distinguished Scientist and Adjunct Professor at the King Abdelaziz University, Jeddah, Saudi Arabia
2020	Wissenschaftlicher Beirat des Hans-Albert-Instituts
2021	Member of the year 2021 of the Faculty of 1000 board
2024	Dr. h.c. University of Luzern

PROF. POSITIONS OFFERED SINCE 2002

2008	University Vienna, Chair for Biological Psychology
2009	University South Carolina, Endowed Chair in Neuroimaging and Scientific Director of the MacCausland Brain Imaging Center

FUNCTIONS IN SCIENTIFIC SOCIETIES AND INSTITUTIONS

2008	Member of the CNRS evaluation in Paris.
2010	Chair of the Evaluation of the CRNS Neuroimaging Bordeaux.
2012	Chair of the Evaluation of the Psychological Institute of the University Graz
2016	Chair of the Evaluation of the Psychological Institute of the University Graz
2017	Chair of the Evaluation of the LEMANIC Neuroscience Doctoral School Geneva
2017-2019	Member and Reviewer for the German Research Council (Wissenschaftsrat) in the context of the Excellency Initiative of the German Government.

GOVERNING ACTIVITIES

1998 - 2002	Director of the Institute of Psychology at the Otto-von-Guericke-University Magdeburg
2002 - 2015	Member of the "Forschungskommission" of the University Zurich since 2002.
2003 - present	Member of several search committees as well as teaching organization committees at the UZH and ETH.

2010 - 2016	Director of the "International Normal Aging and Plasticity Imaging Centre" (INAPIC) Zurich
2012 - present	Director of the University Research Priority Program "Dynamic of Healthy Aging"
2006 - present	European representative of the "Dana Organization" (Brain and Community).
2012 - 2018	Representative of the UZH professors
Since 2020	Vice president of the Swiss Society for Neuropsychology
Since August 2022	Retired from UZH

ORGANIZATION OF CONFERENCES

Joined midyear meeting of the "International Society of Neuropsychology" together with the German and Swiss Neuropsychology Associations in July 2006 in Zurich.

Co-organizer of the Swiss Psychology Conference in Zurich in September 2007.

SCIENTIFIC BOARDS

Neuroscience Center Zurich

Dybuster GmbH- Defeating Dyslexia

Board Member of Faculty of 1000 for Neurology/Neuroimaging

Centre for Integrative Human Physiology, University of Zurich - Senior member

COST (European Cooperation in Science and Technology) Initiative ""Neurofeedback and Brain Computer Interface" - Swiss Representative

The International Max Planck Research School "The Life Course: Evolutionary and Ontogenetic Dynamics (LIFE)" – Faculty Member

Scientific Board Member of the Gesellschaft für Neuropsychologie (GNP), Germany

Associate Professor at the King Abdulaziz University in Jeddah, Saudi Arabia in the program for highly cited scientists as distinguished scientist.

Director of the International Normal Aging and Plasticity Imaging Center Zurich (INAPIC)

Director of the University Research Priority Program "Dynamic of Healthy Aging" (URRP)

Board member of the Freie Gymnasium (high school) in Zurich

REVIEW WORK

Grant reviewer for various grant organizations (selection): Deutsche Forschungsgemeinschaft (DFG), National Institute of Mental Health (NIMH), Irish Research Council, New Zealand Research Foundation, German Israel research foundation, Canadian Research Council (CRC), Natural Sciences and Engineering Research Council of Canada (NSERC), Swiss National Foundation (SNF), Welcome Institute (London), Welcome Trust (GB), National Institute of Mental Health (NIMH), Leverhulme Foundation (GB), Dutch Social Science Research Council, Danish National Research Foundation (DNRF), Academy of Finland; National Science Foundation (NSF), USA.

In the last 5 years I have reviewed more than 50 PhD and "Habilitation" theses from universities outside the UZH and ETH.

I have served as independent reviewer in the last 5 years in more than 15 review board meetings organized by grant organizations in the context of larger scientific endeavors (EU, BMBF, DFG-SFB, CNRS).

Neuropsychological expert reviewer, official reviewer for the "Strassenverkehrsamt Zürich" (traffic office of the Canton Zurich). Reviewer for health insurance companies.

EDITORIAL BOARD – SCIENTIFIC JOURNALS

Brain and Language, Laterality, Zeitschrift für Neuropsychologie, Swiss Journal of Psychology, European Journal of Developmental Sciences, Frontiers in Neurosciences, Neuroscience, Neuroreport, Psychological Research, Quarterly Journal of Psychological Research, Restorative Neurology and Neuroscience, Frontiers Cognitive Neuroscience (Chief Editor).

Member of *Faculty of 1000* (Neurology and Neuroimaging)

AD HOC REVIEWER FOR SCIENTIFIC JOURNALS

I am serving as ad hoc reviewer for more than 50 journals including all major general (Science, Nature) neuroscience (Nature Neuroscience, Neuron, J Neuroscience, Cerebral Cortex, Brain) and psychology journals (Psychological Research, Neuropsychologia, Psychological Review).

GRANT SUPPORT

German Research Foundation (DFG: Deutsche Forschungsgesellschaft), Swiss National Science Foundation (SNF), European Union (EU), private donations and industry projects.

Including 2 Bonus of Excellence Grants from the SNF (total amount **1.9 Million CHF**).

Total amount of grant money from SNF, EU, Velux, clinic Littenheid, NCCR since 2003 = **11 Million CHF**.

University Research Priority Program **15 Million CHF** for 2013-2023 (together with Prof. Martin).

INVITED TALKS

More than 150 invited talks and lectures (as keynote lecturer) at symposia and conferences about brain plasticity, brain organization of synesthetes and musicians.

More than 50 invited talks at science colloquia in various universities and science institutions.

More than 300 invited talks at public science education events, at general science meetings for laypersons, for politicians, or companies.

Several appearances on international and national TV, radio, and print press about science issues related to brain plasticity, education, music, and geniuses.

PUBLICATIONS

> 500 papers, 5 Books, 60 Book chapters

Web of Science: 41000 citations (13.9.2025), average citations per article: 42, H-Index = 96

Essential Science Indicator (ESI) (10.10.2025), 5216 citations in „all fields", average citations per article: 26, 1% of the most cited scientists.

Google scholar: 55043 citations (13.9.2025), h-index = 128, i10-index = 329, since 2020: 18537 citations, h-index since 2020 = 69, i10-index since 2020 = 3129

5 most relevant papers for 2015-2025

1. Leipold, S., Klein, C., & Jäncke, L. (2021) Musical expertise shapes functional and structural brain networks independent of absolute pitch ability. J. Neurosci.,.
2. Jäncke, L., Sele, S., Liem, F., Oschwald, J., & Merillat, S. (2020). Brain aging and psychometric intelligence: a longitudinal study. Brain Struct Funct. (epub ahead).
3. Leipold, S., Brauchli, C., Greber, M., & Jäncke, L. (2019). Absolute and relative pitch processing in the human brain: neural and behavioral evidence. Brain Struct Funct, 224(5), 1723-1738.

4. Valizadeh, S. A., Riener, R., Elmer, S., & Jäncke, L. (2019). Decrypting the electrophysiological individuality of the human brain: Identification of individuals based on resting-state EEG activity. Neuroimage, 197, 470-481.
5. Valizadeh, S. A., Liem, F., Mérillat, S., Hänggi, J., & Jäncke, L. (2018). Identification of individual subjects on the basis of their brain anatomical features. Sci Rep, 8(1), 5611.

Publications in peer reviewed journals in 2015-2025

2025

1. Vosough, S., Candrian, G., Kasper, J., Abdel Rehim, H., Eich, D., Müller, A. et al. (2025). Facial Affect Recognition and Executive Function Abnormalities in ADHD Subjects: An ERP Study. Clin EEG Neurosci, 56(4), 327-341.

2024

2. Jäncke, L. (2024). [Human intelligence: is the human brain reasonable?]. Dtsch Med Wochenschr, 149(23), 1393-1400.

3. Deschwanden, P. F., Piñeiro, A. L., Hotz, I., Malagurski, B., Mérillat, S., & Jäncke, L. (2024). Influence of atlas-choice on age and time effects in large-scale brain networks in the context of healthy aging. Imaging Neurosci (Camb), 2, imag-2.

2023

4. Dimitrova, L. I., Dean, S. L., Schlumpf, Y. R., Vissia, E. M., Nijenhuis, E. R. S., Chatzi, V. et al. (2023). A neurostructural biomarker of dissociative amnesia: a hippocampal study in dissociative identity disorder. Psychol Med, 53(3), 805-813.

5. Hotz, I., Deschwanden, P. F., Mérillat, S., & Jäncke, L. (2023). Associations between white matter hyperintensities, lacunes, entorhinal cortex thickness, declarative memory and leisure activity in cognitively healthy older adults: A 7-year study. Neuroimage, 284, 120461.

6. von Rotz, R., Schindowski, E. M., Jungwirth, J., Schuldt, A., Rieser, N. M., Zahoranszky, K. et al. (2023). Corrigendum to 'Single-dose psilocybin-assisted therapy in major depressive disorder: a placebo-controlled, double-blind, randomised clinical trial'. EClinicalMedicine, 56, 101841.

7. Kaufmann, L.-K., Hänggi, J., Jäncke, L., Baur, V., Piccirelli, M., Kollias, S. et al. (2023). Disrupted longitudinal restoration of brain connectivity during weight normalization in severe anorexia nervosa. Transl Psychiatry, 13(1), 136.

8. Vingerhoets, G., Verhelst, H., Gerrits, R., Badcock, N., Bishop, D. V. M., Carey, D. et al. (2023). Laterality indices consensus initiative (LICI): A Delphi expert survey report on recommendations to record, assess, and report asymmetry in human behavioural and brain research. Laterality, 28(2-3), 122-191.

9. Münger, M., Sele, S., Candrian, G., Müller, A., & Jäncke, L. (2023). Longitudinal investigation in children and adolescents with ADHD and healthy controls: A 2-year ERP study. Int J Psychophysiol, 183, 117-129.

10. Münger, M., Sele, S., Candrian, G., Müller, A., & Jäncke, L. (2023). Longitudinal investigation in children and adolescents with ADHD and healthy controls: A 2-year ERP study. Int J Psychophysiol, 183, 117-129.

11. Mock, N., Balzer, C., Gutbrod, K., Jäncke, L., Wandel, J., Bonati, L. et al. (2023). Nonverbal memory tests revisited: Neuroanatomical correlates and differential influence of biasing cognitive functions. Cortex, 164, 63-76.

12. von Rotz, R., Schindowski, E. M., Jungwirth, J., Schuldt, A., Rieser, N. M., Zahoranszky, K. et al. (2023). Single-dose psilocybin-assisted therapy in major depressive disorder: A placebo-controlled, double-blind, randomised clinical trial. EClinicalMedicine, 56, 101809.

13. von Rotz, R., Schindowski, E. M., Jungwirth, J., Schuldt, A., Rieser, N. M., Zahoranszky, K. et al. (2023). Single-dose psilocybin-assisted therapy in major depressive disorder: A placebo-controlled, double-blind, randomised clinical trial. EClinicalMedicine, 56, 101809.

14. Reinders, A. A. T. S., Dimitrova, L. I., Schlumpf, Y. R., Vissia, E. M., Dean, S. L., Jäncke, L. et al. (2023). The elusive search for a biomarker of dissociative amnesia: an overstated response to understated findings? - CORRIGENDUM. Psychol Med, 1-7.

2022

15. Boos, M., Kobi, M., Elmer, S., & Jäncke, L. (2022). The influence of experience on cognitive load during simultaneous interpretation. Brain Lang, 234, 105185.

16. Boos, M., Kobi, M., Elmer, S., & Jäncke, L. (2022). Tracking lexical access and code switching in multilingual participants with different degrees of simultaneous interpretation expertise. Eur J Neurosci, 56(6), 4869-4888.

17. Eising, C. M., Maercker, A., Malagurski, B., Jäncke, L., & Mérillat, S. (2022). A longitudinal resting-state functional connectivity analysis on trauma exposure and post-traumatic stress symptoms in older individuals. Neuroimage Clin, 35, 103052.

18. Hotz, I., Deschwanden, P. F., Liem, F., Mérillat, S., Malagurski, B., Kollias, S. et al. (2022). Performance of three freely available methods for extracting white matter hyperintensities: FreeSurfer, UBO Detector, and BIANCA. Hum Brain Mapp, 43(5), 1481-1500.

19. Jäncke, L., Martin, M., Röcke, C., & Mérillat, S. (2022). Editorial: Longitudinal aging research: Cognition, behavior and neuroscience. Front Hum Neurosci, 16, 1002560.

20. Jäncke, L., & Valizadeh, S. A. (2022). Identification of individual subjects based on neuroanatomical measures obtained 7 years earlier. Eur J Neurosci, 56(5), 4642-4652.

21. Malagurski, B., Deschwanden, P. F., Jäncke, L., & Mérillat, S. (2022). Longitudinal functional connectivity patterns of the default mode network in healthy older adults. Neuroimage, 259, 119414.

22. Mock, N., Balzer, C., Gutbrod, K., De Haan, B., Jäncke, L., Ettlin, T. et al. (2022). Lesion-symptom mapping corroborates lateralization of verbal and nonverbal memory processes and identifies distributed brain networks responsible for memory dysfunction. Cortex, 153, 178-193.

23. Münger, M., Sele, S., Candrian, G., Kasper, J., Abdel-Rehim, H., Eich-Höchli, D. et al. (2022). Longitudinal Analysis of Self-Reported Symptoms, Behavioral Measures, and Event-Related Potential Components of a Cued Go/NoGo Task in Adults With Attention-Deficit/Hyperactivity Disorder and Controls. Front Hum Neurosci, 16, 767789.

24. Münger, M., Sele, S., Candrian, G., Müller, A., & Jäncke, L. (2023). Longitudinal investigation in children and adolescents with ADHD and healthy controls: A 2-year ERP study. Int J Psychophysiol, 183, 117-129.

25. Reinders, A. A. T. S., Dimitrova, L. I., Schlumpf, Y. R., Vissia, E. M., Nijenhuis, E. R. S., Jäncke, L. et al. (2022). Normal amygdala morphology in dissociative identity disorder. BJPsych Open, 8(2), e70.

26. Reinders, A. A. T. S., Dimitrova, L. I., Schlumpf, Y. R., Vissia, E. M., Dean, S. L., Jäncke, L. et al. (2022). The elusive search for a biomarker of dissociative amnesia: an overstated response to understated findings? Psychol Med, 52(13), 2837-2845.

27. Schlumpf, Y. R., Nijenhuis, E. R. S., Klein, C., Jäncke, L., & Bachmann, S. (2022). Functional connectivity changes in the delta frequency band following trauma treatment in complex trauma and dissociative disorder patients. Front Psychiatry, 13, 889560.

28. von Rotz, R., Schindowski, E. M., Jungwirth, J., Schuldt, A., Rieser, N. M., Zahoranszky, K. et al. (2023). Single-dose psilocybin-assisted therapy in major depressive disorder: A placebo-controlled, double-blind, randomised clinical trial. EClinicalMedicine, 56, 101809.

2021

29. Jäncke, L. (2021) Solve problems and answer questions instead of following trends! Laterality, 1–4.
30. Leipold, S., Klein, C., & Jäncke, L. (2021) Musical expertise shapes functional and structural brain networks independent of absolute pitch ability. J. Neurosci.,.
31. Manoliu, A., Sladky, R., Scherpiet, S., Jäncke, L., Kirschner, M., Haugg, A., Bolsinger, J., Kraehenmann, R., Stämpfli, P., Scharnowski, F., & Others (2021b) Dopaminergic neuromodulation has no detectable effect on visual-cue induced haemodynamic response function in the visual cortex: A double-blind, placebo-controlled functional magnetic resonance imaging study. J. Psychopharmacol., 0269881120972341.

32. Mikos, A., Malagurski, B., Liem, F., Mérillat, S., & Jäncke, L. (2021) Object-Location Memory Training in Older Adults Leads to Greater Deactivation of the Dorsal Default Mode Network. Front. Hum. Neurosci., 15, 51.

2020

33. Burkhard, A., Hänggi, J., Elmer, S., & Jäncke, L. (2020). The importance of the fibre tracts connecting the planum temporale in absolute pitch possessors. NeuroImage, 211, 116590. https://doi.org/10.1016/j.neuroimage.2020.116590
34. Greber, M., Klein, C., Leipold, S., Sele, S., & Jäncke, L. (2020). Heterogeneity of EEG resting-state brain networks in absolute pitch. International Journal of Psychophysiology: Official Journal of the International Organization of Psychophysiology. https://doi.org/10.1016/j.ijpsycho.2020.07.007
35. Jäncke, L., Sele, S., Liem, F., Oschwald, J., & Merillat, S. (2020). Brain aging and psychometric intelligence: a longitudinal study. Brain Structure & Function, 225(2), 519–536. https://doi.org/10.1007/s00429-019-02005-5
36. Kaufmann, L.-K., Hänggi, J., Jäncke, L., Baur, V., Piccirelli, M., Kollias, S., Schnyder, U., Martin-Soelch, C., & Milos, G. (2020). Age influences structural brain restoration during weight gain therapy in anorexia nervosa. Translational Psychiatry, 10(1), 126. https://doi.org/10.1038/s41398-020-0809-7
37. Klein, C., Leipold, S., Ghadri, J.-R., Jurisic, S., Hiestand, T., Hänggi, J., Lüscher, T. F., Jäncke, L., & Templin, C. (2020). Takotsubo syndrome: How the broken heart deals with negative emotions. NeuroImage. Clinical, 25, 102124. https://doi.org/10.1016/j.nicl.2019.102124
38. Malagurski, B., Liem, F., Oschwald, J., Mérillat, S., & Jäncke, L. (2020a). Functional dedifferentiation of associative resting state networks in older adults--A longitudinal study. NeuroImage, 116680. https://www.sciencedirect.com/science/article/pii/S1053811920301671
39. Malagurski, B., Liem, F., Oschwald, J., Mérillat, S., & Jäncke, L. (2020b). Longitudinal functional brain network reconfiguration in healthy aging. Human Brain Mapping. https://doi.org/10.1002/hbm.25161
40. Brauchli, C., Leipold, S., & Jäncke, L. (2020). Diminished large-scale functional brain networks in absolute pitch during the perception of naturalistic music and audiobooks. Neuroimage, 116513. (epub ahead).
41. Burkhard, A., Hänggi, J., Elmer, S., & Jäncke, L. (2020). The importance of the fibre tracts connecting the planum temporale in absolute pitch possessors. Neuroimage, 211, 116590. (epub ahead).
42. Jäncke, L., Sele, S., Liem, F., Oschwald, J., & Merillat, S. (2020). Brain aging and psychometric intelligence: a longitudinal study. Brain Struct Funct. (epub ahead).

2019

43. Bartsch, L. M., Loaiza, V. M., Jäncke, L., Oberauer, K., & Lewis-Peacock, J. A. (2019). Dissociating refreshing and elaboration and their impacts on memory. Neuroimage, 199, 585-597.
44. Brauchli, C., Leipold, S., & Jäncke, L. (2019). Univariate and multivariate analyses of functional networks in absolute pitch. Neuroimage, 189, 241-247.
45. Burkhard, A., Elmer, S., & Jäncke, L. (2019). Early tone categorization in absolute pitch musicians is subserved by the right-sided perisylvian brain. Sci Rep, 9(1), 1419.
46. Dittinger, E., Scherer, J., Jäncke, L., Besson, M., & Elmer, S. (2019). Testing the influence of musical expertise on novel word learning across the lifespan using a cross-sectional approach in children, young adults and older adults. Brain Lang, 198, 104678.

47. Ghadri, J. R., Levinson, R. A., Lüscher, T. F., Jäncke, L., & Templin, C. (2019). Neurocardiology: the brain-heart connection in Takotsubo syndrome. Eur Heart J, 40(36), 3062-3063.
48. Herwig, U., Lutz, J., Scherpiet, S., Scheerer, H., Kohlberg, J., Opialla, S. et al. (2019). Training emotion regulation through real-time fMRI neurofeedback of amygdala activity. Neuroimage, 184, 687-696.
49. Jäncke, L., Liem, F., & Merillat, S. (2019). Scaling of brain compartments to brain size. Neuroreport, 30(8), 573-579.
50. Jäncke, L., Liem, F., & Merillat, S. (2019). Weak correlations between body height and several brain metrics in healthy elderly subjects. Eur J Neurosci, 50(10), 3578-3589.
51. Jäncke, L., Saka, M. Y., Badawood, O., & Alhamadi, N. (2019). Resting-state electroencephalogram in learning-disabled children: power and connectivity analyses. Neuroreport, 30(2), 95-101.
52. Jockwitz, C., Mérillat, S., Liem, F., Oschwald, J., Amunts, K., Caspers, S. et al. (2019). Generalizing age effects on brain structure and cognition: A two-study comparison approach. Hum Brain Mapp, 40(8), 2305-2319.
53. Klein, C., Leipold, S., Ghadri, J. R., Jurisic, S., Hiestand, T., Hänggi, J. et al. (2019). Takotsubo syndrome: How the broken heart deals with negative emotions. Neuroimage Clin, 25, 102124.
54. Leipold, S., Brauchli, C., Greber, M., & Jäncke, L. (2019). Absolute and relative pitch processing in the human brain: neural and behavioral evidence. Brain Struct Funct, 224(5), 1723-1738.
55. Leipold, S., Greber, M., Sele, S., & Jäncke, L. (2019). Neural patterns reveal single-trial information on absolute pitch and relative pitch perception. Neuroimage, 200, 132-141.
56. Leipold, S., Oderbolz, C., Greber, M., & Jäncke, L. (2019). A reevaluation of the electrophysiological correlates of absolute pitch and relative pitch: No evidence for an absolute pitch-specific negativity. Int J Psychophysiol, 137, 21-31.
57. Oschwald, J., Guye, S., Liem, F., Rast, P., Willis, S., Röcke, C. et al. (2019). Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. Rev Neurosci, 31(1), 1-57.
58. Oschwald, J., Mérillat, S., Liem, F., Röcke, C., Martin, M., & Jäncke, L. (2019). Lagged Coupled Changes Between White Matter Microstructure and Processing Speed in Healthy Aging: A Longitudinal Investigation. Front Aging Neurosci, 11, 298.
59. Reinders, A. A. T. S., Marquand, A. F., Schlumpf, Y. R., Chalavi, S., Vissia, E. M., Nijenhuis, E. R. S. et al. (2019). Aiding the diagnosis of dissociative identity disorder: pattern recognition study of brain biomarkers. Br J Psychiatry, 215(3), 536-544.
60. Schlumpf, Y. R., Nijenhuis, E. R. S., Klein, C., Jäncke, L., & Bachmann, S. (2019). Functional reorganization of neural networks involved in emotion regulation following trauma therapy for complex trauma disorders. Neuroimage Clin, 23, 101807.
61. Templin, C., Hänggi, J., Klein, C., Topka, M. S., Hiestand, T., Levinson, R. A. et al. (2019). Altered limbic and autonomic processing supports brain-heart axis in Takotsubo syndrome. Eur Heart J, 40(15), 1183-1187.
62. Valizadeh, S. A., Riener, R., Elmer, S., & Jäncke, L. (2019). Decrypting the electrophysiological individuality of the human brain: Identification of individuals based on resting-state EEG activity. Neuroimage, 197, 470-481.

63. van den Heuvel, M. P., Scholtens, L. H., van der Burgh, H. K., Agosta, F., Alloza, C., Arango, C. et al. (2019). 10Kin1day: A Bottom-Up Neuroimaging Initiative. Front Neurol, 10, 425.

2018

64. Brauchli, C., Elmer, S., Rogenmoser, L., Burkhard, A., & Jäncke, L. (2018). Top-down signal transmission and global hyperconnectivity in auditory-visual synesthesia: Evidence from a functional EEG resting-state study. Hum Brain Mapp, 39(1), 522-531.
65. Burkhard, A., Elmer, S., Kara, D., Brauchli, C., & Jäncke, L. (2018). The Effect of Background Music on Inhibitory Functions: An ERP Study. Front Hum Neurosci, 12, 293.
66. Dittinger, E., Valizadeh, S. A., Jäncke, L., Besson, M., & Elmer, S. (2018). Increased functional connectivity in the ventral and dorsal streams during retrieval of novel words in professional musicians. Hum Brain Mapp, 39(2), 722-734.
67. Elmer, S., & Jäncke, L. (2018). Relationships between music training, speech processing, and word learning: a network perspective. Ann N Y Acad Sci.
68. Greber, M., Rogenmoser, L., Elmer, S., & Jäncke, L. (2018). Electrophysiological Correlates of Absolute Pitch in a Passive Auditory Oddball Paradigm: a Direct Replication Attempt. eNeuro, 5(6).
69. Herwig, U., Opialla, S., Cattapan, K., Wetter, T. C., Jäncke, L., & Brühl, A. B. (2018). Emotion introspection and regulation in depression. Psychiatry Res Neuroimaging, 277, 7-13.
70. Hiestand, T., Hänggi, J., Klein, C., Topka, M. S., Jaguszewski, M., Ghadri, J. R. et al. (2018). Takotsubo Syndrome Associated With Structural Brain Alterations of the Limbic System. J Am Coll Cardiol, 71(7), 809-811.
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