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Knowing me, knowing you: On the troubles of not knowing who you are and how to relate to others - in general and in people with borderline personality disorder specifically

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References

- Abraham, A., Pedregosa, F., Eickenberg, M., Gervais, P., Mueller, A., Kossaifi, J., . . . Varoquaux, G. (2014). Machine learning for neuroimaging with scikit-learn. *Frontiers in Neuroinformatics*, 8, 14. doi:10.3389/fninf.2014.00014
- Achterberg, M., van Duijvenvoorde, A. C., Bakermans-Kranenburg, M. J., & Crone, E. A. (2016). Control your anger! The neural basis of aggression regulation in response to negative social feedback. *Social Cognitive and Affective Neuroscience*, 11(5), 712-720. doi:10.1093/scan/nsv154
- Addis, D. R., Moscovitch, M., Crawley, A. P., & McAndrews, M. P. (2004). Recollective qualities modulate hippocampal activation during autobiographical memory retrieval. *Hippocampus*, 14(6), 752-762. doi:10.1002/hipo.10215
- Adler, J. M., Chin, E. D., Kolisetty, A. P., & Oltmanns, T. F. (2012). The distinguishing characteristics of narrative identity in adults with features of borderline personality disorder: An empirical investigation. *Journal of Personality Disorders*, 26(4), 498-512.
- Ahern, C., Kyrios, M., & Moulding, R. (2015). Self-Based Concepts and Obsessive-Compulsive Phenomena. *Psychopathology*, 48(5), 287-292. doi:10.1159/000437333
- Ahluwalia Cameron, A., Calderwood, K., & McMurphy, S. (2018). A systematic literature review of the etiology of borderline personality disorder from an ecological systems PERSPECTIVE. *Social Work in Mental Health*, 17(3), 364-380. doi:10.1080/15332985.2018.1555104
- Alexander, P. C. (1992). Application of Attachment Theory to the Study of Sexual Abuse. *Journal of Consulting and Clinical Psychology*, 60(2), 185-195.
- Amad, A., & Radua, J. (2017). Resting-state meta-analysis in Borderline Personality Disorder: Is the fronto-limbic hypothesis still valid? *Journal of Affective Disorders*, 212, 7-9. doi:10.1016/j.jad.2017.01.018
- American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders* (5th ed.). Washington, DC: Author.
- Arntz, A., & Wessel, I. (1996). *Jeugd Trauma Vragenlijst [Dutch version of the childhood trauma questionnaire]*. The Netherlands.
- Auerbach, R. P., Tarlow, N., Bondy, E., Stewart, J. G., Aguirre, B., Kaplan, C., . . . Pizzagalli, D. A. (2016). Electrocortical Reactivity During Self-referential Processing in Female Youth With Borderline Personality Disorder. *Biol Psychiatry Cogn Neurosci Neuroimaging*, 1(4), 335-344. doi:10.1016/j.bpsc.2016.04.004
- Baker, C. A., Peterson, E., Pulos, S., & Kirkland, R. A. (2014). Eyes and IQ: A meta-analysis of the relationship between intelligence and "Reading the Mind in the Eyes". *Intelligence*, 44, 78-92. doi:10.1016/j.intell.2014.03.001
- Barnow, S., Stopsack, M., Grabe, H. J., Meinke, C., Spitzer, C., Kronmuller, K., & Sieswerda, S. (2009). Interpersonal evaluation bias in borderline personality disorder. *Behaviour Research and Therapy*, 47(5), 359-365. doi:10.1016/j.brat.2009.02.003
- Baron-Cohen, S. W., S.; Hill, J.; Raste, Y.; Plumb, I. (2001). The "Reading the Mind in the Eyes" Test Revised Version: A Study with Normal Adults, and Adults with Asperger Syndrome or High Functioning Autism. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, 42(2), 241-251.
- Bartz, J., Simeon, D., Hamilton, H., Kim, S., Crystal, S., Braun, A., . . . Hollander, E. (2011). Oxytocin can hinder trust and cooperation in borderline personality disorder. *Social Cognitive and Affective Neuroscience*, 6(5), 556-563. doi:10.1093/scan/nsq085
- Bateman, A., & Fonagy, P. (2012). *Handbook of mentalizing in mental health practice*. Arlington, VA, US: American Psychiatric Publishing, Inc.
- Bates, D., Maechler, M., Bolker, B. M., & Walker, S. C. (2015). Fitting linear mixed-effects models using lme4. *Journal of Statistical Software*, 67(1), 1-48. doi:10.18637/jss.v067.i01
- Beblo, T., Driessen, M., Mertens, M., Wingenfeld, K., Piefke, M., Rullkoetter, N., . . . Woermann, F. G. (2006). Functional MRI correlates of the recall of unresolved life events in borderline personality disorder. *Psychological Medicine*, 36(6), 845-856. doi:10.1017/S0033291706007227
- Behzadi, Y., Restom, K., Liao, J., & Liu, T. T. (2007). A component based noise correction method (CompCor) for BOLD and perfusion based fMRI. *Neuroimage*, 37, 90-101.
- Bellec, P., Rosa-Neto, P., Lyttelton, O. C., Benali, H., & Evans, A. C. (2010). Multi-level bootstrap analysis of stable clusters in resting-state fMRI. *Neuroimage*, 51(3), 1126-1139. doi:10.1016/j.neuroimage.2010.02.082

- Bender, D. S., & Skodol, A. E. (2007). Borderline Personality as a Self-Other Representational Disturbance. *Journal of Personality Disorders*, 21(5), 500-517.
- Benedek, M., Jauk, E., Beaty, R. E., Fink, A., Koschutnig, K., & Neubauer, A. C. (2016). Brain mechanisms associated with internally directed attention and self-generated thought. *Scientific Reports*, 6, 22959. doi:10.1038/srep22959
- Benenson, J. F., Markovits, H., Hultgren, B., Nguyen, T., Bullock, G., & Wrangham, R. (2013). Social exclusion: more important to human females than males. *PloS One*, 8(2), e55851. doi:10.1371/journal.pone.0055851
- Berenson, K. R., Downey, G., Rafaeli, E., Coifman, K. G., & Paquin, N. L. (2011). The rejection-rage contingency in borderline personality disorder. *Journal of Abnormal Psychology*, 120(3), 681-690. doi:10.1037/a0023335
- Bergkvist, L., & Rossiter, J. R. (2007). The Predictive Validity of Multiple-Item Versus Single-Item Measures of the Same Constructs. *Journal of Marketing Research*, XLIV, 175-184.
- Bergstrom, Z. M., Vogelsang, D. A., Benoit, R. G., & Simons, J. S. (2015). Reflections of Oneself: Neurocognitive Evidence for Dissociable Forms of Self-Referential Recollection. *Cerebral Cortex*, 25(9), 2648-2657. doi:10.1093/cercor/bhu063
- Bernichon, T., Cook, K. E., & Brown, J. D. (2003). Seeking self-evaluative feedback: The interactive role of global self-esteem and specific self-views. *Journal of Personality and Social Psychology*, 84(1), 194-204. doi:10.1037/0022-3514.84.1.194
- Bernstein, D. P., & Fink, L. (1998). *Childhood Trauma Questionnaire: A retrospective self-report manual* (T. T. P. Cooperation Ed.). San Antonio.
- Bernstein, D. P., Stein, J. A., Newcomb, M. D., Walker, E., Pogge, D., Ahluvalia, T., . . . Zule, W. (2003). Development and validation of a brief screening version of the Childhood Trauma Questionnaire. *Child Abuse and Neglect*, 27(2), 169-190. doi:10.1016/s0145-2134(02)00541-0
- Birn, R. M., Diamond, J. B., Smith, M. A., & Bandettini, P. A. (2006). Separating respiratory-variation-related fluctuations from neuronal-activity-related fluctuations in fMRI. *Neuroimage*, 31(4), 1536-1548. doi:10.1016/j.neuroimage.2006.02.048
- Biskin, R. S. (2015). The Lifetime Course of Borderline Personality Disorder. *Canadian Journal of Psychiatry*, 60(7), 303-308.
- Biswal, B. B., Mennes, M., Zuo, X. N., Gohel, S., Kelly, C., Smith, S. M., . . . Milham, M. P. (2010). Toward discovery science of human brain function. *Proceedings of the National Academy of Sciences of the United States of America*, 107(10), 4734-4739. doi:10.1073/pnas.0911855107
- Biswal, B. B., Yetkin, F. Z., Haughton, V. M., & Hyde, J. S. (1995). Functional Connectivity in the Motor Cortex of Resting Human Brain Using Echo-Planar MRI. *Magnetic Resonance Imaging*, 34(4), 537-541.
- Blackhart, G. C., Nelson, B. C., Knowles, M. L., & Baumeister, R. F. (2009). Rejection elicits emotional reactions but neither causes immediate distress nor lowers self-esteem: a meta-analytic review of 192 studies on social exclusion. *Personality and Social Psychology Review*, 13(4), 269-309. doi:10.1177/1088868309346065
- Blakemore, S. J. (2008). The social brain in adolescence. *Nature Reviews: Neuroscience*, 9(4), 267-277. doi:10.1038/nrn2353
- Bluck, S., Alea, N., Habermas, T., & Rubin, D. C. (2005). A tale of three functions: The self reported uses of autobiographical memory. *Social Cognition*, 23(1), 91-117.
- Bo, S., Sharp, C., Fonagy, P., & Kongerslev, M. (2017). Hypermentalizing, attachment, and epistemic trust in adolescent BPD: Clinical illustrations. *Personality Disorders: Theory, Research, and Treatment*, 8(2), 172-182. doi:10.1037/per0000161
- Boyd, R., Richerson, P. J., & Henrich, J. (2011). The cultural niche: why social learning is essential for human adaptation. *Proceedings of the National Academy of Sciences of the United States of America*, 108 Suppl 2, 10918-10925. doi:10.1073/pnas.1100290108
- Bressler, S. L., & Menon, V. (2010). Large-scale brain networks in cognition: emerging methods and principles. *Trends in Cognitive Sciences*, 14(6), 277-290. doi:10.1016/j.tics.2010.04.004
- Briere, J., & Elliot, D. M. (1993). Sexual Abuse, Family Environment, and Psychological Symptoms: On the Validity of Statistical Control. *Journal of Consulting and Clinical Psychology*, 61(2), 284-288.
- Brown, J. D. (2010). High self-esteem buffers negative feedback: Once more with feeling. *Cognition & Emotion*, 24(8), 1389-1404. doi:10.1080/02699930903504405

- Brummelman, E., & Thomaes, S. (2017). How Children Construct Views of Themselves: A Social-Developmental Perspective. *Child Development*, 88(6), 1763-1773. doi:10.1111/cdev.12961
- Buckner, R. L., Andrews-Hanna, J. R., & Schacter, D. L. (2008). The brain's default network: anatomy, function, and relevance to disease. *Annals of the New York Academy of Sciences*, 1124, 1-38. doi:10.1196/annals.1440.011
- Burgess, N., Maguire, E. A., & O'Keefe, J. (2002). The Human Hippocampus and Spatial and Episodic Memory. *Neuron*, 35(625-641).
- Burke, P. J., & Stets, J. E. (1999). Trust and Commitment through Self-Verification. *Social Psychology Quarterly*, 62(4), 347-366.
- Cabeza, R., & St Jacques, P. (2007). Functional neuroimaging of autobiographical memory. *Trends in Cognitive Sciences*, 11(5), 219-227. doi:10.1016/j.tics.2007.02.005
- Cacioppo, S., Frum, C., Asp, E., Weiss, R. M., Lewis, J. W., & Cacioppo, J. T. (2013). A quantitative meta-analysis of functional imaging studies of social rejection. *Scientific Reports*, 3, 2027. doi:10.1038/srep02027
- Campbell, J. D., Assanand, S., & Di Paula, A. (2003). The Structure of Self-Concept and Its Relation to Psychological Adjustment. *Journal of Personality*, 71(1), 115-140.
- Campbell, J. D., Trapnell, P. D., Heine, S. J., Katz, I. M., Lavallee, L. F., & Lehman, D. R. (1996). Self-Concept Clarity: Measurement, Personality Correlates, and Cultural Boundaries. *Journal of Personality and Social Psychology*, 70(1), 141-156.
- Carr, L., Iacoboni, M., Dubeau, M. C., Mazziotta, J. C., & Lenzi, G. L. (2003). Neural mechanisms of empathy in humans: a relay from neural systems for imitation to limbic areas. *Proceedings of the National Academy of Sciences of the United States of America*, 100(9), 5497-5502. doi:10.1073/pnas.0935845100
- Carter, P. E., & Grenyer, B. F. S. (2012). Expressive language disturbance in borderline personality disorder in response to emotional autobiographical stimuli. *Journal of Personality Disorders*, 26(3), 305-321.
- Castellanos, F. X., Di Martino, A., Craddock, R. C., Mehta, A. D., & Milham, M. P. (2013). Clinical applications of the functional connectome. *Neuroimage*, 80, 527-540. doi:10.1016/j.neuroimage.2013.04.083
- Cavanna, A. E., & Trimble, M. R. (2006). The precuneus: a review of its functional anatomy and behavioural correlates. *Brain*, 129(Pt 3), 564-583. doi:10.1093/brain/awl004
- Chen, S., Boucher, H. C., & Tapias, M. P. (2006). The relational self revealed: integrative conceptualization and implications for interpersonal life. *Psychological Bulletin*, 132(2), 151-179. doi:10.1037/0033-2909.132.2.151
- Chen, S., English, T., & Peng, K. (2006). Self-verification and contextualized self-views. *Personality and social psychology bulletin*, 32(7), 930-942. doi:10.1177/0146167206287539
- Cheng, H., & Puce, A. (2014). Reducing respiratory effect in motion correction for fMRI images with sequential slice acquisition order. *Journal of Neuroscience Methods*, 227, 83-89. doi:10.1016/j.jneumeth.2014.02.007
- Chiu, C. D., Chang, J.-H., & Hui, C. M. (2017). Self-concept integration and differentiation in subclinical individuals with dissociation proneness. *Self and Identity*, 16(6), 664-683. doi:10.1080/15298868.2017.1296491
- Chiu, C. D., & Yeh, Y. Y. (2018). In your shoes or mine? Shifting from other to self perspective is vital for emotional empathy. *Emotion*, 18(1), 39-45. doi:10.1037/emo0000346
- Cicchetti, D., Rogosch, F. A., Maughan, A., Toth, S. L., & Bruce, J. (2003). False belief understanding in maltreated children. *Development and Psychopathology*, 15, 1067-1091.
- Cole, P. M., Llera, S. J., & Pemberton, C. K. (2009). Emotional instability, poor emotional awareness, and the development of borderline personality. *Development and Psychopathology*, 21(4), 1293-1310. doi:10.1017/S0954579409990162
- Cole, P. M., & Putnam, F. W. (1992). The Effects of Incest on Self and Social Functioning: A Developmental Psychopathology Perspective. *Journal of Consulting and Clinical Psychology*, 60(2), 174-184.
- Conway, M. A., & Pleydell-Pearce, C. W. (2000). The Construction of Autobiographical Memories in the Self-Memory System. *Psychological Review*, 107(2), 261-288. doi:10.1037/0033-295X
- Conway, M. A., Pleydell-Pearce, C. W., & Whitecross, S. E. (2001). The Neuroanatomy of Autobiographical Memory: A Slow Cortical Potential Study of Autobiographical Memory Retrieval. *Journal of Memory and Language*, 45(3), 493-524. doi:10.1006/jmla.2001.2781
- Conway, M. A., Singer, J. A., & Tagini, A. (2004). The self and autobiographical memory: correspondence and coherence. *Social Cognition*, 22(5), 491-529.

- Cox, D. D., & Savoy, R. L. (2003). Functional magnetic resonance imaging (fMRI) "brain reading": detecting and classifying distributed patterns of fMRI activity in human visual cortex. *Neuroimage*, 19(2), 261-270. doi:10.1016/s1053-8119(03)00049-1
- Craddock, R. C., Holtzheimer, P. E., 3rd, Hu, X. P., & Mayberg, H. S. (2009). Disease state prediction from resting state functional connectivity. *Magnetic Resonance in Medicine*, 62(6), 1619-1628. doi:10.1002/mrm.22159
- Craig, A. D. (2009). How do you feel - now? The anterior insula and human awareness. *Nature Reviews Neuroscience*, 10, 59-70.
- Craig, A. D. (2011). Significance of the insula for the evolution of human awareness of feelings from the body. *Annals of the New York Academy of Sciences*, 1225, 72-82. doi:10.1111/j.1749-6632.2011.05990.x
- Cristea, I. A., Gentili, C., Cotet, C. D., Palomba, D., Barbui, C., & Cuijpers, P. (2017). Efficacy of Psychotherapies for Borderline Personality Disorder: A Systematic Review and Meta-analysis. *JAMA Psychiatry*, 74(4), 319-328. doi:10.1001/jamapsychiatry.2016.4287
- Cross, S. E., & Markus, H. R. (1999). The Cultural Constitution of Personality. In L. A. Pervin & O. P. John (Eds.), *Handbook of Personality: theory and research* (2nd ed., pp. 378-396). New York: Guilford Press.
- Csibra, G., & Gergely, G. (2009). Natural pedagogy. *Trends in Cognitive Sciences*, 13(4), 148-153. doi:10.1016/j.tics.2009.01.005
- Dadi, K., Rahim, M., Abraham, A., Chyzyk, D., Milham, M., Thirion, B., . . . Alzheimer's Disease Neuroimaging, I. (2019). Benchmarking functional connectome-based predictive models for resting-state fMRI. *Neuroimage*, 192, 115-134. doi:10.1016/j.neuroimage.2019.02.062
- Dalgleish, T., Walsh, N. D., Mobbs, D., Schweizer, S., van Harmelen, A. L., Dunn, B., . . . Stretton, J. (2017). Social pain and social gain in the adolescent brain: A common neural circuitry underlying both positive and negative social evaluation. *Scientific Reports*, 7, 42010. doi:10.1038/srep42010
- Daros, A. R., Zakzanis, K. K., & Ruocco, A. C. (2013). Facial emotion recognition in borderline personality disorder. *Psychological Medicine*, 43(9), 1953-1963. doi:10.1017/S0033291712002607
- Daselaar, S. M., Rice, H. J., Greenberg, D. L., Cabeza, R., LaBar, K. S., & Rubin, D. C. (2008). The spatiotemporal dynamics of autobiographical memory: neural correlates of recall, emotional intensity, and reliving. *Cerebral Cortex*, 18(1), 217-229. doi:10.1093/cercor/bhm048
- Dauphin, J., Lecomte, C., Bouchard, M.-A., Cyr, J., & David, P. (2013). Mentalization and autobiographical memory as clinical components of the self and identity. *Psihologija*, 46(2), 143-160. doi:10.2298/psi1302143d
- Deckers, J. W., Lobbestael, J., van Wingen, G. A., Kessels, R. P., Arntz, A., & Egger, J. I. (2015). The influence of stress on social cognition in patients with borderline personality disorder. *Psychoneuroendocrinology*, 52, 119-129. doi:10.1016/j.psyneuen.2014.11.003
- Deen, B., Pitskel, N. B., & Pelphrey, K. A. (2011). Three Systems of Insular Functional Connectivity Identified with Cluster Analysis. *Cerebral Cortex*, 21, 1498-1506.
- Dehue, T. (2014). *Betere mensen. Over gezondheid als keuze en koopwaar*. Amsterdam: Augustus.
- Del Pinal, G., & Nathan, M. J. (2013). There and up again: on the uses and misuses of neuroimaging in psychology. *Cognitive Neuropsychology*, 30(4), 233-252. doi:10.1080/02643294.2013.846254
- Desikan, R. S., Segonne, C., Fischl, B., Quinn, B. T., Dickerson, B. C., Blacker, D., . . . Killiany, R. J. (2006). An automated labeling system for subdividing the human cerebral cortex on MRI scans into gyral based regions of interest. *Neuroimage*, 31(3), 968-980. doi:10.1016/j.neuroimage.2006.01.021
- Diedrichsen, J., Balsters, J. H., Flavell, J., Cussans, E., & Ramnani, N. (2009). A probabilistic MR atlas of the human cerebellum. *Neuroimage*, 46(1), 39-46. doi:10.1016/j.neuroimage.2009.01.045
- Dixon, M. L., Fox, K. C., & Christoff, K. (2014). A framework for understanding the relationship between externally and internally directed cognition. *Neuropsychologia*, 62, 321-330. doi:10.1016/j.neuropsychologia.2014.05.024
- Donaldson, P. H., Rinehart, N. J., & Enticott, P. G. (2015). Noninvasive stimulation of the temporoparietal junction: A systematic review. *Neuroscience and Biobehavioral Reviews*, 55, 547-572. doi:10.1016/j.neubiorev.2015.05.017
- Dritschel, B., Beltsos, S., & McClintock, S. M. (2014). An "alternating instructions" version of the Autobiographical Memory Test for assessing autobiographical memory specificity in non-clinical populations. *Memory*, 22(8), 881-889. doi:10.1080/09658211.2013.839710

- Drysdale, A. T., Grosenick, L., Downar, J., Dunlop, K., Mansouri, F., Meng, Y., . . . Liston, C. (2017). Resting-state connectivity biomarkers define neurophysiological subtypes of depression. *Nature Medicine*, 23(1), 28-38. doi:10.1038/nm.4246
- Duijsens, I. J., Eurelings-Bontekoe, E. H. M., & Diekstra, R. F. W. (1996). The VKP, a self-report instrument for DSM-III-R and ICD-10 personality disorders: construction and psychometric properties. *Personality and Individual Differences*, 20, 171-182.
- Dunbar, R. I. (2009). The social brain hypothesis and its implications for social evolution. *Annals of Human Biology*, 36(5), 562-572. doi:10.1080/03014460902960289
- Ebert, A., Kolb, M., Heller, J., Edel, M. A., Roser, P., & Brune, M. (2013). Modulation of interpersonal trust in borderline personality disorder by intranasal oxytocin and childhood trauma. *Social Neuroscience*, 8(4), 305-313. doi:10.1080/17470919.2013.807301
- Ebner-Priemer, U. W., Kuo, J., Welch, S. S., Thielgen, T., Witte, S., Bohus, M., & Linehan, M. M. (2006). A valence-dependent group-specific recall bias of retrospective self-reports: a study of borderline personality disorder in everyday life. *Journal of Nervous and Mental Disease*, 194(10), 774-779. doi:10.1097/01.nmd.0000239900.46595.72
- Edwards, A., Shipman, K., & Brown, A. (2005). The socialization of emotional understanding: a comparison of neglectful and nonneglectful mothers and their children. *Child Maltreatment*, 10(3), 293-304. doi:10.1177/1077559505278452
- Egeland, B. (2009). Taking stock: childhood emotional maltreatment and developmental psychopathology. *Child Abuse and Neglect*, 33(1), 22-26. doi:10.1016/j.chiabu.2008.12.004
- Eisenberger, N. I. (2015). Meta-analytic evidence for the role of the anterior cingulate cortex in social pain. *Social Cognitive and Affective Neuroscience*, 10(1), 1-2. doi:10.1093/scan/nsu120
- Eisenberger, N. I., Inagaki, T. A., Muscatell, K. A., Byrne Haltom, K. E., & Leary, M. R. (2011). The Neural Sociometer: Brain Mechanisms Underlying State Self-Esteem. *Journal of Cognitive Neuroscience*, 23(11), 3448-3455.
- Eklund, A., Nichols, T. E., & Knutsson, H. (2016). Cluster failure: Why fMRI inferences for spatial extent have inflated false-positive rates. *Proceedings of the National Academy of Sciences of the United States of America*, 113(28), 7900-7905. doi:10.1073/pnas.1602413113
- Engelhard, I. M., van Uijen, S. L., & van den Hout, M. A. (2010). The impact of taxing working memory on negative and positive memories. *Eur J Psychotraumatol*, 1. doi:10.3402/ejpt.v1i0.5623
- Esslen, M., Metzler, S., Pascual-Marqui, R., & Jancke, L. (2008). Pre-reflective and reflective self-reference: a spatiotemporal EEG analysis. *Neuroimage*, 42(1), 437-449. doi:10.1016/j.neuroimage.2008.01.060
- Etkin, A., Egner, T., & Kalisch, R. (2011). Emotional processing in anterior cingulate and medial prefrontal cortex. *Trends in Cognitive Sciences*, 15(2), 85-93. doi:10.1016/j.tics.2010.11.004
- Feinberg, T. E. (2011). Neuropathologies of the self: clinical and anatomical features. *Consciousness and Cognition*, 20(1), 75-81. doi:10.1016/j.concog.2010.09.017
- Fertuck, E. A., Grinband, J., & Stanley, B. (2013). Facial trust appraisal negatively biased in borderline personality disorder. *Psychiatry Research*, 207(3), 195-202. doi:10.1016/j.psychres.2013.01.004
- Fertuck, E. A., Jekal, A., Song, I., Wyman, B., Morris, M. C., Wilson, S. T., . . . Stanley, B. (2009). Enhanced 'Reading the Mind in the Eyes' in borderline personality disorder compared to healthy controls. *Psychological Medicine*, 39(12), 1979-1988. doi:10.1017/S003329170900600X
- Finn, E. S., Scheinost, D., Finn, D. M., Shen, X., Papademetris, X., & Constable, R. T. (2017). Can brain state be manipulated to emphasize individual differences in functional connectivity? *Neuroimage*, 160, 140-151. doi:10.1016/j.neuroimage.2017.03.064
- First, M. B., & Gibbon, M. (1997). *User's guide for the structural clinical interview for DSM-IV axis I disorders: SCID I clinician version*. Washington, DC: American Psychiatric Publisher.
- First, M. B., Gibbon, M., Spitzer, R. L., Williams, J. B. M., & Benjamin, L. S. (2000). *Structured Clinical Interview for DSM-IV Axis II Personality Disorders, (SCID-II)*. Washington D.C.: American Psychiatric Press, Inc.
- First, M. B., Spitzer, R. L., Gibbon, M., & Williams, J. B. W. (1997). *Structured Clinical Interview for DSM-IV-TR Axis I Disorders (SCID-I/P)* (M. A. C. van Groenestijn, G. W. Akkerhuis, R. W. Kupka, N. Schneider, & W. A. Nolen, Trans.). New York: Biometrics Research, New York State Psychiatric Institute.
- Fivush, R. (2011). The development of autobiographical memory. *Annual Review of Psychology*, 62, 559-582. doi:10.1146/annurev.psych.121208.131702

- Fleming, J. S., & Courtney, B. E. (1984). The Dimensionality of Self-Esteem: II. Hierarchical Facet Model for Revised Measurement Scales. *Journal of Personality and Social Psychology*, 46(2), 404-421.
- Foland-Ross, L. C., Cooney, R. E., Joormann, J., Henry, M. L., & Gotlib, I. H. (2014). Recalling happy memories in remitted depression: a neuroimaging investigation of the repair of sad mood. *Cognitive, Affective & Behavioral Neuroscience*, 14(2), 818-826. doi:10.3758/s13415-013-0216-0
- Fonagy, P., & Allison, E. (2014). The role of mentalizing and epistemic trust in the therapeutic relationship. *Psychotherapy*, 51(3), 372-380. doi:10.1037/a0036505
- Fonagy, P., Gergely, G., & Target, M. (2007). The parent-infant dyad and the construction of the subjective self. *Journal of Child Psychology and Psychiatry*, 48(3-4), 288-328. doi:10.1111/j.1469-7610.2007.01727.x
- Fonagy, P., Luyten, P., & Allison, E. (2015). Epistemic Petrification and the Restoration of Epistemic Trust: a New Conceptualization of Borderline Personality Disorder and its Psychosocial Treatment. *Journal of Personality Disorders*, 29(5), 575-609.
- Ford, M. B., & Collins, N. L. (2013). Self-esteem Moderates the Effects of Daily Rejection on Health and Well-being. *Self and Identity*, 12(1), 16-38. doi:10.1080/15298868.2011.625647
- Fossati, P., Hevenor, S. J., Graham, S. J., Grady, C., Keightley, M. L., Craik, F., & Meyberg, H. (2003). In Search of the Emotional Self: An fMRI study using Positive and Negative Emotional Words. *American Journal of Psychiatry*, 160, 1938-1945.
- Fox, M. D., Snyder, A. Z., Vincent, J. L., Corbetta, M., Van Essen, D. C., & Raichle, M. E. (2005). The human brain is intrinsically organized into dynamic, anticorrelated functional networks. *Proceedings of the National Academy of Sciences of the United States of America*, 102(27), 9673-9678. doi:10.1073/pnas.0504136102
- Franck, E., De Raedt, R., Barbez, C., & Rosseel, Y. (2008). Psychometric Properties of the Dutch Rosenberg Self-Esteem Scale. *Psychologica Belgica*, 48(1), 25-34.
- Frazier, J. A., Chiu, S., Breeze, J. L., Makris, N., Lange, N., Kennedy, D. N., . . . Biederman, J. (2005). Structural brain magnetic resonance imaging of limbic and thalamic volumes in pediatric bipolar disorder. *American Journal of Psychiatry*, 162(7), 1256-1265.
- Frewen, P. A., Dozois, D. J., Neufeld, R. W., Densmore, M., Stevens, T. K., & Lanius, R. A. (2011). Neuroimaging social emotional processing in women: fMRI study of script-driven imagery. *Social Cognitive and Affective Neuroscience*, 6(3), 375-392. doi:10.1093/scan/nsq047
- Frith, C. D., & Frith, U. (2006). The neural basis of mentalizing. *Neuron*, 50(4), 531-534. doi:10.1016/j.neuron.2006.05.001
- Fulford, J., Milton, F., Salas, D., Smith, A., Simler, A., Winlove, C., & Zeman, A. (2017). The neural correlates of visual imagery vividness - An fMRI study and literature review. *Cortex*. doi:10.1016/j.cortex.2017.09.014
- Gallese, V., Keysers, C., & Rizzolatti, G. (2004). A unifying view of the basis of social cognition. *Trends in Cognitive Sciences*, 8(9), 396-403. doi:10.1016/j.tics.2004.07.002
- Germans, S., van Heck, G. L., Moran, P., & Hodiamont, P. P. G. (2008). The Self-report Standardized Assessment of Personality-abbreviated Scale: Preliminary results of a brief screening test for personality disorders. *Personality and Mental Health*, 2, 70-76.
- Gibb, B. E. (2002). Childhood maltreatment and negative cognitive styles A quantitative and qualitative review. *Clinical Psychology Review*, 22, 223-246.
- Giesen-Bloo, J. H., Wachters, L. M., Schouten, E., & Arntz, A. (2010). The Borderline Personality Disorder Severity Index-IV: Psychometric evaluation and dimensional structure. *Personality and Individual Differences*, 49(2), 136-141. doi:10.1016/j.paid.2010.03.023
- Gilbert, R., Widom, C. S., Browne, K., Fergusson, D., Webb, E., & Janson, S. (2009). Burden and consequences of CM. *Lancet*, 373, 68-81. doi:10.1016/S01406736(08)61706-7
- Gilboa, A. (2004). Autobiographical and episodic memory--one and the same? Evidence from prefrontal activation in neuroimaging studies. *Neuropsychologia*, 42(10), 1336-1349. doi:10.1016/j.neuropsychologia.2004.02.014
- Gilmore, A. W., Nelson, S. M., & McDermott, K. B. (2015). A parietal memory network revealed by multiple MRI methods. *Trends in Cognitive Sciences*, 19(9), 534-543. doi:10.1016/j.tics.2015.07.004
- Goldstein, J. M., Seidman, L. J., Makris, N., Ahern, T., O'Brien, L. M., Caviness, V. S., Jr., . . . Tsuang, M. T. (2007). Hypothalamic abnormalities in schizophrenia: sex effects and genetic vulnerability. *Biological Psychiatry*, 61(8), 935-945. doi:10.1016/j.biopsych.2006.06.027

- Gorgolewski, K. J., Varoquaux, G., Rivera, G., Schwarz, Y., Ghosh, S. S., Maumet, C., . . . Margulies, D. S. (2015). NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. *Frontiers in Neuroinformatics*, 9, 8. doi:10.3389/fninf.2015.00008
- Grant, B. F., Chou, S. P., Goldstein, R. B., Huang, B., Stinson, F. S., Saha, T. D., . . . Ruan, W. J. (2008). Prevalence, Correlates, Disability, and Comorbidity of DSM-IV Borderline Personality Disorder: Results From the Wave 2 National Epidemiologic Survey on Alcohol and Related Conditions. *Journal of Clinical Psychiatry*, 69(4), 533-545.
- Gratz, K. L., & Roemer, L. (2004). Multidimensional Assessment of Emotion Regulation and Dysregulation: Development, Factor Structure, and Initial Validation of the Difficulties in Emotion Regulation Scale. *Journal of Psychopathology and Behavioral Assessment*, 26(1), 41-54.
- Gray-Little, B., Williams, V. S. L., & Hancock, T. D. (1997). An Item Response Theory Analysis of the Rosenberg Self-Esteem Scale. *Personality and Social Psychology Bulletin*, 23(5), 443-451.
- Greenberg, D. L., & Knowlton, B. J. (2014). The role of visual imagery in autobiographical memory. *Memory and Cognition*, 42(6), 922-934. doi:10.3758/s13421-014-0402-5
- Grol, M., Vingerhoets, G., & De Raedt, R. (2017). Mental imagery of positive and neutral memories: A fMRI study comparing field perspective imagery to observer perspective imagery. *Brain and Cognition*, 111, 13-24. doi:10.1016/j.bandc.2016.09.014
- Grosjean, B., & Tsai, E. G. (2007). NMDA neurotransmission as a critical mediator of borderline personality disorder. *Journal of Psychiatry and Neuroscience*, 32(2), 103-115.
- Gu, X., Hof, P. R., Friston, K. J., & Fan, J. (2013). Anterior insular cortex and emotional awareness. *Journal of Comparative Neurology*, 521(15), 3371-3388. doi:10.1002/cne.23368
- Gunderson, J. G. (2007). Disturbed relationships as a phenotype for borderline personality disorder. *The American Journal of Psychiatry*, 164(11), 1637-1640. doi:10.1176/appi.ajp.2007.07071125
- Gunderson, J. G., Stout, R. L., McGlashan, T. H., Shea, M. T., Morey, L. C., Grilo, C. M., . . . Skodol, A. E. (2011). Ten-year course of borderline personality disorder: psychopathology and function from the Collaborative Longitudinal Personality Disorders study. *Archives of General Psychiatry*, 68(8), 827-837. doi:10.1001/archgenpsychiatry.2011.37
- Gunther Moor, B., Op de Macks, Z. A., Güroglu, B., Rombouts, S. A. R. B., Van der Molen, M. W., & Crone, E. A. (2012). Neurodevelopmental changes of reading the mind in the eyes. *Social Cognitive and Affective Neuroscience*, 7, 44-52.
- Gutz, L., Renneberg, B., Roepke, S., & Niedeggen, M. (2015). Neural processing of social participation in borderline personality disorder and social anxiety disorder. *Journal of Abnormal Psychology*, 124(2), 421-431. doi:10.1037/a0038614
- Gyurak, A., Hooker, C. I., Miyakawa, A., Verosky, S., Luerssen, A., & Ayduk, O. N. (2012). Individual differences in neural responses to social rejection: the joint effect of self-esteem and attentional control. *Social Cognitive and Affective Neuroscience*, 7(3), 322-331. doi:10.1093/scan/nsr014
- Ha, C., Sharp, C., Ensink, K., Fonagy, P., & Cirino, P. (2013). The measurement of reflective function in adolescents with and without borderline traits. *Journal of Adolescence*, 36(6), 1215-1223. doi:10.1016/j.adolescence.2013.09.008
- Habermas, T., & Diel, V. (2013). The episodicity of verbal reports of personally significant autobiographical memories: vividness correlates with narrative text quality more than with detailedness or memory specificity. *Frontiers in Behavioral Neuroscience*, 7, 110. doi:10.3389/fnbeh.2013.00110
- Hall, K., & Moran, P. (2019). Borderline personality disorder: an update for neurologists. *Practical Neurology*. doi:10.1136/practneurol-2019-002292
- Hames, J. L., Hagan, C. R., & Joiner, T. E. (2013). Interpersonal processes in depression. *Annual Review of Clinical Psychology*, 9, 355-377. doi:10.1146/annurev-clinpsy-050212-185553
- Hardt, J., & Rutter, M. (2004). Validity of adult retrospective reports of adverse childhood experiences: review of the evidence. *Journal of Child Psychology and Psychiatry*, 45(2), 260-273.
- Harris, C. B., Rasmussen, A. S., & Berntsen, D. (2014). The functions of autobiographical memory: an integrative approach. *Memory*, 22(5), 559-581. doi:10.1080/09658211.2013.806555
- Harter, S., Alexander, P. C., & Neimeyer, R. A. (1988). Long-term Effects of Incestuous Child Abuse in College Women: Social Adjustment, Social Cognition and Family Characteristics. *Journal of Consulting and Clinical Psychology*, 56(1), 5-8.

- Haynes, J. D., & Rees, G. (2006). Decoding mental states from brain activity in humans. *Nature Reviews: Neuroscience*, 7(7), 523-534. doi:10.1038/nrn1931
- Herbet, G., Lafargue, G., Bonnetblanc, F., Moritz-Gasser, S., Menjot de Champfleury, N., & Duffau, H. (2014). Inferring a dual-stream model of mentalizing from associative white matter fibres disconnection. *Brain*, 137(Pt 3), 944-959. doi:10.1093/brain/awt370
- Hermans, E. J., Battaglia, F. P., Atsak, P., de Voogd, L. D., Fernandez, G., & Rozenendaal, B. (2014). How the amygdala affects emotional memory by altering brain network properties. *Neurobiology of Learning and Memory*, 112, 2-16. doi:10.1016/j.nlm.2014.02.005
- Herrmann, E., Call, J., Hernández-Lloreda, M. V., Hare, B., & Tomasello, M. (2007). Humans Have Evolved Specialized Skills of Social Cognition: The Cultural Intelligence Hypothesis. *Science*, 317(5843), 1360-1366. doi:10.1126/science.1146282
- Hetu, S., Gregoire, M., Sainpont, A., Coll, M. P., Eugene, F., Michon, P. E., & Jackson, P. L. (2013). The neural network of motor imagery: an ALE meta-analysis. *Neuroscience and Biobehavioral Reviews*, 37(5), 930-949. doi:10.1016/j.neubiorev.2013.03.017
- Higgins, E. T. (1987). Self-Discrepancy: A Theory Relating Self and Affect. *Psychological Review*, 94(3), 319-340.
- Hildyard, K. L., & Wolfe, D. A. (2002). Child neglect: developmental issues and outcomes. *Child Abuse and Neglect*, 26, 679-695.
- Hitchcock, C., Hammond, E., Rees, C., Panesar, I., Watson, P., Werner-Seidler, A., & Dalgleish, T. (2015). Memory Flexibility training (MemFlex) to reduce depressive symptomatology in individuals with major depressive disorder: study protocol for a randomised controlled trial. *Trials*, 16, 494. doi:10.1186/s13063-015-1029-y
- Hitchcock, C., Werner-Seidler, A., Blackwell, S. E., & Dalgleish, T. (2017). Autobiographical episodic memory-based training for the treatment of mood, anxiety and stress-related disorders: A systematic review and meta-analysis. *Clinical Psychology Review*, 52, 92-107. doi:10.1016/j.cpr.2016.12.003
- Holmes, E. A., Lang, T. J., Moulds, M. L., & Steele, A. M. (2008). Prospective and positive mental imagery deficits in dysphoria. *Behaviour Research and Therapy*, 46(8), 976-981. doi:10.1016/j.brat.2008.04.009
- Holmes, E. A., Mathews, A., Dalgleish, T., & Mackintosh, B. (2006). Positive interpretation training: effects of mental imagery versus verbal training on positive mood. *Behavior Therapy*, 37(3), 237-247. doi:10.1016/j.beth.2006.02.002
- Honor, G. (2012). Emotional maltreatment. *Journal of Pediatric Health Care*, 26(6), 436-442. doi:10.1016/j.pedhc.2011.05.004
- Hornsveld, H. K., Houtveen, J. H., Vroomen, M., Kapteijn, I., Aalbers, D., & van den Hout, M. A. (2011). Evaluating the Effect of Eye Movements on Positive Memories Such as Those Used in Resource Development and Installation. *Journal of EMDR Practice and Research*, 5(4), 146-155. doi:10.1891/1933-3196.5.4.146
- Hox, J. J. (2010). *Multilevel Analysis: Techniques and Applications* (2nd edition ed.). New York, NY: Routledge.
- Hughes, A. E., Crowell, S. E., Uyeji, L., & Coan, J. A. (2012). A developmental neuroscience of borderline pathology: emotion dysregulation and social baseline theory. *Journal of Abnormal Child Psychology*, 40(1), 21-33. doi:10.1007/s10802-011-9555-x
- Jacob, G. A., Arendt, J., Kolley, L., Scheel, C. N., Bader, K., Lieb, K., . . . Tuschler, O. (2011). Comparison of different strategies to decrease negative affect and increase positive affect in women with borderline personality disorder. *Behaviour Research and Therapy*, 49(1), 68-73. doi:10.1016/j.brat.2010.10.005
- James, G. A., Kelley, M. E., Craddock, R. C., Holtzheimer, P. E., Dunlop, B. W., Nemeroff, C. B., . . . Hu, X. P. (2009). Exploratory structural equation modeling of resting-state fMRI: applicability of group models to individual subjects. *Neuroimage*, 45(3), 778-787. doi:10.1016/j.neuroimage.2008.12.049
- Jensen, K., Vaish, A., & Schmidt, M. F. (2014). The emergence of human prosociality: aligning with others through feelings, concerns, and norms. *Frontiers in Psychology*, 5, 822. doi:10.3389/fpsyg.2014.00822
- Jing, H. G., Madore, K. P., & Schacter, D. L. (2016). Worrying about the future: An episodic specificity induction impacts problem solving, reappraisal, and well-being. *Journal of Experimental Psychology: General*, 145(4), 402-418. doi:10.1037/xge0000142
- Joormann, J., & Siemer, M. (2004). Memory accessibility, mood regulation, and dysphoria: difficulties in repairing sad mood with happy memories? *Journal of Abnormal Psychology*, 113(2), 179-188. doi:10.1037/0021-843X.113.2.179

- Joormann, J., Siemer, M., & Gotlib, I. H. (2007). Mood regulation in depression: Differential effects of distraction and recall of happy memories on sad mood. *Journal of Abnormal Psychology, 116*(3), 484-490. doi:10.1037/0021-843X.116.3.484
- Jorgensen, C. R. (2010). Invited essay: Identity and borderline personality disorder. *Journal of Personality Disorders, 24*(3), 344-364.
- Jorgensen, C. R., Berntsen, D., Bech, M., Kjolbye, M., Bennedsen, B. E., & Ramsgaard, S. B. (2012). Identity-related autobiographical memories and cultural life scripts in patients with Borderline Personality Disorder. *Consciousness and Cognition, 21*(2), 788-798. doi:10.1016/j.concog.2012.01.010
- Josephson, B. R. (1996). Mood Regulation and Memory: Repairing Sad Moods with Happy Memories. *Cognition and Emotion, 10*(4), 437-444. doi:10.1080/026999396380222
- Judd, P. H. (2005). Neurocognitive impairment as moderator in the development of borderline personality disorder. *Development and Psychopathology, 17*, 1173-1196. doi:10.1017/S0954579405050558
- Kelley, W. M., Macrae, C. N., Wyland, C. L., Caglar, S., Inati, S., & Heatherton, T. F. (2002). Finding the Self? An Event Related fMRI Study. *Journal of Cognitive Neuroscience, 14*(5), 785-794.
- Kerr, I. B., Finlayson-Short, L., McCutcheon, L. K., Beard, H., & Chanen, A. M. (2015). The 'Self' and Borderline Personality Disorder: Conceptual and Clinical Considerations. *Psychopathology, 48*(5), 339-348. doi:10.1159/000438827
- Keysers, C., Kaas, J. H., & Gazzola, V. (2010). Somatosensation in social cognition. *Nature Reviews Neuroscience, 11*, 417-428.
- Kim, H. (2018). Parietal control network activation during memory tasks may be associated with the co-occurrence of externally and internally directed cognition: A cross-function meta-analysis. *Brain Research, 1683*, 55-66. doi:10.1016/j.brainres.2018.01.022
- King-Casas, B., Sharp, C., Lomax-Bream, L., Lohrenz, T., Fonagy, P., & Montague, P. R. (2008). The Rupture and Repair of Cooperation in Borderline Personality Disorder. *Science, 321*(5890), 806-810. doi:10.1126/science.1156902
- Klein, S. B. (2016). Autonoetic consciousness: Reconsidering the role of episodic memory in future-oriented self-projection. *Quarterly Journal of Experimental Psychology (2006), 69*(2), 381-401. doi:10.1080/17470218.2015.1007150
- Kohler, C. A., Carvalho, A. F., Alves, G. S., McIntyre, R. S., Hyphantis, T. N., & Cammarota, M. (2015). Autobiographical Memory Disturbances in Depression: A Novel Therapeutic Target? *Neural Plasticity, 2015*, 759139. doi:10.1155/2015/759139
- Korn, C. W., La Rosee, L., Heekeren, H. R., & Roepke, S. (2016). Social feedback processing in borderline personality disorder. *Psychological Medicine, 46*(3), 575-587. doi:10.1017/S003329171500207X
- Korrelboom, K. (2011). *COMET voor negatief zelfbeeld*. Houten: Bohn Stafleu van Loghum.
- Korrelboom, K., Marissen, M., & van Assendelft, T. (2011). Competitive Memory Training (COMET) for low self-esteem in patients with personality disorders: a randomized effectiveness study. *Behavioural and Cognitive Psychotherapy, 39*(1), 1-19. doi:10.1017/S1352465810000469
- Kosslyn, S. M., Ganis, G., & Thompson, W. L. (2001). Neural foundations of imagery. *Nature Reviews Neuroscience, 2*, 635-642.
- Krakauer, J. W., Ghazanfar, A. A., Gomez-Marin, A., MacIver, M. A., & Poeppel, D. (2017). Neuroscience Needs Behavior: Correcting a Reductionist Bias. *Neuron, 93*(3), 480-490. doi:10.1016/j.neuron.2016.12.041
- Krause-Utz, A., Winter, D., Niedtfeld, I., & Schmahl, C. (2014). The latest neuroimaging findings in borderline personality disorder. *Curr Psychiatry Rep, 16*(3), 438. doi:10.1007/s11920-014-0438-z
- Kyung, Y., Yanes-Lukin, P., & Roberts, J. E. (2016). Specificity and detail in autobiographical memory: Same or different constructs? *Memory, 24*(2), 272-284. doi:10.1080/09658211.2014.1002411
- Lancaster, J. L., Woldorff, M. G., Parsons, L. M., Liotti, M., Freitas, C. S., Rainey, L., . . . Fox, P. T. (2000). Automated Talairach Atlas Labels for Functional Brain Mapping. *Human Brain Mapping, 10*, 120-131.
- Langley, G. C., & Klopfer, H. (2005). Trust as a foundation for the therapeutic intervention for patients with borderline personality disorder. *Journal of Psychiatric and Mental Health Nursing, 12*, 23-32.
- Lazarus, S. A., Cheavens, J. S., Festa, F., & Zachary Rosenthal, M. (2014). Interpersonal functioning in borderline personality disorder: a systematic review of behavioral and laboratory-based assessments. *Clinical Psychology Review, 34*(3), 193-205. doi:10.1016/j.cpr.2014.01.007
- Leary, M. R. (2005). Sociometer theory and the pursuit of relational value: Getting to the root of self-esteem. *European Review of Social Psychology, 16*(1), 75-111. doi:10.1080/10463280540000007

- Legrand, D., & Ruby, P. (2009). What is self-specific? Theoretical investigation and critical review of neuroimaging results. *Psychological Review*, 116(1), 252-282. doi:10.1037/a0014172
- Leichsenring, F., Leibling, E., Kruse, J., New, A. S., & Leweke, F. (2011). Borderline personality disorder. *The Lancet*, 377(9759), 74-84. doi:10.1016/s0140-6736(10)61422-5
- Lenzenweger, M. F., Lane, M. C., Loranger, A. W., & Kessler, R. C. (2007). DSM-IV Personality Disorders in the National Comorbidity Survey Replication. *Biological Psychiatry*, 62(6), 553-564.
- Levine, B. (2004). Autobiographical memory and the self in time: Brain lesion effects, functional neuroanatomy, and lifespan development. *Brain and Cognition*, 55(1), 54-68. doi:10.1016/s0278-2626(03)00280-x
- Lewis, K. L., & Grenyer, B. F. S. (2009). Borderline personality or complex Posttraumatic Stress Disorder? An update on the controversy. *Harvard Review of Psychiatry*, 17(5), 322-328.
- Libby, L. K. (2008). A neural signature of the current self. *Social Cognitive and Affective Neuroscience*, 3(3), 192-194. doi:10.1093/scan/nsn031
- Libby, L. K., & Eibach, R. P. (2002). Looking back in time: Self-concept change affects visual perspective in autobiographical memory. *Journal of Personality and Social Psychology*, 82(2), 167-179. doi:10.1037/0022-3514.82.2.167
- Libby, L. K., & Eibach, R. P. (2011). Visual Perspective in Mental Imagery (pp. 185-245).
- Lieb, K., Zanarini, M. C., Schmahl, C., Linehan, M. M., & Bohus, M. (2004). Borderline personality disorder. *The Lancet*, 364(9432), 453-461. doi:10.1016/s0140-6736(04)16770-6
- Lind, M., Jorgensen, C. R., Heinskou, T., Simonsen, S., Boye, R., & Thomsen, D. K. (2019). Patients with borderline personality disorder show increased agency in life stories after 12 months of psychotherapy. *Psychotherapy (Chic)*, 56(2), 274-284. doi:10.1037/pst0000184
- Lind, M., Thomsen, D. K., Bøye, R., Heinskou, T., Simonsen, S., & Jørgensen, C. R. (2019). Life Stories in BPD. *Scandinavian Journal of Psychology*. doi:10.1111/sjop.12529
- Lis, E., Greenfield, B., Henry, M., Guilé, J. M., & Dougherty, G. (2007). Neuroimaging and genetics of borderline personality disorder: a review. *Journal of Psychiatry and Neuroscience*, 32(3), 162-173.
- Lis, S., & Bohus, M. (2013). Social interaction in borderline personality disorder. *Current Psychiatric Reports*, 15(2), 338. doi:10.1007/s11920-012-0338-z
- Lombardo, M. V., Chakrabarti, B., Bullmore, E. T., Wheelwright, S. J., Sadek, S. A., Suckling, J., . . . Baron-Cohen, S. (2010). Shared Neural Circuits for Mentalizing about the Self and Others. *Journal of Cognitive Neuroscience*, 22(7), 1623-1635.
- Loranger, A. W. (1999). *IPDE: International personality disorder examination: DSM-IV and ICD-10 interviews*: PARS Psychological Assessment Resources.
- Luke, N., & Banerjee, R. (2013). Differentiated associations between childhood maltreatment experiences and social understanding: A meta-analysis and systematic review. *Developmental Review*, 33(1), 1-28. doi:10.1016/j.dr.2012.10.001
- Luyten, P., & Fonagy, P. (2015). The neurobiology of mentalizing. *Personal Disord*, 6(4), 366-379. doi:10.1037/per0000117
- Lysaker, P. H., Gumley, A., Brüne, M., Vanheule, S., Buck, K. D., & Dimaggio, G. (2011). Deficits in the ability to recognize one's own affects and those of others: Associations with neurocognition, symptoms and sexual trauma among persons with schizophrenia spectrum disorders. *Consciousness and Cognition*, 20, 1183-1192.
- Mak, A. K., Hu, Z. G., Zhang, J. X., Xiao, Z. W., & Lee, T. M. (2009). Neural correlates of regulation of positive and negative emotions: an fmri study. *Neuroscience Letters*, 457(2), 101-106. doi:10.1016/j.neulet.2009.03.094
- Makris, N., Goldstein, J. M., Kennedy, D., Hodge, S. M., Caviness, V. S., Faraone, S. V., . . . Seidman, L. J. (2006). Decreased volume of left and total anterior insular lobule in schizophrenia. *Schizophrenia Research*, 83(2-3), 155-171. doi:10.1016/j.schres.2005.11.020
- Marceau, E. M., Meuldijk, D., Townsend, M. L., Solowij, N., & Grenyer, B. F. S. (2018). Biomarker correlates of psychotherapy outcomes in borderline personality disorder: A systematic review. *Neuroscience and Biobehavioral Reviews*, 94, 166-178. doi:10.1016/j.neubiorev.2018.09.001
- Markus, H., & Cross, S. (1990). The interpersonal self. In L. A. Pervin (Ed.), *Handbook of Personality: theory and research* (1st ed., pp. 576-608). New York: Guilford Press.
- Markus, H., & Wurf, E. (1987). The Dynamic Self-Concept: A Social Psychological Perspective. *Annual Review of Psychology*, 38(299-337).

- Mars, R. B., Jbabdi, S., Sallet, J., O'Reilly, J. X., Croxson, P. L., Olivier, E., . . . Rushworth, M. F. (2011). Diffusion-weighted imaging tractography-based parcellation of the human parietal cortex and comparison with human and macaque resting-state functional connectivity. *The Journal of Neuroscience*, 31(11), 4087-4100. doi:10.1523/JNEUROSCI.5102-10.2011
- Mars, R. B., Neubert, F. X., Noonan, M. P., Sallet, J., Toni, I., & Rushworth, M. F. (2012). On the relationship between the "default mode network" and the "social brain". *Frontiers in Human Neuroscience*, 6, 189. doi:10.3389/fnhum.2012.00189
- Mars, R. B., Sallet, J., Schuffelgen, U., Jbabdi, S., Toni, I., & Rushworth, M. F. (2012). Connectivity-based subdivisions of the human right "temporoparietal junction area": evidence for different areas participating in different cortical networks. *Cerebral Cortex*, 22(8), 1894-1903. doi:10.1093/cercor/bhr268
- Marsh, L. E., & Hamilton, A. F. (2011). Dissociation of mirroring and mentalising systems in autism. *Neuroimage*, 56(3), 1511-1519. doi:10.1016/j.neuroimage.2011.02.003
- Martinelli, P., Sperduti, M., & Piolino, P. (2013). Neural substrates of the self-memory system: new insights from a meta-analysis. *Human Brain Mapping*, 34(7), 1515-1529. doi:10.1002/hbm.22008
- Mashek, D. J., Aron, A., & Boncimino, M. (2003). Confusions of Self with Close Others. *Personality and Social Psychology Bulletin*, 29(3), 382-392.
- Matsunaga, M. (2008). Item Parceling in Structural Equation Modeling: A Primer. *Communication Methods and Measures*, 2(4), 260-293. doi:10.1080/19312450802458935
- Matud, M. P. (2004). Gender differences in stress and coping styles. *Personality and Individual Differences*, 37(7), 1401-1415. doi:10.1016/j.paid.2004.01.010
- Matzke, B., Herpertz, S. C., Berger, C., Fleischer, M., & Domes, G. (2014). Facial reactions during emotion recognition in borderline personality disorder: a facial electromyography study. *Psychopathology*, 47(2), 101-110. doi:10.1159/000351122
- McCabe, C., Mishor, Z., Filippini, N., Cowen, P. J., Taylor, M. J., & Harmer, C. J. (2011). SSRI administration reduces resting state functional connectivity in dorso-medial prefrontal cortex. *Molecular Psychiatry*, 16(6), 592-594. doi:10.1038/mp.2010.138
- McCarthy-Jones, S., Knowles, R., & Rowse, G. (2012). More than words? Hypomanic personality traits, visual imagery and verbal thought in young adults. *Consciousness and Cognition*, 21(3), 1375-1381. doi:10.1016/j.concog.2012.07.004
- McLaren, D. G., Ries, M. L., Xu, G., & Johnson, S. C. (2012). A generalized form of context-dependent psychophysiological interactions (gPPI): a comparison to standard approaches. *Neuroimage*, 61(4), 1277-1286. doi:10.1016/j.neuroimage.2012.03.068
- Meares, R., Gerull, F., Stevenson, J., & Korner, A. (2011). Is self disturbance the core of borderline personality disorder? An outcome study of borderline personality factors. *Australian and New Zealand Journal of Psychiatry*, 45, 214-222.
- Mennes, M., Kelly, C., Zuo, X. N., Di Martino, A., Biswal, B. B., Castellanos, F. X., & Milham, M. P. (2010). Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. *Neuroimage*, 50(4), 1690-1701. doi:10.1016/j.neuroimage.2010.01.002
- Miano, A., Dziobek, I., & Roepke, S. (2017). Understanding Interpersonal Dysfunction in Borderline Personality Disorder: A Naturalistic Dyadic Study Reveals Absence of Relationship-Protective Empathic Inaccuracy. *Clinical Psychological Science*, 5(2), 355-366.
- Miano, A., Fertuck, E. A., Arntz, A., & Stanley, B. (2013). Rejection sensitivity is a mediator between borderline personality disorder features and facial trust appraisal. *Journal of Personality Disorders*, 27, 442-456.
- Miano, A., Weber, T., Roepke, S., & Dziobek, I. (2018). Childhood maltreatment and context dependent empathic accuracy in adult romantic relationships. *Psychological Trauma: Theory, Research, Practice and Policy*, 10(3), 309-318. doi:10.1037/tra0000296
- Mielke, E. L., Neukel, C., Bertsch, K., Reck, C., Mohler, E., & Herpertz, S. C. (2016). Maternal sensitivity and the empathic brain: Influences of early life maltreatment. *Journal of Psychiatric Research*, 77, 59-66. doi:10.1016/j.jpsychires.2016.02.013
- Mier, D., Lis, S., Esslinger, C., Sauer, C., Hagenhoff, M., Ulferts, J., . . . Kirsch, P. (2013). Neuronal correlates of social cognition in borderline personality disorder. *Social Cognitive and Affective Neuroscience*, 8(5), 531-537. doi:10.1093/scan/nss028

- Miller, C. E., Lewis, K. L., Huxley, E., Townsend, M. L., & Grenyer, B. F. S. (2018). A 1-year follow-up study of capacity to love and work: What components of borderline personality disorder most impair interpersonal and vocational functioning? *Personal Ment Health*, 12(4), 334-344. doi:10.1002/pmh.1432
- Molenberghs, P., Johnson, H., Henry, J. D., & Mattingley, J. B. (2016). Understanding the minds of others: A neuroimaging meta-analysis. *Neuroscience and Biobehavioral Reviews*, 65, 276-291. doi:10.1016/j.neubiorev.2016.03.020
- Molnar-Szakacs, I., & Uddin, L. Q. (2013). Self-processing and the default mode network: interactions with the mirror neuron system. *Frontiers in Human Neuroscience*, 7, 571. doi:10.3389/fnhum.2013.00571
- Moran, J. M., Lee, S. M., & Gabrieli, J. D. E. (2011). Dissociable Neural Systems Supporting Knowledge about Human Character and Appearance in Ourselves and Others. *Journal of Cognitive Neuroscience*, 23(9), 2202-2210.
- Morina, N., Deeprose, C., Pusowski, C., Schmid, M., & Holmes, E. A. (2011). Prospective mental imagery in patients with major depressive disorder or anxiety disorders. *Journal of Anxiety Disorders*, 25(8), 1032-1037. doi:10.1016/j.janxdis.2011.06.012
- Nazarov, A., Frewen, P., Parlar, M., Oremus, C., MacQueen, G., McKinnon, M., & Lanius, R. (2014). Theory of mind performance in woman with posttraumatic stress disorder related to childhood abuse. *Acta Psychiatrica Scandinavica*, 129, 193-201.
- Nelis, S., Holmes, E. A., Griffith, J. W., & Raes, F. (2014). Mental imagery during daily life: Psychometric evaluation of the Spontaneous Use of Imagery Scale (SUIS). *Psychologica Belgica*, 54(1), 19-32. doi:10.5334/pb.ag
- Neuhaus, A. H., & Popescu, F. C. (2018). Sample Size, Model Robustness, and Classification Accuracy in Diagnostic Multivariate Neuroimaging Analyses. *Biological Psychiatry*, 84(11), e81-e82. doi:10.1016/j.biopsych.2017.09.032
- Newton-Howes, G., Clark, L. A., & Chanen, A. (2015). Personality disorder across the life course. *Lancet*, 385, 727-734.
- Newton-Howes, G., Tyrer, P., Anagnostakis, K., Cooper, S., Bowden-Jones, O., Weaver, T., & team, C. s. (2010). The prevalence of personality disorder, its comorbidity with mental state disorders, and its clinical significance in community mental health teams. *Social Psychiatry and Psychiatric Epidemiology*, 45(4), 453-460. doi:10.1007/s00127-009-0084-7
- Nezlek, J. B., Kowalski, R. M., Leary, M. R., Blevins, T., & Holgate, S. (1997). Personality Moderators of Reactions to Interpersonal Rejection: Depression and Trait Self-Esteem. *Personality and Social Psychology Bulletin*, 23(12), 1235-1244. doi:10.1177/01461672972312001
- Ng, F. Y., Bourke, M. E., & Grenyer, B. F. (2016). Recovery from Borderline Personality Disorder: A Systematic Review of the Perspectives of Consumers, Clinicians, Family and Carers. *PLoS One*, 11(8), e0160515. doi:10.1371/journal.pone.0160515
- Nicol, K., Pope, M., Sprengelmeyer, R., Young, A. W., & Hall, J. (2013). Social judgement in borderline personality disorder. *PLoS One*, 8(11), e73440. doi:10.1371/journal.pone.0073440
- Nolte, T., Bolling, D. Z., Hudac, C. M., Fonagy, P., Mayes, L., & Pelphrey, K. A. (2013). Brain mechanisms underlying the impact of attachment-related stress on social cognition. *Frontiers in Human Neuroscience*, 7, 816. doi:10.3389/fnhum.2013.00816
- Norman, K. A., Polyn, S. M., Detre, G. J., & Haxby, J. V. (2006). Beyond mind-reading: multi-voxel pattern analysis of fMRI data. *Trends in Cognitive Sciences*, 10(9), 424-430. doi:10.1016/j.tics.2006.07.005
- Northoff, G., Heinzel, A., de Greck, M., Bermpohl, F., Dobrowolny, H., & Panksepp, J. (2006). Self-referential processing in our brain--a meta-analysis of imaging studies on the self. *Neuroimage*, 31(1), 440-457. doi:10.1016/j.neuroimage.2005.12.002
- Oakley, B. F., Brewer, R., Bird, G., & Catmur, C. (2016). Theory of mind is not theory of emotion: A cautionary note on the Reading the Mind in the Eyes Test. *Journal of Abnormal Psychology*, 125(6), 818-823. doi:10.1037/abn0000182
- Ochsner, K. N., Beer, J. S., Robertson, E. R., Cooper, J. C., Gabrieli, J. D., Kihlstrom, J. F., & D'Esposito, M. (2005). The neural correlates of direct and reflected self-knowledge. *Neuroimage*, 28(4), 797-814. doi:10.1016/j.neuroimage.2005.06.069
- Ono, M., Devilly, G. J., & Shum, D. H. (2016). A meta-analytic review of overgeneral memory: The role of trauma history, mood, and the presence of posttraumatic stress disorder. *Psychological Trauma: Theory, Research, Practice and Policy*, 8(2), 157-164. doi:10.1037/tra0000027

- Onoda, K., Okamoto, Y., Nakashima, K., Nittono, H., Yoshimura, S., Yamawaki, S., . . . Ura, M. (2010). Does low self-esteem enhance social pain? The relationship between trait self-esteem and anterior cingulate cortex activation induced by ostracism. *Social Cognitive and Affective Neuroscience*, 5(4), 385-391. doi:10.1093/scan/nsq002
- Oud, M., Arntz, A., Hermens, M. L. M., Verhoef, R., & Kendall, T. (2018). Specialized psychotherapies for adults with borderline personality disorder: A systematic review and meta-analysis. *Australian and New Zealand Journal of Psychiatry*, 52(10), 949-961.
- Over, H. (2016). The origins of belonging: social motivation in infants and young children. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences*, 371, 1-8.
- Overgaauw, S., van Duijvenvoorde, A. C., Gunther Moor, B., & Crone, E. A. (2015). A longitudinal analysis of neural regions involved in reading the mind in the eyes. *Social Cognitive and Affective Neuroscience*, 10(5), 619-627. doi:10.1093/scan/nsu095
- Pais-Vieira, C., Wing, E. A., & Cabeza, R. (2016). The influence of self-awareness on emotional memory formation: an fMRI study. *Social Cognitive and Affective Neuroscience*, 11(4), 580-592. doi:10.1093/scan/nsv141
- Palombo, D. J., Sheldon, S., & Levine, B. (2018). Individual Differences in Autobiographical Memory. *Trends in Cognitive Sciences*, 22(7), 583-597. doi:10.1016/j.tics.2018.04.007
- Pedregosa, F., Varoquaux, G., Gramfort, A., Michel, V., Thirion, B., Grisel, O., . . . Duchesnay, E. (2011). Scikit-learn: Machine Learning in Python. *Journal of Machine Learning Research*, 12, 2825-2830.
- Pessoa, L. (2014). Understanding brain networks and brain organization. *Phys Life Rev*, 11(3), 400-435. doi:10.1016/j.plrev.2014.03.005
- Phan, K. L., Taylor, S. F., Welsh, R. C., Ho, S. H., Britton, J. C., & Liberzon, I. (2004). Neural correlates of individual ratings of emotional salience: a trial-related fMRI study. *Neuroimage*, 21(2), 768-780. doi:10.1016/j.neuroimage.2003.09.072
- Philippe, F. L., Lecours, S., & Beaulieu-Pelletier, G. (2009). Resilience and positive emotions: examining the role of emotional memories. *Journal of Personality*, 77(1), 139-175. doi:10.1111/j.1467-6494.2008.00541.x
- Phillipi, C. L., Duff, M. C., Denburg, N. L., Tranel, D., & Rudrauf, D. (2012). Medial PFC Damage Abolishes the Self-Reference Effect. *Journal of Cognitive Neuroscience*, 24(2), 475-481.
- Pillemer, D. B. (2001). Momentous Events and the Life Story. *Review of General Psychology*, 5(2), 123-134.
- Pillemer, D. B. (2003). Directive functions of autobiographical memory: the guiding power of the specific episode. *Memory*, 11(2), 193-202. doi:10.1080/741938208
- Poldrack, R. A. (2011). Inferring mental states from neuroimaging data: from reverse inference to large-scale decoding. *Neuron*, 72(5), 692-697. doi:10.1016/j.neuron.2011.11.001
- Poldrack, R. A., & Gorgolewski, K. J. (2017). OpenfMRI: Open sharing of task fMRI data. *Neuroimage*, 144(Pt B), 259-261. doi:10.1016/j.neuroimage.2015.05.073
- Polusny, M. A., & Folette, V. M. (1995). Long term correlates of child sexual abuse: Theory and review of empirical literature. *Applied & Preventive Psychology*, 4, 143-166.
- Prebble, S. C., Addis, D. R., & Tippett, L. J. (2013). Autobiographical memory and sense of self. *Psychological Bulletin*, 139(4), 815-840. doi:10.1037/a0030146
- Pullmann, H., & Allik, J. (2000). The Rosenberg Self-Esteem Scale: its dimensionality, stability and personality correlates in Estonian. *Personality and Individual Differences*, 28, 701-715.
- R Core Team. (2013). R: A language and environment for statistical computing. Vienna, Austria: R Foundation for Statistical Computing. Retrieved from <http://www.R-project.org/>
- Raichle, M. E., MacLeod, A. M., Snyder, A. Z., Powers, W. J., Gusnard, D. A., & Shulman, G. L. (2001). A default mode of brain function. *Proceedings of the National Academy of Sciences of the United States of America*, 98(2), 676-682.
- Rasmussen, A. S., Jørgensen, C. R., O'Connor, M., Bennedsen, B. E., Godt, K. D., Bøye, R., & Berntsen, D. (2017). The structure of past and future events in borderline personality disorder, eating disorder, and obsessive-compulsive disorder. *Psychology of Consciousness: Theory, Research, and Practice*, 4(2), 190-210. doi:10.1037/cns0000109
- Rasmussen, M. K., & Pidgeon, A. M. (2011). The direct and indirect benefits of dispositional mindfulness on self-esteem and social anxiety. *Anxiety Stress Coping*, 24(2), 227-233. doi:10.1080/10615806.2010.515681
- Reisberg, D., Pearson, D. G., & Kosslyn, S. M. (2003). Intuitions and introspections about imagery: the role of imagery experience in shaping an investigator's theoretical views. *Applied Cognitive Psychology*, 17(2), 147-160. doi:10.1002/acp.858

- Renneberg, B., Herm, K., Hahn, A., Staebler, K., Lammers, C. H., & Roepke, S. (2012). Perception of social participation in borderline personality disorder. *Clinical Psychology and Psychotherapy*, 19(6), 473-480. doi:10.1002/cpp.772
- Renneberg, B., Theobald, E., Nobbs, M., & Weisbrod, M. (2005). Autobiographical Memory in Borderline Personality Disorder and Depression. *Cognitive Therapy and Research*, 29(3), 343-358. doi:10.1007/s10608-005-4267-4
- Rice, H. J., & Rubin, D. C. (2009). I can see it both ways: first- and third-person visual perspectives at retrieval. *Consciousness and Cognition*, 18(4), 877-890. doi:10.1016/j.concog.2009.07.004
- Richetin, J., Preti, E., Costantini, G., & De Panfilis, C. (2017). The centrality of affective instability and identity in Borderline Personality Disorder: Evidence from network analysis. *PloS One*, 12(10), e0186695. doi:10.1371/journal.pone.0186695
- Rizzolatti, G., & Craighero, L. (2004). The Mirror-Neuron System. *Annual Review of Neuroscience*, 27(1), 169-192. doi:10.1146/annurev.neuro.27.070203.144230
- Roberts, G., Lord, A., Frankland, A., Wright, A., Lau, P., Levy, F., . . . Breakspear, M. (2017). Functional Dysconnection of the Inferior Frontal Gyrus in Young People With Bipolar Disorder or at Genetic High Risk. *Biological Psychiatry*, 81(8), 718-727. doi:10.1016/j.biopsych.2016.08.018
- Rosenbach, C., & Renneberg, B. (2015). Remembering rejection: specificity and linguistic styles of autobiographical memories in borderline personality disorder and depression. *Journal of Behavior Therapy and Experimental Psychiatry*, 46, 85-92. doi:10.1016/j.jbtep.2014.09.002
- Rosenberg, M. (1965). *Society and the adolescent self-image*. Princeton, NJ: Princeton University Press.
- Rotge, J. Y., Lemogne, C., Hinfrey, S., Huguet, P., Grynszpan, O., Tartour, E., . . . Fossati, P. (2015). A meta-analysis of the anterior cingulate contribution to social pain. *Social Cognitive and Affective Neuroscience*, 10(1), 19-27. doi:10.1093/scan/nsu110
- Rubin, D. C. (2005). A Basic-Systems Approach to Autobiographical Memory. *Current Directions in Psychological Science*, 14(2), 79-83.
- Ruocco, A. C., Amirthavasagam, S., Choi-Kain, L. W., & McMain, S. F. (2013). Neural correlates of negative emotionality in borderline personality disorder: an activation-likelihood-estimation meta-analysis. *Biological Psychiatry*, 73(2), 153-160. doi:10.1016/j.biopsych.2012.07.014
- Rusting, C. L., & DeHart, T. (2000). Retrieving Positive Memories to Regulate Negative Mood: Consequences for Mood-Congruent Memory. *Journal of Personality and Social Psychology*, 78(4), 737-752.
- Satpute, A. B., & Lieberman, M. D. (2006). Integrating automatic and controlled processes into neurocognitive models of social cognition. *Brain Research*, 1079(1), 86-97. doi:10.1016/j.brainres.2006.01.005
- Saunders, K. E., Goodwin, G. M., & Rogers, R. D. (2015). Borderline personality disorder, but not euthymic bipolar disorder, is associated with a failure to sustain reciprocal cooperative behaviour: implications for spectrum models of mood disorders. *Psychological Medicine*, 45(8), 1591-1600. doi:10.1017/S0033291714002475
- Schmahl, C., Herpertz, S. C., Bertsch, K., Ende, G., Flor, H., Kirsch, P., . . . Bohus, M. (2014). Mechanisms of disturbed emotion processing and social interaction in borderline personality disorder: state of knowledge and research agenda of the German Clinical Research Unit. *Borderline Personality Disorder and Emotion Dysregulation*, 1(1). doi:10.1186/2051-6673-1-12
- Schmahl, C. G., Elzinga, B. M., Vermetten, E., Sanislow, C., McGlashan, T. H., & Bremner, J. D. (2003). Neural correlates of memories of abandonment in women with and without borderline personality disorder. *Biological Psychiatry*, 54(2), 142-151. doi:10.1016/s0006-3223(02)01720-1
- Schmahl, C. G., Vermetten, E., Elzinga, B. M., & Bremner, J. D. (2004). A positron emission tomography study of memories of childhood abuse in borderline personality disorder. *Biological Psychiatry*, 55(7), 759-765. doi:10.1016/j.biopsych.2003.11.007
- Schmitt, D. P., & Allik, J. (2005). Simultaneous administration of the Rosenberg Self-Esteem Scale in 53 nations: exploring the universal and culture-specific features of global self-esteem. *Journal of Personality and Social Psychology*, 89(4), 623-642. doi:10.1037/0022-3514.89.4.623
- Schnell, K., Dietrich, T., Schnitker, R., Daumann, J., & Herpertz, S. C. (2007). Processing of autobiographical memory retrieval cues in borderline personality disorder. *Journal of Affective Disorders*, 97(1-3), 253-259. doi:10.1016/j.jad.2006.05.035

- Schulz, M.-A., Yeo, B. T. T., Vogelstein, J., Mourao-Miranada, J., Kather, J. N., Kording, K., . . . Bzdok, D. (in prep). Deep learning for brains? Different linear and nonlinear scaling in UK Biobank brain images vs. machine-learning datasets.
- Schulze, L., Schmahl, C., & Niedtfeld, I. (2016). Neural Correlates of Disturbed Emotion Processing in Borderline Personality Disorder: A Multimodal Meta-Analysis. *Biological Psychiatry*, 79(2), 97-106. doi:10.1016/j.biopsych.2015.03.027
- Schurz, M., Radua, J., Aichhorn, M., Richlan, F., & Perner, J. (2014). Fractionating theory of mind: a meta-analysis of functional brain imaging studies. *Neuroscience and Biobehavioral Reviews*, 42, 9-34. doi:10.1016/j.neubiorev.2014.01.009
- Schurz, M., Tholen, M. G., Perner, J., Mars, R. B., & Sallet, J. (2017). Specifying the brain anatomy underlying temporo-parietal junction activations for theory of mind: A review using probabilistic atlases from different imaging modalities. *Human Brain Mapping*, 38(9), 4788-4805. doi:10.1002/hbm.23675
- Shaffer, A., Yates, T. M., & Egeland, B. R. (2009). The relation of emotional maltreatment to early adolescent competence: developmental processes in a prospective study. *Child Abuse and Neglect*, 33(1), 36-44. doi:10.1016/j.chiabu.2008.12.005
- Shamay-Tsoory, S. G., Aharon-Peretz, J., & Perry, D. (2009). Two systems for empathy: a double dissociation between emotional and cognitive empathy in inferior frontal gyrus versus ventromedial prefrontal lesions. *Brain*, 132(Pt 3), 617-627. doi:10.1093/brain/awn279
- Sharp, C., Ha, C., Carbone, C., Kim, S., Perry, K., Williams, L., & Fonagy, P. (2013). Hypermentalizing in Adolescent Inpatients: Treatment Effects and Association with Borderline Traits. *Journal of Personality Disorders*, 27(1), 3-18.
- Shavelson, R. J., Hubner, J. J., & Stanton, G. C. (1976). Self-Concept: Validation of Construct Interpretations. *Review of Educational Research*, 46(3), 407-441.
- Sheldon, S., Amaral, R., & Levine, B. (2017). Individual differences in visual imagery determine how event information is remembered. *Memory*, 25(3), 360-369. doi:10.1080/09658211.2016.1178777
- Sheldon, S., & Levine, B. (2013). Same as it ever was: vividness modulates the similarities and differences between the neural networks that support retrieving remote and recent autobiographical memories. *Neuroimage*, 83, 880-891. doi:10.1016/j.neuroimage.2013.06.082
- Shipman, K., Edwards, A., Brown, A., Swisher, L., & Jennings, E. (2005). Managing emotion in a maltreating context: a pilot study examining child neglect. *Child Abuse and Neglect*, 29(9), 1015-1029. doi:10.1016/j.chiabu.2005.01.006
- Shmueli, G. (2010). To explain or to Predict? *Statistical Science*, 25(3), 289-310. doi:10.1214/10-STS330
- Silvers, J. A., Hubbard, A. D., Chaudhury, S., Biggs, E., Shu, J., Grunebaum, M. F., . . . Stanley, B. (2016). Suicide attempters with Borderline Personality Disorder show differential orbitofrontal and parietal recruitment when reflecting on aversive memories. *Journal of Psychiatric Research*, 81, 71-78. doi:10.1016/j.jpsychires.2016.06.020
- Simmons, W. K., Avery, J. A., Barcalow, J. C., Bodurka, J., Drevets, W. C., & Bellgowan, P. (2013). Keeping the body in mind: insula functional organization and functional connectivity integrate interoceptive, exteroceptive, and emotional awareness. *Human Brain Mapping*, 34(11), 2944-2958. doi:10.1002/hbm.22113
- Smith, S. M., Miller, K. L., Salimi-Khorshidi, G., Webster, M., Beckmann, C. F., Nichols, T. E., . . . Woolrich, M. W. (2011). Network modelling methods for FMRI. *Neuroimage*, 54(2), 875-891. doi:10.1016/j.neuroimage.2010.08.063
- Smith, S. M., & Petty, R. E. (1995). Personality Moderators on Mood Congruency Effects on Cognition: The Role of Self-Esteem and Negative Mood Regulation. *Journal of Personality and Social Psychology*, 68(6), 1092-1107.
- Somerville, L. H., Heatherton, T. F., & Kelley, W. M. (2006). Anterior cingulate cortex responds differentially to expectancy violation and social rejection. *Nature Neuroscience*, 9(8), 1007-1008. doi:10.1038/nn1728
- Somerville, L. H., Kelley, W. M., & Heatherton, T. F. (2010). Self-esteem modulates medial prefrontal cortical responses to evaluative social feedback. *Cerebral Cortex*, 20(12), 3005-3013. doi:10.1093/cercor/bhq049
- Southward, M. W., & Cheavens, J. S. (2018). Identifying Core Deficits in a Dimensional Model of Borderline Personality Disorder Features: A Network Analysis. *Clinical Psychological Science*, 6(5), 685-703.
- Speer, M. E., Bhanji, J. P., & Delgado, M. R. (2014). Savoring the past: positive memories evoke value representations in the striatum. *Neuron*, 84(4), 847-856. doi:10.1016/j.neuron.2014.09.028

- Sperber, D., Clement, F., Heintz, C., Mascaro, O., Mercier, H., Origgi, G., & Wilson, D. (2010). Epistemic Vigilance. *Mind & Language*, 25(4), 359-393.
- Spinhoven, P., Elzinga, B. M., Hovens, J. G., Roelofs, K., Zitman, F. G., van Oppen, P., & Penninx, B. W. (2010). The specificity of childhood adversities and negative life events across the life span to anxiety and depressive disorders. *Journal of Affective Disorders*, 126(1-2), 103-112. doi:10.1016/j.jad.2010.02.132
- Spinhoven, P., Elzinga, B. M., Van Hemert, A. M., de Rooij, M., & Penninx, B. W. (2016). Childhood maltreatment, maladaptive personality types and level and course of psychological distress: A six-year longitudinal study. *Journal of Affective Disorders*, 191, 100-108. doi:10.1016/j.jad.2015.11.036
- Spreng, R. N., Mar, R. A., & Kim, A. S. N. (2009). The Common Neural Basis of Autobiographical Memory, Prospection, Navigation, Theory of Mind, and the Default Mode: A Quantitative Meta-analysis. *Journal of Cognitive Neuroscience*, 21(3), 489-510.
- Staebler, K., Renneberg, B., Stopsack, M., Fiedler, P., Weiler, M., & Roepke, S. (2011). Facial emotional expression in reaction to social exclusion in borderline personality disorder. *Psychological Medicine*, 41(9), 1929-1938. doi:10.1017/S0033291711000080
- Stern, D. N. (1985). *The interpersonal world of the infant*. New York, USA: Basic Books.
- Stinson, D. A., Logel, C., Holmes, J. G., Wood, J. V., Forest, A. L., Gaucher, D., . . . Kath, J. (2010). The regulatory function of self-esteem: testing the epistemic and acceptance signaling systems. *Journal of Personality and Social Psychology*, 99(6), 993-1013. doi:10.1037/a0020310
- Strijbos, D., & Glas, G. (2018). Self-knowledge and Personality Disorders: Introduction. *Journal of Personality Disorders*, 32(3), 289-294.
- Stroud, L. R., Salovey, P., & Epel, E. S. (2002). Sex differences in stress responses: Social rejection versus achievement stress. *Biological Psychiatry*, 52(4), 318-327. doi:10.1016/s0006-3223(02)01333-1
- Summerfield, J. J., Hassabis, D., & Maguire, E. A. (2009). Cortical midline involvement in autobiographical memory. *Neuroimage*, 44(3), 1188-1200. doi:10.1016/j.neuroimage.2008.09.033
- Svoboda, E., McKinnon, M. C., & Levine, B. (2006). The functional neuroanatomy of autobiographical memory: a meta-analysis. *Neuropsychologia*, 44(12), 2189-2208. doi:10.1016/j.neuropsychologia.2006.05.023
- Swann, W. B., Jr. (1982). Self-Verification: Bringing Social Reality into Harmony with the Self. In J. Suls (Ed.), *Psychological perspectives on the self* (Vol. 2, pp. 33-66). New Jersey: Hillsdale.
- Swann, W. B., Jr., & Brooks, M. (2012). Why threats trigger compensatory reactions: The need for coherence and quest for self-verification. *Social Cognition*, 30(6), 758-777.
- Swann, W. B., Jr., Pelham, B. W., & Krull, D. S. (1989). Agreeable Fancy of Disagreeable Truth? Reconciling Self-Enhancement and Self-Verification. *Journal of Personality and Social Psychology*, 57(5), 782-791.
- Tafarodi, R. W., & Milne, A. B. (2002). Decomposing Global Self-Esteem. *Journal of Personality*, 70(4), 443-484.
- Tailby, C., Rayner, G., Wilson, S., & Jackson, G. (2017). The spatiotemporal substrates of autobiographical recollection: Using event-related ICA to study cognitive networks in action. *Neuroimage*, 152, 237-248. doi:10.1016/j.neuroimage.2017.02.088
- Teicher, M. H., Samson, J. A., Polcari, A., & McGreenery, C. E. (2006). Sticks, Stones, and Hurtful Words: Relative Effects of Various Forms of Childhood Maltreatment. *American Journal of Psychiatry*, 163, 993-1000.
- Thombs, B. D., Bernstein, D. P., Lobbstaal, J., & Arntz, A. (2009). A validation study of the Dutch Childhood Trauma Questionnaire-Short Form: factor structure, reliability, and known-groups validity. *Child Abuse and Neglect*, 33(8), 518-523. doi:10.1016/j.chiabu.2009.03.001
- Tomasello, M., Melis, A. P., Tennie, C., Wyman, E., & Herrmann, E. (2012). Two Key Steps in the Evolution of Human Cooperation. *Current Anthropology*, 53(6), 673-692. doi:10.1086/668207
- Tonmyr, L., Draca, J., Crain, J., & Macmillan, H. L. (2011). Measurement of emotional/psychological child maltreatment: a review. *Child Abuse and Neglect*, 35(10), 767-782. doi:10.1016/j.chiabu.2011.04.011
- Torgersen, S., Kringle, E., & Cramer, V. (2001). The Prevalence of Personality Disorders in a Community Sample. *Archives of General Psychiatry*, 58, 590-596.
- Van Dam, N. T., O'Connor, D., Marcelle, E. T., Ho, E. J., Cameron Craddock, R., Tobe, R. H., . . . Milham, M. P. (2017). Data-Driven Phenotypic Categorization for Neurobiological Analyses: Beyond DSM-5 Labels. *Biological Psychiatry*, 81(6), 484-494. doi:10.1016/j.biopsych.2016.06.027
- van den Hout, M. A., & Engelhard, I. M. (2018). How does EMDR work? *Journal of Experimental Psychopathology*, 3(5). doi:10.5127/jep.028212
- van Harmelen, A. L. (2013). *Childhood emotional maltreatment: Impact on cognition and the brain*. (PhD), Leiden University, Leiden.

- van Harmelen, A. L., de Jong, P. J., Glashouwer, K. A., Spinhoven, P., Penninx, B. W., & Elzinga, B. M. (2010). Child abuse and negative explicit and automatic self-associations: the cognitive scars of emotional maltreatment. *Behaviour Research and Therapy*, 48(6), 486-494. doi:10.1016/j.brat.2010.02.003
- van Harmelen, A. L., Hauber, K., Gunther Moor, B., Spinhoven, P., Boon, A. E., Crone, E. A., & Elzinga, B. M. (2014). Childhood emotional maltreatment severity is associated with dorsal medial prefrontal cortex responsivity to social exclusion in young adults. *PloS One*, 9(1), e85107. doi:10.1371/journal.pone.0085107
- Van Schie, C. C., Chiu, C. D., Heiser, W. J., Rombouts, S. A., & Elzinga, B. M. (2019a). Stuck in a negative me: fMRI study on the role of disturbed self-views in social feedback processing in borderline personality disorder. *Psychological Medicine*, 1(11). doi:<https://doi.org/10.1017/S0033291719000448>
- Van Schie, C. C., Chiu, C. D., Heiser, W. J., Rombouts, S. A., & Elzinga, B. M. (2019b). When I relive a positive me: Vivid autobiographical memories facilitate autoegetic brain activation and enhance mood. *Human Brain Mapping*. doi:<https://doi.org/10.1002/hbm.24742>
- van Schie, C. C., Chiu, C. D., Rombouts, S. A. R. B., Heiser, W. J., & Elzinga, B. M. (2018). When compliments do not hit but critiques do: an fMRI study into self-esteem and self-knowledge in processing social feedback. *Social Cognitive and Affective Neuroscience*, 13(4), 404-417. doi:10.1093/scan/nsy014
- van Strien, J. W. (1992). Classificatie van links- en rechtshandige proefpersonen. *Nederlands Tijdschrift voor de Psychologie en Haar Grensgebieden*, 47, 88-92.
- van Zutphen, L., Siep, N., Jacob, G. A., Goebel, R., & Arntz, A. (2015). Emotional sensitivity, emotion regulation and impulsivity in borderline personality disorder: a critical review of fMRI studies. *Neuroscience and Biobehavioral Reviews*, 51, 64-76. doi:10.1016/j.neubiorev.2015.01.001
- van Dellen, M. R., Campbell, W. K., Hoyle, R. H., & Bradfield, E. K. (2011). Compensating, resisting, and breaking: a meta-analytic examination of reactions to self-esteem threat. *Personality and Social Psychology Review*, 15(1), 51-74. doi:10.1177/1088868310372950
- Vannucci, M., Pelagatti, C., Chiorri, C., & Mazzoni, G. (2016). Visual object imagery and autobiographical memory: Object Imagers are better at remembering their personal past. *Memory*, 24(4), 455-470. doi:10.1080/09658211.2015.1018277
- Varoquaux, G., Baronnet, F., Kleinschmidt, A., Fillard, P., & Thirion, B. (2010). Detection of Brain Functional-Connectivity Difference in Post-stroke Patients Using Group-Level Covariance Modeling. *MICCAI*.
- Varoquaux, G., & Craddock, R. C. (2013). Learning and comparing functional connectomes across subjects. *Neuroimage*, 80, 405-415.
- Varoquaux, G., Gramfort, A., Poline, J. B., & Thirion, B. (2010). *Brain Covariance Selection: Better Individual Functional Connectivity Models Using Population Prior*. Paper presented at the Neural Information Processing Systems Conference.
- Varoquaux, G., & Poldrack, R. A. (2019). Predictive models avoid excessive reductionism in cognitive neuroimaging. *Current Opinion in Neurobiology*, 55, 1-6.
- Vater, A., Schroder-Abe, M., Weissgerber, S., Roepke, S., & Schutz, A. (2015). Self-concept structure and borderline personality disorder: evidence for negative compartmentalization. *Journal of Behavior Therapy and Experimental Psychiatry*, 46, 50-58. doi:10.1016/j.jbtep.2014.08.003
- Viard, A., Piolino, P., Desgranges, B., Chetelat, G., Lebreton, K., Landeau, B., . . . Eustache, F. (2007). Hippocampal activation for autobiographical memories over the entire lifetime in healthy aged subjects: an fMRI study. *Cerebral Cortex*, 17(10), 2453-2467. doi:10.1093/cercor/bhl153
- Vignoles, V. L., Regalia, C., Manzi, C., Golledge, J., & Scabini, E. (2006). Beyond self-esteem: influence of multiple motives on identity construction. *Journal of Personality and Social Psychology*, 90(2), 308-333. doi:10.1037/0022-3514.90.2.308
- Visintin, E., De Panfilis, C., Amore, M., Balestrieri, M., Wolf, R. C., & Sambataro, F. (2016). Mapping the brain correlates of borderline personality disorder: A functional neuroimaging meta-analysis of resting state studies. *Journal of Affective Disorders*, 204, 262-269. doi:10.1016/j.jad.2016.07.025
- Vogt, B. A., & Paxinos, G. (2014). Cytoarchitecture of mouse and rat cingulate cortex with human homologies. *Brain Structure and Function*, 219, 185-192.
- Waters, T. E. (2014). Relations between the functions of autobiographical memory and psychological wellbeing. *Memory*, 22(3), 265-275. doi:10.1080/09658211.2013.778293
- Watkins, E. R. (2008). Constructive and unconstructive repetitive thought. *Psychological Bulletin*, 134(2), 163-206. doi:10.1037/0033-2909.134.2.163

- Wechsler, D. (1991). *The Wechsler Intelligence Scale for Children - Third Edition. Manual*. San Antonio: The Psychological Corporation.
- Wechsler, D. (1997). *Wechsler Adult Intelligence Scale - Third Edition. Administration and Scoring Manual*. San Antonio: The Psychological Corporation.
- Weertman, A., Arntz, A., Dreesen, L., van Velzen, C., & Vertommen, S. (2003). Short-interval test-retest interrater reliability of the Dutch version of the structured clinical interview for DSM-IV personality disorders (SCID-II). *Journal of personality Disorders*, 17(6), 562-567.
- Wickham, H. (2009). *ggplot2: Elegant Graphics for Data Analysis*. New York: Springer-Verlag.
- Wiebking, C., & Northoff, G. (2015). Neural activity during interoceptive awareness and its associations with alexithymia-An fMRI study in major depressive disorder and non-psychiatric controls. *Frontiers in Psychology*, 6, 589. doi:10.3389/fpsyg.2015.00589
- Wilkinson-Ryan, T., & Westen, D. (2000). Identity Disturbance in Borderline Personality Disorder: An Empirical Investigation. *American Journal of Psychiatry*, 157(4), 528-541.
- Williams, J. M. G., & Broadbent, K. (1986). Autobiographical Memory in Suicide Attempters. *Journal of Abnormal Psychology*, 95(2), 144-149.
- Wilson, S., Stroud, C. B., & Durbin, C. E. (2017). Interpersonal dysfunction in personality disorders: A meta-analytic review. *Psychological Bulletin*, 143(7), 677-734. doi:10.1037/bul0000101
- Winkler, A. M., Ridgway, G. R., Webster, M. A., Smith, S. M., & Nichols, T. E. (2014). Permutation inference for the general linear model. *Neuroimage*, 92, 381-397. doi:10.1016/j.neuroimage.2014.01.060
- Winter, D., Herbert, C., Koplin, K., Schmahl, C., Bohus, M., & Lis, S. (2015). Negative evaluation bias for positive self-referential information in borderline personality disorder. *PloS One*, 10(1), e0117083. doi:10.1371/journal.pone.0117083
- Witt, S. T., Laird, A. R., & Meyerand, M. E. (2008). Functional neuroimaging correlates of finger-tapping task variations: an ALE meta-analysis. *Neuroimage*, 42(1), 343-356. doi:10.1016/j.neuroimage.2008.04.025
- Woo, C. W., Krishnan, A., & Wager, T. D. (2014). Cluster-extent based thresholding in fMRI analyses: pitfalls and recommendations. *Neuroimage*, 91, 412-419. doi:10.1016/j.neuroimage.2013.12.058
- Young, K. D., Bellgowan, P. S., Bodurka, J., & Drevets, W. C. (2013). Functional neuroimaging of sex differences in autobiographical memory recall. *Human Brain Mapping*, 34(12), 3320-3332. doi:10.1002/hbm.22144
- Zanarini, M. C., Frankenburg, F. R., Reich, D. B., Wedig, M. M., Conkey, L. C., & Fitzmaurice, G. M. (2014). Prediction of time-to-attainment of recovery for borderline patients followed prospectively for 16 years. *Acta Psychiatrica Scandinavica*, 130(3), 205-213. doi:10.1111/acps.12255
- Zeigler-Hill, V., & Abraham, J. (2006). Borderline Personality Features: Instability of Self-Esteem and Affect. *Journal of Social and Clinical Psychology*, 25(6), 668-687.
- Zeigler-Hill, V., & Showers, C. J. (2007). Self-structure and self-esteem stability: the hidden vulnerability of compartmentalization. *Personality & Social Psychology Bulletin*, 33(2), 143-159. doi:10.1177/0146167206294872

List of publications

Publications

Van Schie C.C., Chiu, C.-D., Rombouts S.A.R.B., Heiser W.J. & Elzinga B.M. (2019). When I relive a positive me: Vivid autobiographical memories facilitate autonoetic brain activation and enhance mood. *Human Brain Mapping*, 40(16), 4859-4871. doi: 10.1002/hbm.24742.

Van Schie C.C., Chiu, C.-D., Rombouts S.A.R.B., Heiser W.J. & Elzinga B.M. (2019). Stuck in a negative me: fMRI study on the role of disturbed self-views in social feedback processing in borderline personality disorder. *Psychological Medicine*, 1-11. doi: <https://doi.org/10.1017/S0033291719000448>.

Krause-Utz A., Mertens L.J., Renn J.B., Lucke P., Wöhlke A.Z., **Van Schie C.C.** & Mouthaan J. (2019). Childhood Maltreatment, Borderline Personality Features, and Coping as Predictors of Intimate Partner Violence. *Journal of Interpersonal Violence*: 1-29. doi: <https://doi.org/10.1177/0886260518817782>.

Van Schie C.C., Chiu, C.-D., Rombouts S.A.R.B., Heiser W.J. & Elzinga B.M. (2018). When compliments do not hit but critiques do: an fMRI study into self-esteem and self-knowledge in processing social feedback. *Social Cognitive and Affective Neuroscience*, 13(4), 404-417. doi: <https://doi.org/10.1093/scan/nsy014>.

Van Schie C.C., Van Harmelen A.-L., Hauber K., Boon A., Crone E.A & Elzinga B.M. (2017). The neural correlates of childhood maltreatment and the ability to understand mental states of others. *European Journal of Psychotraumatology*, 8. doi: <https://doi.org/10.1080/20008198.2016.1272788>.

Putman P., Verkuil B., Arias-Garcia E., Pantazi I. & **van Schie C.C.** (2014). EEG theta/beta ratio as a potential biomarker for attentional control and resilience against deleterious effects of stress on attention. *Cognitive, Affective, & Behavioral Neuroscience*, 14(2), 782-791. doi: 10.3758/s13415-013-0238-7.

Putman P., Arias-Garcia E., Pantzai I. & **van Schie C.C.** (2012). Emotional Stroop interference is related to reduced EEG delta-beta coupling and low attentional control. *International Journal of Psychophysiology*, 84(2), 194-200. doi: 10.1016/j.ijpsycho.2012.02.006.

Submitted

Van Schie C.C., Chiu, C.-D., Rombouts S.A.R.B., Heiser W.J. & Elzinga B.M. (2019). When I find a positive me: Elucidating the challenging pathways of autobiographical memory reliving in borderline personality disorder. Manuscript submitted for publication.

Van Schie C.C., Cook, J., Elzinga, B.M., Ly, V. (2019). A boost in self-esteem after positive social feedback predicts increased social learning. Manuscript submitted for publication.

Kullberg, M.-L., **van Schie, C.C.**, van Sprang, E., Maciejewski, D., Hartman, C.A., van Hemert, B., Penninx, B.W.J.H., Elzinga, B.M. (2019). It is a family affair: Individual experiences and sibling exposure to emotional, physical and sexual abuse and the impact on adult depressive symptoms. Manuscript submitted for publication.

Data

Chapter 3: <https://identifiers.org/neurovault.collection:6038>

Chapter 4: <https://identifiers.org/neurovault.collection:5589>

Chapter 5: <https://identifiers.org/neurovault.collection:6039>

Chapter 6: <https://identifiers.org/neurovault.collection:6020>

Curriculum vitae

Charlotte van Schie was born on June 1st, 1986 in Honselersdijk. She completed her secondary education at the Dalton School, The Hague in 2004. After a gap year of travelling, she started her bachelor in Psychology at Leiden University in 2005. During a one semester exchange program, she studied topics of psychology and sociology at Monash University, Melbourne, Australia. She actively participated in the university's community, which, in 2008, included a year as the board member of External Relations of the psychology student union Labyrint. In 2009, she started her Research Master Clinical & Health Psychology at Leiden University. During her master program she completed additional clinical course work and a clinical internship at "De Jutters", a child and adolescent mental health institution. After graduating in 2012, she continued to gather clinical work experience as a junior psychologist at the "Haags Kinder- en Jeugdtherapeuticum" a nationally recognized trauma center for children and adolescents. Moreover, she continued to gather research experience as a research assistant with Bernet Elzinga and Chui-De Chiu on a project that would eventually become her PhD study. In 2013, she started her PhD with Bernet Elzinga, Willem Heiser and Serge Rombouts as her supervisors, while continuing as a part time lecturer in statistics and supervisor of thesis students.

She presented the PhD work in symposia on various international and national conferences. She received a poster award at the third International Congress on Borderline Personality Disorder and an article award by the European Society for Traumatic Stress Studies. She is actively involved in the research community, which included co-founding the interfaculty MRI Methods Meetings and peer-reviewing for international journals. She continued to develop her skills in statistical techniques through courses and by visiting the parietal lab in Saclay, France that has expertise on developing machine learning techniques for neuroimaging data. Her interests in both clinical work and statistics remain and are for example visible in collaborating with the Leiden Institute for Advanced Computer Science and in her current work of which one aspect is training mental health professionals in understanding and treating personality disorders.

Since this PhD position, Charlotte has worked as a post-doctoral researcher at Youz, child and adolescent mental health institution in The Hague, where she was the secretary of the scientific committee. She then moved with her husband Paul and daughter June to Australia, where she is a research fellow with the Project AIR strategy for personality disorders at the University of Wollongong.

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