



Universiteit
Leiden
The Netherlands

Self-regulation in boys with oppositional defiant disorder and conduct disorder

Schoorl, J.

Citation

Schoorl, J. (2017, April 20). *Self-regulation in boys with oppositional defiant disorder and conduct disorder*. Retrieved from <https://hdl.handle.net/1887/47944>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/47944>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



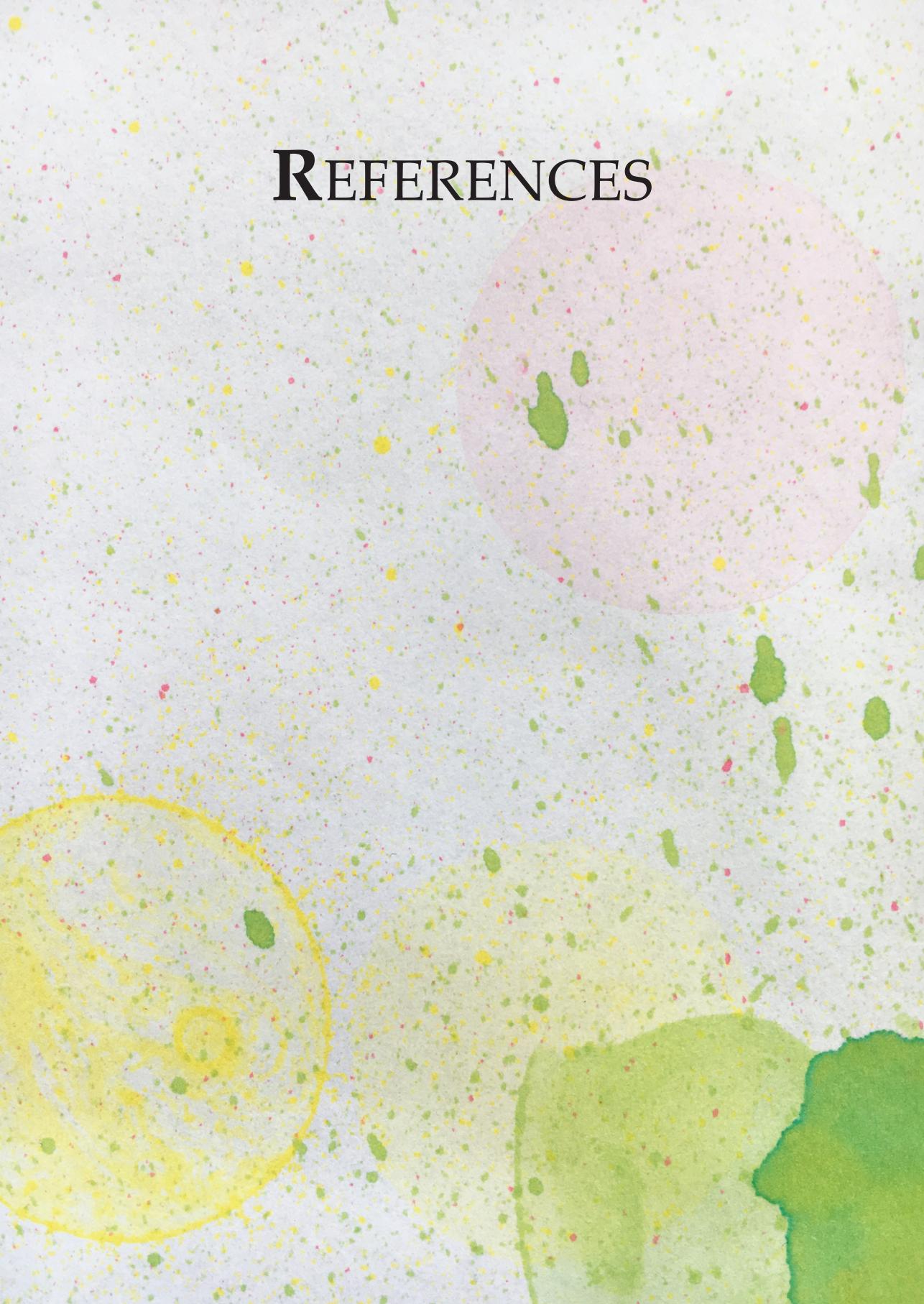
The handle <http://hdl.handle.net/1887/47944> holds various files of this Leiden University dissertation

Author: Schoorl, Jantiene

Title: Self-regulation in boys with oppositional defiant disorder and conduct disorder

Issue Date: 2017-04-20

REFERENCES



A

- Achenbach, T.M., & Rescorla, L.A. (2001). *Manual for the ASEBA school-age forms and profiles*. Burlington: University of Vermont, Research Center for Children, Youth, and Families.
- Albers, E.M., Riksen-Walraven, J.M., Sweep, F.C., & de Weerth, C. (2008). Maternal behavior predicts infant cortisol recovery from a mild everyday stressor. *Journal of Child Psychology and Psychiatry*, 49(1), 97-103.
- Alink, L. R., van IJzendoorn, M. H., Bakermans-Kranenburg, M. J., Mesman, J., Juffer, F., & Koot, H. M. (2008). Cortisol and externalizing behavior in children and adolescents: mixed meta-analytic evidence for the inverse relation of basal cortisol and cortisol reactivity with externalizing behavior. *Development Psychobiology*, 50(5), 427-450.
- Anastopoulos, A. D., Smith, T. F., Garrett, M. E., Morrissey Kane, E., Schatz, N. K., Sommer, J. L., ... Ashley Koch, A. (2011). Self-regulation of emotion, functional impairment, and comorbidity among children with AD/HD. *Journal of Attention Disorders*, 15(7), 583-592.
- Anderson, P. (2002). Assessment and development of executive function (EF) during childhood. *Child Neuropsychology*, 8(2), 71-82.
- American Psychiatric Association (2013). *Diagnostic and statistical manual of mental disorders* (5th ed.). Washington: American Psychiatric Association.

B

- Bagner, D.M., Graziano, P.A., Jaccard, J., Sheinkopf, S.J., Vohr, B.R., & Lester, B.M. (2012). An initial investigation of baseline respiratory sinus arrhythmia as a moderator of treatment outcome for young children born premature with externalizing behavior problems. *Behavior Therapy*, 43(3), 652-665.
- Bal, E., Harden, E., Lamb, D., Van Hecke, A.V., Denver, J.W., & Porges, S.W. (2010). Emotion recognition in children with autism spectrum disorders: relations to eye gaze and autonomic state. *Journal of Autism and Developmental Disorders*, 40(3), 358-370.
- Banaschewski, T., Jennen Steinmetz, C., Brandeis, D., Buitelaar, J.K., Kuntsi, J., Poustka, L., ... Asherson, P. (2012). Neuropsychological correlates of emotional lability in children with ADHD. *Journal of Child Psychology and Psychiatry*, 53(11), 1139-1148.
- Barkley, R.A. (2006). *Attention-deficit hyperactivity disorder: A handbook for diagnosis and treatment* (3rd ed.). New York: Guilford Press.
- Baron, I.S. (2004). *Neuropsychological Evaluation of the Child*. Oxford: Oxford University Press.

-
- Barrett, P.M., Rapee, R.M., Dadds, M.M., & Ryan, S.M. (1996). Family enhancement of cognitive style in anxious and aggressive children. *Journal of Abnormal Child Psychology*, 24(2), 187-203.
- Beauchaine, T. (2001). Vagal tone, development, and Gray's motivational theory: toward an integrated model of autonomic nervous system functioning in psychopathology. *Development and Psychopathology*, 13(2), 183-214.
- Beauchaine, T.P., Gatzke-Kopp, L., & Mead, H.K. (2007). Polyvagal Theory and developmental psychopathology: emotion dysregulation and conduct problems from preschool to adolescence. *Biological Psychology*, 74(2), 174-184.
- Beauchaine, T.P., Hong, J., & Marsh, P. (2008). Sex differences in autonomic correlates of conduct problems and aggression. *Journal of the American Academy of Child & Adolescent Psychiatry*, 47(7), 788-796.
- Beauchaine, T.P., Katkin, E.S., Strassberg, Z., & Snarr, J. (2001). Disinhibitory psychopathology in male adolescents: discriminating conduct disorder from attention-deficit/hyperactivity disorder through concurrent assessment of multiple autonomic states. *Journal of Abnormal Psychology*, 110(4), 610-624.
- Bechara, A., Damasio, A.R., Damasio, H., & Anderson, S.W. (1994). Insensitivity to future consequences following damage to human prefrontal cortex. *Cognition*, 50(1-3), 7-15.
- Blair, C., Granger, D.A., Kivlighan, K.T., Mills-Koonce, R., Willoughby, M., Greenberg, M.T., Hibell, L.C., & Fortunato, C.K. (2008). Maternal and child contributions to cortisol response to emotional arousal in young children from low-income, rural communities. *Developmental Psychology*, 44(4), 1095-1109.
- Blair, K.A., Denham, S.A., Kochanoff, A., & Whipple, B. (2004). Playing it cool: Temperament, emotion regulation, and social behavior in preschoolers. *Journal of School Psychology*, 42(6), 419-443.
- Blair, R.J. (2013). The neurobiology of psychopathic traits in youths. *Nature Reviews Neuroscience*, 14(11), 786-799.
- Blair, R.J., Colledge, E., & Mitchell, D.G. (2001). Somatic markers and response reversal: is there orbitofrontal cortex dysfunction in boys with psychopathic tendencies? *Journal of Abnormal Child Psychology*, 29(6), 499-511.
- Bloemsma, J.M., Boer, F., Arnold, R., Banaschewski, T., Faraone, S.V., Buitelaar, J.K., Sergeant, J.A., Rommelse, N., & Oosterlaan, J. (2013). Comorbid anxiety and neurocognitive dysfunctions in children with ADHD. *European Child and Adolescent Psychiatry*, 22(4), 225-234.
- Bogels, S., Hoogstad, B., van Dun, L., De Shutter, S., & Restifo, K. (2008). Mindfulness training for adolescents with externalising disorders and their parents. *Behavioural and Cognitive Psychotherapy*, 36(2), 193-209.
- Bradshaw, C.P., Schaeffer, C.M., Petras, H., & Ialongo, N. (2010). Predicting negative life outcomes from early aggressive-disruptive behavior trajectories: gender

- differences in maladaptation across life domains. *Journal of Youth and Adolescence*, 39(8), 953-966.
- Brock, L.L., Rimm-Kaufman, S.E., Nathanson, L., & Grimm, K.J. (2009). The contributions of 'hot' and 'cool' executive function to children's academic achievement, learning-related behaviors, and engagement in kindergarten. *Early Childhood Research Quarterly*, 24(3), 337-349.
- Brotman, L.M., Gouley, K.K., Huang, K.Y., Kamboukos, D., Fratto, C., & Pine, D.S. (2007). Effects of a psychosocial family-based preventive intervention on cortisol response to a social challenge in preschoolers at high risk for antisocial behavior. *Archives of General Psychiatry*, 64(10), 1172-1179.
- Bubier, J.L., & Drabick, D.A. (2009). Co-occurring anxiety and disruptive behavior disorders: the roles of anxious symptoms, reactive aggression, and shared risk processes. *Clinical Psychology Review*, 29(7), 658-669.
- Burke, J.D. (2012). An affective dimension within oppositional defiant disorder symptoms among boys: personality and psychopathology outcomes into early adulthood. *Journal of Child Psychology and Psychiatry*, 53(11), 1176-1183.
- Burke, J.D., Hipwell, A.E., & Loeber, R. (2010). Dimensions of oppositional defiant disorder as predictors of depression and conduct disorder in preadolescent girls. *Journal of the American Academy of Child and Adolescent Psychiatry*, 49(5), 484-492.

C

- Calkins, S. D., Graziano, P. A., & Keane, S. P. (2007). Cardiac vagal regulation differentiates among children at risk for behavior problems. *Biological Psychology*, 74(2), 144-153.
- Cavanagh, M., Quinn, D., Duncan, D., Graham, T., & Balbuena, L. (2014). Oppositional Defiant Disorder Is Better Conceptualized as a Disorder of Emotional Regulation. *Journal of Attention Disorders*.
- Chamberlain, P., & Reid, J.B. (1987). Parent observation and report of child symptoms. *Journal of Behavioral Assessment*, 9, 97-109.
- Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd ed.). Hillsdale: Erlbaum Associates.
- Cole, P. M., & Deater-Deckard, k. (2009). Emotion regulation, risk, and psychopathology. *Journal of Child Psychology and Psychiatry*, 50(11), 1327-1330.
- Constantino, J.N., Davis, S.A., Todd, R.D., Schindler, M.K., Gross, M.M., Brophy, S.L., Metzger, L.M., Shoushtari, C.S., Splinter, R., & Reich, W. (2003). Validation of a brief quantitative measure of autistic traits: comparison of the social responsiveness scale with the autism diagnostic interview-revised. *Journal of Autism and Developmental Disorders*, 33(4), 427-433.

-
- Constantino, J.N., & Gruber, C.P. (2005). *Social responsiveness scale (SRS) manual*. Los Angeles: Western Psychological Services.
- Crick, N., & Dodge, K.A. (1996). Social information-processing mechanisms in reactive and proactive aggression. *Child Development*, 67(3), 993-1002.
- Crockett, E.E., Holmes, B.M., Granger, D.A., & Lyons-Ruth, K. (2013). Maternal disrupted communication during face-to-face interaction at 4 months: relation to maternal and infant cortisol among at-risk families. *Infancy*, 18(6), 1111-1134.
- Crockett, M.J., Clark, L., Tabibnia, G., Lieberman, M.D., & Robbins, T.W. (2008). Serotonin modulates behavioral reactions to unfairness. *Science*, 320(5884), 1739.
- Crone, E.A., & van der Molen, M.W. (2004). Developmental changes in real life decision making: performance on a gambling task previously shown to depend on the ventromedial prefrontal cortex. *Developmental Neuropsychology*, 25(3), 251-279.
- Crowell, S.E., Beauchaine, T.P., Gatzke-Kopp, L., Sylvers, P., Mead, H., & Chipman-Chacon, J. (2006). Autonomic correlates of attention-deficit/hyperactivity disorder and oppositional defiant disorder in preschool children. *Journal of Abnormal Psychology*, 115(1), 174-178.

D

- Dadds, M.R., Maujean, A.,& Fraser, J.A. (2003). Parenting and conduct problems in children: Australian data and psychometric properties of the Alabama Parenting Questionnaire. *Australian Psychologist*, 38(3), 238-241.
- Daugherty, T., & Quay, H. (1991). Response perseveration and delayed responding in childhood behavior disorders. *Journal of Child Psychology and Psychiatry*, 32(3), 453-461.
- De Los Reyes, A., & Kazdin, A.E. (2005). Informant discrepancies in the assessment of childhood psychopathology: a critical review, theoretical framework, and recommendations for further study. *Psychological Bulletin*, 131(4), 483-509.
- De Sonneville, L.M.J. (2005). Amsterdam Neuropsychological Tasks: scientific and clinical applications. *Tijdschrift voor Neuropsychologie*, 0, 27-41.
- De Sonneville, L.M.J. (2012). *Handboek Amsterdamse Neuropsychologische Taken*. Amsterdam: Boom Test Uitgevers.
- De Wied, M., van Boxtel, A.V., Matthys, W., & Meeus, W. (2012). Verbal, facial and autonomic responses to empathy-eliciting film clips by disruptive male adolescents with high versus low callous-unemotional traits. *Journal of Abnormal Child Psychology*, 40(2), 211-223.
- De Wied, M., Van Boxtel, A. V., Posthumus, J. A., Goudena, P. P., & Matthys, W.

- (2009). Facial EMG and heart rate responses to emotion-inducing film clips in boys with disruptive behavior disorders. *Psychophysiology*, 46(5), 996-1004.
- De Wied, M., Van der Baan, H., Raaijmakers, Q., De Ruiter, C., & Meeus, W. (2014). Factor structure and construct validity of the Dutch version of the Antisocial Process Screening Device. *Journal of Psychopathology and Behavioral Assessment*, 36(1), 84-92.
- Denham, S.A., Blair, K.A., DeMulder, E., Levitas, J., Sawyer, K., Auerbach-Major, S., & Queenan, P. (2003). Preschool emotional competence: pathway to social competence? *Child Development*, 74(1), 238-256.
- Diamond, A. (2013). Executive functions. *Annual Review of Psychology*, 64(1), 135-168.
- Dieleman, G.C., Huizink, A.C., Tulen, J.H., Utens, E.M., Creemers, H.E., Van Der Ende, J., & Verhulst, F.C. (2015). Alterations in HPA-axis and autonomic nervous system functioning in childhood anxiety disorders point to a chronic stress hypothesis. *Psychoneuroendocrinology*, 51, 135-150.
- Dietrich, A., Ormel, J., Buitelaar, J.K., Verhulst, F.C., Hoekstra, P.J., & Hartman, C.A. (2013). Cortisol in the morning and dimensions of anxiety, depression, and aggression in children from a general population and clinic-referred cohort: An integrated analysis. The TRAILS study. *Psychoneuroendocrinology*, 38, 1281-1298.
- Dietrich, A., Riese, H., Sondeijker, F. E., Greaves-Lord, K., Van Roon, A. M., Ormel, J., . . . Rosmalen, J. G. (2007). Externalizing and internalizing problems in relation to autonomic function: a population-based study in preadolescents. *Journal of the American Academy of Child & Adolescent Psychiatry*, 46(3), 378-386.
- Dodge, K.A. (1980). Social cognition and children's aggressive behavior. *Child Development* 51(1), 162-170.
- Dodge, K.A. (1991). *The structure and function of reactive and proactive aggression*, in: Pepler, D.J., Rubin, K.H. (Eds.), *The development and treatment of childhood aggression*. Hillsdale: Erlbaum, pp. 201-218.
- Dolan, M., & Lennox, C. (2013). Cool and hot executive function in conduct-disordered adolescents with and without co-morbid attention deficit hyperactivity disorder: relationships with externalizing behaviours. *Psychological Medicine*, 43(11), 2427-2436.
- Dorn, L.D., Kolko, D.J., Shenk, C.E., Susman, E.J., & Bukstein, O. (2011). Influence of treatment for disruptive behavior disorders on adrenal and gonadal hormones in youth. *Journal of Clinical Child & Adolescent Psychology*, 40(4), 562-571.
- Dressendorfer, R.A., Kirschbaum, C., Rohde, W., Stahl, F., & Strasburger, C.J. (1992). Synthesis of a cortisol-biotin conjugate and evaluation as a tracer in an immunoassay for salivary cortisol measurement. *The Journal of Steroid Biochemistry and Molecular Biology*, 43(7), 683-692.

E

- Ernst, M., Grant, S.J., London, E.D., Contoreggi, C.S., Kimes, A.S., & Spurgeon, L. (2003). Decision making in adolescents with behavior disorders and adults with substance abuse. *American Journal of Psychiatry, 160*(1), 33-40.
- Euler, F., Sterzer, P., & Stadler, C. (2014). Cognitive control under distressing emotional stimulation in adolescents with conduct disorder. *Aggressive Behavior, 40*(2), 109-119.
- Eyberg, S., Nelson, M., & Boggs, S. (2008). Evidence-based psychosocial treatments for children and adolescents with disruptive behavior. *Journal of Clinical Child and Adolescent Psychology, 37*(1), 215-237.

F

- Factor, P.I., Reyes, R.A., & Rosen, P.J. (2014). Emotional impulsivity in children with ADHD associated with comorbid—not ADHD—symptomatology. *Journal of Psychopathology and Behavioral Assessment, 36*(4), 530-541.
- Factor, P.I., Rosen, P.J., & Reyes, R.A. (2016). The relation of poor emotional awareness and externalizing behavior among children with ADHD. *Journal of Attention Disorders, 20*(2), 168-177.
- Fairchild, G., Van Goozen, S.H.M., Stollery, S.J., Aitken, M.R., Savage, J., Moore, S.C., & Goodyer, I.M. (2009). Decision making and executive function in male adolescents with early-onset or adolescence-onset conduct disorder and control subjects. *Biological Psychiatry, 66*(2), 162-168.
- Fairchild, G., Van Goozen, S.H.M., Stollery, S.J., Brown, J., Gardiner, J., Herbert, J., & Goodyer, I.M. (2008). Cortisol diurnal rhythm and stress reactivity in male adolescents with early-onset or adolescence-onset conduct disorder. *Biological psychiatry, 64*(7), 599-606.
- Feilhauer, J., Cima, M., Korebrits, A., & Nicolson, N.A. (2013). Salivary cortisol and psychopathy dimensions in detained antisocial adolescents. *Psychoneuroendocrinology, 38*, 1586-1595.
- Ferdinand, R.F., & van der Ende, J. (2002). *Nederlandse vertaling van de disc-iv; Diagnostic Interview Schedule for Children*. Rotterdam: Afdeling kinder- en jeugdpsychiatrie van het Sophia Kinderziekenhuis.
- Forehand, R., Jones, D., & Parent, J. (2013). Behavioral parenting interventions for child disruptive behaviors and anxiety: What's different and what's the same. *Clinical Psychology Review, 33*(1), 133-145.
- Freeman, G.L. (1939). Toward a psychiatric plimsoll mark: physiological recovery quotients in experimentally induced frustration. *The Journal of Psychology, 8*(2), 247-252.

- Frick, P.J., & Hare, R.D. (2001). *The antisocial process screening device*. Toronto: Multi-Health.
- Furlong, M., McGilloway, S., Bywater, T., Hutchings, J., Smith, S.M., & Donnelly, M. (2013). Cochrane Review: Behavioural and cognitive-behavioural group-based parenting programmes for early-onset conduct problems in children aged 3 to 12 years (Review). *Evidence Based Child Health: A Cochrane Review Journal*, 8(2), 318-692.

G

- Gao, Y., Tuvblad, C., Schell, A., Baker, L., & Raine, A. (2015). Skin conductance fear conditioning impairments and aggression: A longitudinal study. *Psychophysiology*, 52(2), 288-295.
- García-Sancho, E., Salguero, J.M., & Fernández-Berrocal, P. (2014). Relationship between emotional intelligence and aggression: A systematic review. *Aggression and Violent Behavior*, 19(5), 584-591.
- Gardner, F., Montgomery, P., & Knerr, W. (2015). Transporting evidence-based parenting programs for child problem behavior (age 3–10) between countries: Systematic review and meta-analysis. *Journal of Clinical Child & Adolescent Psychology*, 1, 1-14.
- Garnefski, N., Rieffe, C., Jellesma, F., Terwogt, M.M., & Kraaij, V. (2007). Cognitive emotion regulation strategies and emotional problems in 9 - 11-year-old children: the development of an instrument. *European Child & Adolescent Psychiatry*, 16(1), 1-9.
- Garralda, M. E., Connell, J., & Taylor, D. C. (1991). Psychophysiological anomalies in children with emotional and conduct disorders. *Psychological Medicine*, 21(4), 947-957.
- Gatzke-Kopp, L.M., Greenberg, M., & Bierman, K. (2015). Children's parasympathetic reactivity to specific emotions moderates response to intervention for early-onset aggression. *Journal of Clinical Child & Adolescent Psychology*, 44(2), 291-304.
- Gatzke-Kopp, L.M., Greenberg, M.T., Fortunato, C.K., & Coccia, M.A. (2012). Aggression as an equifinal outcome of distinct neurocognitive and neuroaffective processes. *Development and Psychopathology*, 24(3), 985-1002.
- Geurts, H.M., Verte, S., Oosterlaan, J., Roeyers, H., & Sergeant, J.A. (2004). How specific are executive functioning deficits in attention deficit hyperactivity disorder and autism? *Journal of Child Psychology and Psychiatry*, 45(4), 836-854.
- Gioia, G.A., Isquith, P.K., Guy, S.C., & Kenworthy, L. (2000). *Behavior Rating Inventory of Executive Function*. Odessa: Psychological Assessment Resources.
- Graziano, P.A., Reavis, R.D., Keane, S.P., & Calkins, S.D. (2007). The role of emotion

-
- regulation and children's early academic success. *Journal of School Psychology*, 45(1), 3-19.
- Grecucci, A., Giorgetta, C., Van't Wout, M., Bonini, N., & Sanfey, A.G. (2013). Reappraising the ultimatum: an fMRI study of emotion regulation and decision making. *Cerebral Cortex*, 23(2), 399-410.
- Griffin, K.W., Botvin, G.J., Scheier, L.M., Diaz, T., & Miller, N.L. (2000). Parenting practices as predictors of substance use, delinquency, and aggression among urban minority youth: moderating effects of family structure and gender. *Psychology of Addicted Behaviors*, 14(2), 174-184.
- Gross, J.J. (1998). The emerging field of emotion regulation: An integrative review. *Review of general psychology*, 2(3), 271-299.
- Gross, J.J., & John, O.P. (2003). Individual differences in two emotion regulation processes: Implications for affect, relationships, and well-being. *Journal of Personality and Social Psychology*, 85(2), 348-62.
- Gunnar, M., & Quevedo, K. (2007). The Neurobiology of Stress and Development. *Annual Review of Psychology*, 58, 145-173.
- Gunther, T., Konrad, K., De Brito, S.A., Herpertz-Dahlmann, B., & Vloet, T.D. (2011). Attentional functions in children and adolescents with ADHD, depressive disorders, and the comorbid condition. *Journal of Child Psychology and Psychiatry*, 52(3), 324-331.
- Gyurak, A., Gross, J. J., & Etkin, A. (2011). Explicit and implicit emotion regulation: A dual-process framework. *Cognition & Emotion*, 25(3), 400-412.

H

- Hagen, K.A., Ogden, T., & Bjørnebekk, G. (2011). Treatment outcomes and mediators of parent management training: A one-year follow-up of children with conduct problems. *Journal of Clinical Child & Adolescent Psychology*, 40(2), 165-178.
- Harle, K.M., & Sanfey, A.G. (2007). Incidental sadness biases social economic decisions in the Ultimatum Game. *Emotion*, 7(4), 876-881.
- Hastings, P., Fortier, I., Utendale, W., Simard, L., & Robaey, P. (2009). Adrenocortical functioning in boys with attention-deficit/hyperactivity disorder: examining subtypes of ADHD and associated comorbid conditions. *Journal of Abnormal Child Psychology*, 37(4), 565-578.
- Hastings, P.D., Shirtcliff, E.A., Klimes-Dougan, B., Allison, A.L., Derose, L., Kendziora, K.T., Usher, B.A., & Zahn-Waxler, C. (2011). Allostasis and the development of internalizing and externalizing problems: changing relations with physiological systems across adolescence. *Development and Psychopathology*, 23(4), 1149-1165.
- Hautmann, C., Hoijtink, H., Eichelberger, I., Hanisch, C., Plück, J., Walter, D.,

- & Döpfner, M. (2009). One-year follow-up of a parent management training for children with externalizing behaviour problems in the real world. *Behavioural and Cognitive Psychotherapy, 37*(4), 379-396.
- Hawes, D., Brennan, J., & Dadds, M. (2009). Cortisol, callous-unemotional traits, and pathways to antisocial behavior. *Current opinion in psychiatry, 22*(4), 357-362.
- Heatherton, T.F., & Wagner, D.D. (2011). Cognitive neuroscience of self-regulation failure. *Trends in Cognitive Science, 15*(3), 132-139.
- Heatherton, T.F. (2011). Neuroscience of self and self-regulation. *Annual Review of Psychology, 62*, 363-390.
- Herpertz, S.C., Mueller, B., Wenning, B., Qunaibi, M., Licherfeld, C., & Herpertz-Dahlmann, B. (2003). Autonomic responses in boys with externalizing disorders. *Journal of neural transmission (Vienna), 110*(10), 1181-1195.
- Herpertz, S.C., Wenning, B., Mueller, B., Qunaibi, M., Sass, H., & Herpertz-Dahlmann, B. (2001). Psychophysiological responses in ADHD boys with and without conduct disorder: implications for adult antisocial behavior. *Journal of the American Academy of Child and Adolescent Psychiatry, 40*(10), 1222-1230.
- Higa-McMillan, C.K., Francis, S.E., Rith-Najarian, L., & Chorpita, B.F. (2016). Evidence base update: 50 years of research on treatment for child and adolescent anxiety. *Journal of Clinical Child & Adolescent Psychology, 45*(2), 91-113.
- Hirstein, W., Iversen, P., & Ramachandran, V.S. (2001). Autonomic responses of autistic children to people and objects. *Biological Sciences, 268*(1479), 1883-1888.
- Hobson, C. W., Scott, S., & Rubia, K. (2011). Investigation of cool and hot executive function in ODD/CD independently of ADHD. *Journal of Child Psychology and Psychiatry, 52*(10), 1035-1043.
- Hooper, C.J., Luciana, M., Conklin, H.M., & Yarger, R.S. (2004). Adolescents' performance on the Iowa Gambling Task: implications for the development of decision making and ventromedial prefrontal cortex. *Developmental Psychology, 40*(6), 1148-1158.
- Hubbard, J.A., McAuliffe, M.D., & Morrow, L.J. (2010). Reactive and Proactive Aggression in Childhood and Adolescence: Precursors, Outcomes, Processes, Experiences, and Measurement. *Journal of personality, 78*(1), 95-118.
- Huijbregts, S., Swaab, H., & De Sonneville, L.M.J. (2010). Cognitive and motor control in neurofibromatosis type I: influence of maturation and hyperactivity-inattention. *Developmental Neuropsychology, 35*(6), 737-751.

J

- Ji, J., Negriff, S., Kim, H., & Susman, E.J. (2015). A study of cortisol reactivity and recovery among young adolescents: Heterogeneity and longitudinal stability

and change. *Developmental Psychobiology*, 58(3), 283-302.

K

- Kaat, A.J., & Lecavalier, L. (2013). Disruptive behavior disorders in children and adolescents with autism spectrum disorders: A review of the prevalence, presentation, and treatment. *Research in Autism Spectrum Disorders*, 7(12), 1579-1594.
- Kabat-Zinn, J. (2003). Mindfulness-based interventions in context: Past, present, and future. *Clinical Psychology. Science and Practice*, 10(2), 144-156.
- Kazdin, A.E. (1997). Parent management training: evidence, outcomes, and issues. *Journal of the American Academy of Child & Adolescent Psychiatry*, 36(10), 1349-1356.
- Kazdin, A.E. (2000). Treatments for aggressive and antisocial children. *Child and Adolescent Psychiatric Clinics of North America*, 9(4), 841-858.
- Kempes, M., Matthys, W., de Vries, H., & Van Engeland, H. (2005). Reactive and proactive aggression in children—a review of theory, findings and the relevance for child and adolescent psychiatry. *European Child & Adolescent Psychiatry*, 14(1), 11-19.
- Kimonis, E.R., Frick, P.J., Cauffman, E., Goldweber, A., & Skeem, J. (2012). Primary and secondary variants of juvenile psychopathy differ in emotional processing. *Development and Psychopathology*, 24(3), 1091–1103.
- Koenigs, M., Kruepke, M., & Newman, J.P. (2010). Economic decision-making in psychopathy: a comparison with ventromedial prefrontal lesion patients. *Neuropsychologia*, 48(7), 2198-2204.
- Koenigs, M., & Tranel, D. (2007). Irrational economic decision-making after ventromedial prefrontal damage: evidence from the Ultimatum Game. *The Journal of neuroscience*, 27(4), 951-956.
- Kort, W., Schittekatte, M., Dekker, P.H., Verhaeghe, P., Compaan, E.L., Bosmans, M., & Vermeir, G. (2005). *WISC-III NL Wechsler Intelligence Scale for Children. Derde Editie NL. Handleiding en Verantwoording*. Amsterdam: Harcourt Test Publishers/Nederlands Instituut voor Psychologen.
- Kring, A.M., & Werner, K.H. (2004). *Emotion regulation in psychopathology*, in: Philippot, P., Feldman, R.S. (Eds.), In *The regulation of emotion*. Mahwah: Lawrence Erlbaum Associates , pp. 359-385.
- Kudielka, B.M., Buske-Kirschbaum, A., Hellhammer, D.H., & Kirschbaum, C. (2004). HPA axis responses to laboratory psychosocial stress in healthy elderly adults, younger adults, and children: impact of age and gender. *Psychoneuroendocrinology*, 29(1), 83-98.

L

- Lambie, J.A., & Marcel, A.J. (2002). Consciousness and the varieties of emotion experience: A theoretical framework. *Psychological Review*, 109(2), 219-259.
- Linden, W., Earle, T.L., Gerin, W., & Christenfeld, N. (1997). Physiological stress reactivity and recovery: Conceptual siblings separated at birth? *Journal of Psychosomatic Research*, 42(2), 117-135.
- Loney, B., Butler, M., Lima, E., Counts, C., & Eckel, L. (2006). The relation between salivary cortisol, callous-unemotional traits, and conduct problems in an adolescent non-referred sample. *Journal of child psychology and psychiatry*, 47(1), 30-36.
- Lopes, P.N., Salovey, P., Cote, S., & Beers, M. (2005). Emotion regulation abilities and the quality of social interaction. *Emotion*, 5(1), 113-118.
- Loeber, R., Burke, J.B., Lahey, B.B., Winters, A., & Zera, M. (2000). Oppositional defiant and conduct disorder: a review of the past 10 years, part I. *Journal of the American Academy of Child & Adolescent Psychiatry*, 39(12), 1468-1484.
- Lorber, M.F. (2004). Psychophysiology of aggression, psychopathy, and conduct problems: a meta-analysis. *Psychological Bulletin*, 130(4), 531-552.
- Lundahl, B., Risser, H.J., & Lovejoy, M.C. (2006). A meta-analysis of parent training: moderators and follow-up effects. *Clinical Psychology Review*, 26(1), 86-104.

M

- Marsh, A.A., & Blair, R.J. (2008). Deficits in facial affect recognition among antisocial populations: A meta-analysis. *Neuroscience and Biobehavioral Reviews*, 32(3), 454-465.
- Manninen, M., Therman, S., Suvisaari, J., Ebeling, H., Moilanen, I., Huttunen, M., & Joukamaa, M. (2011). Alexithymia is common among adolescents with severe disruptive behavior. *The Journal of nervous and mental disease*, 199(7), 506-509.
- Matson, J.L., & Cervantes, P.E. (2014). Assessing aggression in persons with autism spectrum disorders: An overview. *Research in Developmental Disabilities*, 35(12), 3269-3275.
- Matthys, W., & Lochman, J.E. (2010). *Oppositional defiant disorder and conduct disorder in childhood*. West Sussex: Wiley-Blackwell.
- Mazefsky, C.A., Herrington, J., Siegel, M., Scarpa, A., Maddox, B.B., Scahill, L., & White, S.W. (2013). The role of emotion regulation in autism spectrum disorder. *Journal of the American Academy of Child & Adolescent Psychiatry*, 52(7), 679-688.
- Mazurek, M.O., Kanne, S.M., & Wodka, E.L. (2013). Physical aggression in children

-
- and adolescents with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 7(3), 455-465.
- McBurnett, K., Lahey, B.B., Frick, P.J., Risch, C., Loeber, R., Hart, E.L., Christ, M.A., & Hanson, K.S. (1991). Anxiety, inhibition, and conduct disorder in children: II. Relation to salivary cortisol. *Journal of the American Academy of Child & Adolescent Psychiatry*, 30(2), 192-196.
- McLaughlin, K.A., Hatzenbuehler, M.L., Mennin, D.S., & Nolen-Hoeksema, S. (2011). Emotion dysregulation and adolescent psychopathology: a prospective study. *Behaviour Research and Therapy*, 49(9), 544-554.
- Mehta, P.H., & Beer, J. (2010). Neural mechanisms of the testosterone-aggression relation: the role of orbitofrontal cortex. *Journal of Cognitive Neuroscience*, 22(10), 2357-2368.
- Meuwly, N., Bodenmann, G., Germann, J., Bradbury, T., Ditzen, B., & Heinrichs, M. (2012). Dyadic coping, insecure attachment, and cortisol stress recovery following experimentally induced stress. *Journal of Family Psychology*, 26(6), 937-947.
- Mezzacappa, E., Tremblay, R.E., Kindlon, D., Saul, J.P., Arseneault, L., Seguin, J., . . . Earls, F. (1997). Anxiety, antisocial behavior, and heart rate regulation in adolescent males. *Journal of Child Psychology and Psychiatry*, 38(4), 457-469.
- Michelson, D., Davenport, C., Dretzke, J., Barlow, J., & Day, C. (2013). Do evidence-based interventions work when tested in the "real world?" A systematic review and meta-analysis of parent management training for the treatment of child disruptive behavior. *Clinical Child and Family Psychology Review*, 16(1), 18-34.
- Mills Koonce, W.R., Wagner, N.J., Willoughby, M.T., Stifter, C., Blair, C., & Granger, D.A. (2015). Greater fear reactivity and psychophysiological hyperactivity among infants with later conduct problems and callous-unemotional traits. *Journal of Child Psychology and Psychiatry* 56(2), 147-154.
- Ming, X., Julu, P.O., Brimacombe, M., Connor, S., & Daniels, M.L. (2005). Reduced cardiac parasympathetic activity in children with autism. *Brain and Development*, 27(7), 509-516.
- Moffit, T.E. (1993). Adolescent-limited and life-course-persistent antisocial behavior: a developmental taxonomy. *Psychological Review*, 100(4), 674-701.
- Morgan, A.B., & Lilienfeld, S.O. (2000). A meta-analytic review of the relation between antisocial behavior and neuropsychological measures of executive function. *Clinical Psychology Review*, 20(1), 113-136.

N

Northover, C., Thapar, A., Langley, K., Fairchild, G., & Van Goozen, S.H.M. (2016).

- Cortisol levels at baseline and under stress in adolescent males with attention-deficit hyperactivity disorder, with or without comorbid conduct disorder. *Psychiatry Research*, 242, 130-136.
- Northover, C., Thapar, A., Langley, K., & Van Goozen, S.H.M. (2015). Emotion regulation in adolescent males with attention-deficit hyperactivity disorder: testing the effects of comorbid conduct disorder. *Brain Sciences*, 5(3), 369-386.
- Ng, M.I., & Weisz, J.R. (2016). Annual Research Review: Building a science of personalized intervention for youth mental health. *Journal of Child Psychology and Psychiatry*, 57(3), 216-236.

O

- O'Neal, C.R., Brotman, L.M., Huang, K.Y., Gouley, K.K., Kamboukos, D., Calzada, E.J., & Pine, D.S. (2010). Understanding relations among early family environment, cortisol response, and child aggression via a prevention experiment. *Child Development*, 81(1), 290-305.
- Offord, D.R., & Bennet, K.J. (1994). Conduct disorder: long term outcomes and intervention effectiveness. *Journal of the American Academy of Child & Adolescent Psychiatry*, 33(8), 1069-1078.
- Ogden, T., & Hagen, K.A. (2008). Treatment effectiveness of Parent Management Training in Norway: a randomized controlled trial of children with conduct problems. *Journal of Consulting and Clinical Psychology*, 76(4), 607-621.
- Orobio de Castro, B., Veerman, J.W., Koops, W., Bosch, J.D., & Monshouwer, H.J. (2002). Hostile attribution of intent and aggressive behavior: a meta-analysis. *Child Development*, 73(3), 916-934.
- Ortiz, J., & Raine, A. (2004). Heart rate level and antisocial behavior in children and adolescents: a meta-analysis. *Journal of the American Academy of Child & Adolescent Psychiatry*, 43(2), 154-162.

P

- Pajer, K., Gardner, W., Rubin, R.T., Perel, J., & Neal, S. (2001). Decreased cortisol levels in adolescent girls with conduct disorder. *Archives of General Psychiatry*, 58(3), 297-302.
- Patterson, G.R. (2005). The next generation of PMTO models. *Behavior Therapist*, 28(2), 27-33.
- Patterson, G.R., Chamberlain, P., & Reid, J.B. (1982). A comparative evaluation of a parent-training program. *Behavior Therapy*, 13(5), 638-650.
- Patterson, G.R., & Stouthamer-Loeber, M. (1984). The correlation of family management practices and delinquency. *Child Development*, 55(4), 1299-1307.

-
- Pennington, B.F., & Ozonoff, S. (1996). Executive functions and developmental psychopathology. *Journal of Child Psychology and Psychiatry*, 37(1), 51-87.
- Pliszka, S.R. (2015). Conceptual issues in understanding comorbidity in ADHD. In Adler, L.A., Spencer, T.J., & Wilens, T.E. (Ed) *Attention-Deficit Hyperactivity Disorder in Adults and Children*. Cambridge: Cambridge University Press.
- Polman, H., Orobio de Castro, B., Koops, W., van Boxtel, H.W., & Merk, W.W. (2007). A meta-analysis of the distinction between reactive and proactive aggression in children and adolescents. *Journal of Abnormal Child Psychology*, 35(4), 522-535.
- Polman, H., Orobio de Castro, B., Thomaes, S., & van Aken, M. (2009). New directions in measuring reactive and proactive aggression: validation of a teacher questionnaire. *Journal of Abnormal Child Psychology*, 37(2), 183-193.
- Popma, A., Jansen, L.M., Vermeiren, R., Steiner, H., Raine, A., Van Goozen, S.H.M., Van Engeland, H., & Doreleijers, T.A. (2006). Hypothalamus pituitary adrenal axis and autonomic activity during stress in delinquent male adolescents and controls. *Psychoneuroendocrinology*, 31, 948-957.
- Porges, S.W. (2001). The polyvagal theory: phylogenetic substrates of a social nervous system. *International Journal of Psychophysiology*, 42(2), 123-146.
- Porges, S.W. (2007). The polyvagal perspective. *Biological Psychology*, 74(2), 116-143.
- Porges, S.W. (1992). Vagal tone: a physiologic marker of stress vulnerability. *Pediatrics*, 90(3 Pt 2), 498-504.
- Portnoy, J., & Farrington, D. (2015). Resting heart rate and antisocial behavior: An updated systematic review and meta-analysis. *Aggression and Violent Behavior*, 22, 33-45.
- Poustka, L., Maras, A., Hohm, E., Fellinger, J., Holtmann, M., Banaschewski, T., Lewicka, S., Schmidt, M., Esser, G., & Laucht, M. (2010). Negative association between plasma cortisol levels and aggression in a high-risk community sample of adolescents. *Journal of Neural Transmission* 117(5), 621-627.
- Prencipe, A., Kesek, A., Cohen, J., Lamm, C., Lewis, M.D., & Zelazo, P.D. (2011). Development of hot and cool executive function during the transition to adolescence. *Journal of Experimental Child Psychology*, 108(3), 621-637.
- Pruessner, J.C., Kirschbaum, C., Meinlschmid, G., & Hellhammer, D.H. (2003). Two formulas for computation of the area under the curve represent measures of total hormone concentration versus time-dependent change. *Psychoneuroendocrinology* 28(7), 916-931.

R

- Raine, A. (1993). *The psychopathology of crime: Criminal behavior as a clinical disorder*. San Diego: Academic Press.

- Rieffe, C., Oosterveld, P., Miers, A.C., Meerum Terwogt, M., & Ly, V. (2008). Emotion awareness and internalizing symptoms in children and adolescents: The Emotion Awareness Questionnaire revised. *Personality and Individual Differences*, 45, 756-761.
- Rieffe, C., Oosterveld, P., Terwogt, M.M., Mootz, S., van Leeuwen, E., & Stockmann, L. (2011). Emotion regulation and internalizing symptoms in children with autism spectrum disorders. *Autism*, 15(6), 655-670.
- Roeyers, H., Thys, M., Druart, C., De Schryver, M., & Schittekatte, M. (2011). *Screeningslijst voor autismespectrumstoornissen. Handleiding*. Amsterdam: Hogrefe Uitgevers.
- Rogeness, G.A., Cepeda, C., Macedo, C.A., Fischer, C., & Harris, W.R. (1990). Differences in heart rate and blood pressure in children with conduct disorder, major depression, and separation anxiety. *Psychiatric Research*, 33(2), 199-206.
- Roll, J., Koglin, U., & Petermann, F. (2012). Emotion regulation and childhood aggression: longitudinal associations. *Child Psychiatry & Human Development*, 43(6), 909-923.
- Rommelse, N.N., Altink, M.E., Oosterlaan, J., Buschgens, C.J., Buitelaar, J., & Sergeant, J.A. (2008). Support for an independent familial segregation of executive and intelligence endophenotypes in ADHD families. *Psychological Medicine*, 38(11), 1595-1606.

S

- Sanfey, A.G., Rilling, J.K., Aronson, J.A., Nystrom, L.E., & Cohen, J.D. (2003). The neural basis of economic decision-making in the Ultimatum Game. *Science*, 300(5626), 1755-1758.
- Sapolsky, R. M. (1998). *Why zebras don't get ulcers. The Acclaimed Guide to Stress, Stress-Related Diseases, and Coping*. New York: Henry Holt and Company.
- Sattler, J.M., 1992. *Assessment of children*. (3rd edn, rev. and updated). San Diego: J. M. Sattler.
- Scarpa, A., Haden, S.C., & Tanaka, A. (2010). Being hot-tempered: autonomic, emotional, and behavioral distinctions between childhood reactive and proactive aggression. *Biological Psychology*, 84(3), 488-496.
- Scarpa, A., Tanaka, A., & Haden, S.C. (2008). Biosocial bases of reactive and proactive aggression: the roles of community violence exposure and heart rate. *Journal of Community Psychology*, 36(8), 969-988.
- Schoen, S.A., Miller, L.J., Brett-Green, B.A., & Nielsen, D.M. (2009). Physiological and behavioral differences in sensory processing: a comparison of children with autism spectrum disorder and sensory modulation disorder. *Frontiers in Integrative Neuroscience*, 3, 29.

-
- Schoorl, J., Van Rijn, S., De Wied, M., Van Goozen, S.H.M., & Swaab, H. (2016a). Variability in emotional/behavioral problems in boys with oppositional defiant disorder or conduct disorder: the role of arousal. *European Child and Adolescent Psychiatry*, 25, 821-830.
- Schoorl, J., Van Rijn, S., De Wied, M., Van Goozen, S.H.M., & Swaab, H. (2016b). Emotion regulation difficulties in boys with disruptive behavior disorders: the role of autism traits and attention problems. *PLoS ONE*, 11.
- Schoorl, J., Van Rijn, S., De Wied, M., Van Goozen, S.H.M., & Swaab, H. (2016c). The role of anxiety in cortisol stress response and cortisol recovery in boys with oppositional defiant disorder/conduct disorder. *Psychoneuroendocrinology*, 73, 217-223.
- Scott, S., Knapp, M., Henderson, J., Maughan, B. (2001). Financial cost of social exclusion: follow up of antisocial children into adulthood. *British Medical Journal*, 323(7306), 191.
- Scott, B.G., & Weems, C.F. (2014). Resting vagal tone and vagal response to stress: associations with anxiety, aggression, and perceived anxiety control among youths. *Psychophysiology*, 51(8), 718-727.
- Séguin, J.R., Arseneault, L., & Tremblay, R.E. (2007). The contribution of "cool" and "hot" components of decision-making in adolescence: Implications for developmental psychopathology. *Cognitive Development*, 22(4), 530-543.
- Séguin, J.R., Nagin, D., Assaad, J.M., & Tremblay, R.E. (2004). Cognitive-neuropsychological function in chronic physical aggression and hyperactivity. *Journal of Abnormal Psychology*, 113(4), 603-613.
- Shaffer, D., Fisher, P., Lucas, C.P., Dulcan, M.K., & Schwab-Stone, M.E. (2000). NIMH Diagnostic Interview Schedule for Children Version IV (NIMH DISC-IV): description, differences from previous versions, and reliability of some common diagnoses. *Journal of the American Academy of Child and Adolescent Psychiatry*, 39(1), 28-38.
- Shawler, P. M., & Sullivan, M. A. (2015). Parental stress, discipline strategies, and child behavior problems in families with young children with autism spectrum disorders. *Focus on Autism and Other Developmental Disabilities*.
- Sharf, A., Kimonis, E.R., & Howard, A. (2014). Negative life events and posttraumatic stress disorder among incarcerated boys with callous-unemotional traits. *Journal of Psychopathology and Behavioral Assessment*, 36(3), 401-414.
- Shelton, K.K., Frick, P.J., & Wootton, J. (1996). Assessment of parenting practices in families of elementary school-age children. *Journal of Clinical Child Psychology*, 25(3), 317-329.
- Short, R. M., Sonuga-Barke, E.J., Adams, W.J., & Fairchild, G. (2016). Does comorbid anxiety counteract emotion recognition deficits in conduct disorder? *Journal of Child Psychology and Psychiatry*.

- Snoek, H., Van Goozen, S.H.M., Matthys, W., Buitelaar, J.K., & Van Engeland, H. (2004). Stress responsivity in children with externalizing behavior disorders. *Development and Psychopathology*, 16(2), 389-406.
- Stadler, C., Grasmann, D., Fegert, J. M., Holtmann, M., Poustka, F., & Schmeck, K. (2008). Heart rate and treatment effect in children with disruptive behavior disorders. *Child Psychiatry & Human Development*, 39(3), 299-309.
- Stadler, C., Kroeger, A., Weyers, P., Grasmann, D., Horschinek, M., Freitag, C., & Clement, H.W. (2011). Cortisol reactivity in boys with attention-deficit/hyperactivity disorder and disruptive behavior problems: The impact of callous unemotional traits. *Psychiatry Research* 187(1-2), 204-209.
- Stadler, C., Poustka, F., & Sterzer, P. (2010). The heterogeneity of disruptive behavior disorders – implications for neurobiological research and treatment. *Frontiers in Psychiatry*, 1, 21.
- Stewart, J., Mazurka, R., Bond, L., Wynne Edwards, K., & Harkness, K. (2013). Rumination and impaired cortisol recovery following a social stressor in adolescent depression. *Journal of Abnormal Child Psychology*, 41(7), 1015-1026.
- Stins, J.F., Tollenaar, M.S., Slaats-Willemse, D.I., Buitelaar, J.K., Swaab-Barneveld, H., Verhulst, F.C., Polderman, T.C., & Boomsma, D.I. (2005). Sustained attention and executive functioning performance in attention-deficit/hyperactivity disorder. *Child Neuropsychology* 11(3), 285-294.
- Stringaris, A., & Goodman, R. (2009). Three dimensions of oppositionality in youth. *Journal of Child Psychology and Psychiatry*, 50(3), 216-223.
- Syngelaki, E.M., Moore, S.C., Savage, J.C., Fairchild, G., & Van Goozen, S.H.M. (2009). Executive Functioning and Risky Decision Making in Young Male Offenders. *Criminal justice and behavior*, 36(11), 1213-1227.

T

- Thijssen, J., Vink, G., Muris, P., & de Ruiter, C. (2016). The effectiveness of Parent Management training—Oregon model in clinically referred children with externalizing behavior problems in The Netherlands. *Child Psychiatry & Human Development*, 1-15.
- Tremblay, R.E., Nagin, D.S., Seguin, J.R., Zoccolillo, M., Zelazo, P.D., Boivin, M., Perusse, D., & Japel, C. (2004) Physical aggression during early childhood: trajectories and predictors. *Pediatrics*, 114(1), 43-50.
- Tyson, P. (2005). Affects, agency, and self-regulation: complexity theory in the treatment of children with anxiety and disruptive behavior disorders. *Journal of the American Psychoanalytic Association*, 53(1), 159-187.

V

- Van't Wout, M., Chang, L.J., & Sanfey, A.G. (2010). The influence of emotion regulation on social interactive decision-making. *Emotion, 10*(6), 815-821.
- Van 't Wout, M., Kahn, R.S., Sanfey, A.G., & Aleman, A. (2006). Affective state and decision-making in the Ultimatum Game. *Experimental brain research, 169*(4), 564-568.
- Van Bokhoven, I., Matthys, W., Van Goozen, S.H.M., & Van Engeland, H. (2005). Prediction of adolescent outcome in children with disruptive behaviour disorders--a study of neurobiological, psychological and family factors. *European Child and Adolescent Psychiatry, 14*(3), 153-163.
- Van de Wiel, N.M., Van Goozen, S.H.M., Matthys, W., Snoek, H., & van Engeland, H. (2004). Cortisol and treatment effect in children with disruptive behavior disorders: a preliminary study. *Journal of Clinical Child & Adolescent Psychology, 33*(8), 1011-1018.
- Van der Meer, J.M., Oerlemans, A.M., van Steijn, D.J., Lappenschaar, M.G., de Sonneville, L.M., Buitelaar, J.K., & Rommelse, N.N. (2012). Are autism spectrum disorder and attention-deficit/hyperactivity disorder different manifestations of one overarching disorder? Cognitive and symptom evidence from a clinical and population-based sample. *Journal of the American Academy of Child & Adolescent Psychiatry, 51*(11), 1160-1172 e1163.
- Van Deurzen, P.A., Buitelaar, J.K., Agnes Brunnekreef, J., Ormel, J., Minderaa, R.B., Hartman, C.A., Huizink, A.C., Speckens, A.E., Oldehinkel, A.J., & Slaats-Willemse, D.I. (2012). Response time variability and response inhibition predict affective problems in adolescent girls, not in boys: the TRAILS study. *European Child and Adolescent Psychiatry, 21*(5), 277-287.
- Van Engeland, H., Roelofs, J.W., Verbaten, M.N., & Slangen, J.L. (1991). Abnormal electrodermal reactivity to novel visual stimuli in autistic children. *Psychiatry research, 38*(1), 27-38.
- Van Goozen, S.H.M. (2015). The role of early emotion impairments in the development of persistent antisocial behavior. *Child Development Perspectives, 9*(4), 206-210.
- Van Goozen, S.H.M., Cohen-Kettenis, P.T., Snoek, H., Matthys, W., Swaab-Barneveld, H., & Van Engeland, H. (2004). Executive functioning in children: a comparison of hospitalised ODD and ODD/ADHD children and normal controls. *Journal of Child Psychology and Psychiatry, 45*(2), 284-292.
- Van Goozen, S.H.M., & Fairchild, G. (2008). How can the study of biological processes help design new interventions for children with severe antisocial behavior? *Development and Psychopathology, 20*(3), 941-973.
- Van Goozen, S.H.M., Fairchild, G., Snoek, H., & Harold, G.T. (2007). The evidence for a neurobiological model of childhood antisocial behavior. *Psychological*

- Bulletin, 133(1), 149-182.
- Van Goozen, S.H.M., Matthys, W., Cohen-Kettenis, P.T., Gispen-de Wied, C., Wiegant, V.M., & Van Engeland, H. (1998). Salivary cortisol and cardiovascular activity during stress in oppositional-defiant disorder boys and normal controls. *Biological Psychiatry*, 43(7), 531-539.
- Van Goozen, S.H.M., Matthys, W., Cohen Kettenis, P., Buitelaar, J.K., & Van Engeland, H. (2000). Hypothalamic-pituitary-adrenal axis and autonomic nervous system activity in disruptive children and matched controls. *Journal of the American Academy of Child & Adolescent Psychiatry*, 39(11), 1438-1445.
- Van Lang, N.D., Tulen, J.H., Kallen, V.L., Rosbergen, B., Dieleman, G., & Ferdinand, R.F. (2007). Autonomic reactivity in clinically referred children attention-deficit/hyperactivity disorder versus anxiety disorder. *European Child & Adolescent Psychiatry*, 16(2), 71-78.
- Van Rijn, & S., Swaab, H. (2015). Executive dysfunction and the relation with behavioral problems in children with 47,XXY and 47,XXX. *Genes, Brain and Behavior*, 14(2), 200-208.
- Vaughan Van Hecke, A., Lebow, J., Bal, E., Lamb, D., Harden, E., Kramer, A., Denver, J., Bazhenova, O., & Porges, S.W. (2009). Electroencephalogram and heart rate regulation to familiar and unfamiliar people in children with autism spectrum disorders. *Child development*, 80(4), 1118-1133.
- Verhulst, F.C., Ende, J.v.d., & Koot, H.M. (1996). *Handleiding voor de CBCL/4-18*. Rotterdam: Sophia Kinderziekenhuis, Erasmus MC.
- Verhulst, F.C., Ende, J.v.d., & Koot, H.M. (1997). *Handleiding voor de Teacher's Report Form (TRF)*. Rotterdam: Sophia Kinderziekenhuis, Erasmus MC.
- Verstraeten, K., Bijttebier, P., Vasey, M., & Raes, F. (2011). Specificity of worry and rumination in the development of anxiety and depressive symptoms in children. *British Journal of Clinical Psychology* 50(4), 364-378.
- Viding, E., Sebastian, C.L., Dadds, M.R., Lockwood, P.L., Cecil, C.A., De Brito, S.A., & McCrory, E.J. (2012). Amygdala response to preattentive masked fear in children with conduct problems: the role of callous-unemotional traits. *The American Journal of Psychiatry*, 169(10), 1109-1116.
- Von Zerssen, D. (1986). *Clinical self-rating scales (CSRS) of the Munich psychiatric information system (PSYCHIS München)*, in: Sartorius, N., Ban, T.A. (Eds.), Assessment of depression. Berlin: Springer-Verlag.

W

- Wechsler, D. (2005). *Wechsler Intelligence Scale for Children—3rd Edition (WISC-III®), Dutch version, manual revised*. London: Harcourt Assessment.
- Weems, C.F., Zakem, A.H., Costa, N.M., Cannon, M.F., & Watts, S.E. (2005).

Physiological response and childhood anxiety: association with symptoms of anxiety disorders and cognitive bias. *Journal of Clinical Child and Adolescent Psychology*, 34(4), 712-723.

Welsh, M., & Peterson, E. (2014). Issues in the conceptualization and assessment of hot executive functions in childhood. *Journal of the International Neuropsychological Society*, 20(2), 152-156.

Woltering, S., Lishak, V., Hodgson, N., Granic, I., & Zelazo, P.D. (2015). Executive function in children with externalizing and comorbid internalizing behavior problems. *Journal of Child Psychology and Psychiatry*.

X

Xu, Y., Raine, A., Yu, L., & Krieg, A. (2014). Resting heart rate, vagal tone, and reactive and proactive aggression in Chinese children. *Journal of Abnormal Child Psychology*, 42(3), 501-514.

Y

Yerkes, R.M., & Dodson, J.D. (1908). The relation of strength of stimulus to rapidity of habit-formation. *Journal of Comparative Neurology and Psychology* 18, 459-482.

Z

Zahn, T.P., & Kruesi, M.J. (1993). Autonomic activity in boys with disruptive behavior disorders. *Psychophysiology*, 30(6), 605-614.

Zelazo, P.D., & Muller, U. (2002). Executive functions in typical and atypical development. In U. Goswami (Ed.), *Handbook of childhood cognitive development*. Oxford: Blackwell.

Zeman, J., Shipman, K., & Suveg, C. (2002). Anger and sadness regulation: predictions to internalizing and externalizing symptoms in children. *Journal of Clinical Child and Adolescent Psychology*, 31(3), 393-398.

Zimmermann, G. (2006). Delinquency in male adolescents: the role of alexithymia and family structure. *Journal of Adolescence*, 29(3), 321-332.

Zuckerman, M. (1979). *Sensation seeking: Beyond the optimum level of arousal*. Hillsdale: Erlbaum.